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*Canadian Organotherapy Co.*

**PHYSICIANS' REPORTS  
AND STATEMENTS OF FACT**

**Indicating the rapid, positive,  
and permanent results obtained  
from the administration of**

**THE LYMPHOID COMPOUND  
(LOWENTHAL)**

**THE LYMPH SERUM  
(LOWENTHAL)**

and

**THE OVAMAMMOID COMPOUND  
(LOWENTHAL)**

**In Nervous, Mental and Degenerative Conditions**

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**The Canadian Organotherapy Co.**

**NOVA SCOTIA BANK BUILDING**

**Cor. Bloor and Spadina, Toronto, Can.**

TELEPHONE:  
COLLEGE 4995

CABLES:  
"LYMPHOID," TORONTO, Can.

## IMPORTANT QUESTIONS

When the Lymphoid Compound is given by the mouth, does not the gastric juice change or render ineffective the constituents of the products?

Are not the products empirical?

Although it may be readily understood from an examination of the formula, that the products can be of service in conditions arising from Functional disturbance, upon what ground is the claim that the treatment can be of definite use in conditions involving organic change based?

Why are the indications for the products so varied, so wide and dis-similar?

Is it not possible that many of the striking results reported by practitioners from the employment of the products, are due to "suggestion" only?

Why do you include glycerophosphate in the formula of the Lymphoid Compound (Lowenthal)? How am I to know that the results reported from the exhibition of the products may not be justly attributed to the action of the glycerophosphate only?

FOR ANSWERS SEE PAGES 23-27

AC901  
CS  
NO. 0489  
PFX

THESE PRODUCTS ARE MANUFACTURED  
IN CANADA

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## IMPORTANT

**T**HE products of the Canadian Organotherapy Company, are sold only upon the presentation of a Prescription, duly signed by a qualified Practitioner.

The products of the Company have never been, never are, and never will be, advertised in the lay press.

The products supplied are always freshly prepared and strictly aseptic.

Telephone: COLLEGE 4995

Telegrams: "LYMPHOID, TORONTO"

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Stocked and Sold Wholesale by all Branches of The National Drug and Chemical Co., Ltd., Lyman Bros. & Co., Ltd., Toronto; Lyman's, Ltd., Montreal, and all Wholesale Druggists.

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# INTRODUCTION

BY LEONARD WILLIAMS

*To the Special Hormone Number (April 1913) of "The Prescriber"*

“YESTERDAY was the day of the pathologist, more especially of the bacteriologist. The day before yesterday witnessed the triumphal progress of Surgery. Physiology and Medicine, all wrung in the withers and quite chapfallen, contented themselves, perforce, with the crumbs that fell from the rich microbic tables of these others. But the whirligig of time brings in his revenges. To-day and to-morrow, and the day after, are foreordained to the physiologist, the physician, and the therapist. Their hour has come through the agency of the internal secretory glands, which already unfold before the astonished view of the seeing eye, a land of promise beside which the vast territories conquered by Lister and Pasteur are destined to pale into honourable insignificance. The ductless glands and their hormones come to us as peaceful conquerors who brook no denial. They lighten our darknesses and show us miracles. In studying them and endeavouring to unravel their intricate and esoteric mysteries, one seems ever and anon to be on the trail of the Great Secret, and in danger of losing one's mental perspective.”

## ORGANOTHERAPY

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STUDENTS of contemporary medical and scientific thought cannot but be profoundly impressed by the rapidity and certainty with which many of the old standards and conceptions in therapeutics are being replaced by new and improved methods of treatment, resulting from the uninterrupted advance of scientific research and observation.

The space formerly devoted, in medical literature, to Symptomatology and to the relative values of drugs in the treatment of the *results* of disease, is now occupied by articles of the utmost scientific value, written by some of the most brilliant writers and observers of the day, on such vastly important subjects as the chemistry of the body in health and disease, the internal secretions and their hormones, metabolic processes and their disturbances, the *causation* of disease and to a description of the remarkable results secured by those modern methods of treatment, Serum Therapy, Vaccine Therapy, and Organotherapy.

The work of the physiologist and the biological chemist is becoming more important and valuable year by year. The chemist is keeping well abreast of the scientist in research work, for each is necessary to the other for the progress of Medicine and scientific knowledge.

Attention is being ever increasingly devoted to, and precise knowledge obtained in respect of, the chemical substances of the body in relation to oxidation, auto-intoxication, metabolism, and cell life, and in regard to the various glandular secretions and the profound effects exercised by their hormones.

In the opinion of many of the most competent observers, it is in this field which is being found, and in which will continue to be found, that scientific data which is generally and definitively effecting a silent, yet nevertheless sweeping revolution in therapeutics.

Only comparatively recently has any important place been assigned to Organotherapy, or have the products of Organotherapy been extensively employed. To-day the subject finds a foremost place in scientific addresses (including that of the President of the British Association), in the lectures of eminent authorities invited to address medical congresses and associations, as also in the leading journals devoted to medical and scientific subjects.

The President of the British Association, in his memorable address (1912) on "The Origin of Life," said:—

"The activities of the cells constituting our bodies are controlled by chemical agents (hormones) circulating in



the blood. Many of these are produced by special glandular organs known as internally-secreting glands. The ordinary secreting glands pour their secretions on the exterior of the body or on a surface communicating with the exterior. The internally-secreting glands pass the materials which they produce directly into the blood. In this fluid the hormones are carried to distant organs. Their influence upon an organ may be essential to the proper performance of its function, or may be merely ancillary to it. In the former case, the removal of the internally-secreting gland which produced the hormone, or its destruction by disease, may prove fatal to the organism. The reproductive glands furnish, in many respects, a most interesting example of organs which, besides their ordinary products—germ and sperm cells (Ova and Spermatozoa)—form hormones which circulate in the blood and effect changes in cells of distant parts of the body.

It is only in recent years that changes have been shown to be brought about by the agency of internal secretions and hormones passed from the reproductive glands into the circulating blood. It is not too much to assert that the knowledge of the origin of so many diseases, and of the chemical agents which, on the one hand cause, and on the other hand combat, their symptoms, has transformed Medicine from a mere art, practised empirically, into a real science based upon experiment. The transformation has opened out an illimitable vista of possibilities in the direction, not only of cure, but more important still, prevention.

A French histologist—Jolly—has found that the white corpuscles of the frog, if kept in a cool place and under suitable conditions, show, at the end of a year, all the ordinary manifestations of life.

Carrell and Burrows have observed activity and growth to continue for long periods in the isolated cells of a number of tissues and organs kept under observation in a suitable medium. Carrell has succeeded in substituting entire organs, obtained after death from one animal, for those of another of the same species, and has thereby opened up a field of treatment, the limit of which cannot well be estimated.

An instance of nerve regulation is seen in secreting glands. Not all glands are thus regulated, at least not directly, but in those which are, the effects are striking. Their regulation is of the same general nature as that exercised upon involuntary muscle, but it influences the chemical activities of the gland cells and the outpouring of secretions from them. By means of this regulation a secretion can be produced or arrested, increased or diminished. As with muscle, a suitable balance is in this way

maintained, and the activity of the glands is adapted to the requirements of the organism.

We, and all the higher living beings, whether animal or vegetable, are entirely formed of aggregates of nucleated cells, each microscopic, and each possessing its own life. Life is embodied in the cell, and every living being evolved from these will, itself, be either a cell or a cell aggregate. What we term our life, is not a single indivisible property, capable of being blown out with a puff like the flame of a candle, but is the aggregate of the lives of many millions of living cells of which the body is composed.

The strides which were made in the advance of mechanical science in the 19th century, which is generally considered to mark that century as an age of unexampled progress, are as nothing, in comparison with those made in the domain of Biology, and their interest is entirely dwarfed by that which is aroused by the facts relating to the phenomena of life, which have accumulated within the same period."

Gibson, in a remarkably able address, stated:—

"All organs—in fact, all tissues—receive from the blood certain substances, and yield in return others. Every function of the body furnishes material which is restored to the blood. The glands produce special substances to which, alone, the name of secretion can be properly applied. Many glands of the body have the power of producing hormones, and, year by year, our knowledge of the subject is becoming more extensive and more thorough.

In our study of glandular processes, we find Nature lavish of her general provision, but parsimonious in particular instances, at times. Some excess or defect of secretion may be caused by processes which, in the light of our present knowledge, appear to be pathological.

During the menopause, many—sometimes all—of the troubles and symptoms then experienced may be removed, or at least relieved, by Ovarian substance. All that we can now know, all that we can now do, is the result of modern methods of investigation. The results obtained by devotion to the three sister studies of Physiology, Pathology and Pharmacology, are to us of paramount importance. Let us, in all our doings, walk along the path of safety, through accurate observation and unprejudiced investigation."

Pende, who, has exhaustively studied the internal secretory glands, writes (Feb. 1912):—

"The function of these glands is not, as was at one time believed, to neutralize certain hypothetical toxic products of tissue change, but rather to supply certain substances called hormones, whose property it is to stimulate the

anabolic or katabolic processes of tissue change, to improve the tone of the two great divisions of the nervous system, and to stimulate growth during the period of active increase in the organism.

The endocrinic and the sympathetic systems form an apparatus functionally one—the endocrino-sympathetic apparatus—the changes in which, whether localized primarily on one or the other system, give rise to special clinical and dystrophic symptoms marked (1) by signs of altered tissue change, (2) by altered tissue development, (3) by changes in the sympathetic innervation.

The internal glands being correlated by chemical and nervous relations and functionally synergic, one ought to find evidence in each of the true cardinal symptoms, of some share by the whole endocrinic system, although in any given case the symptoms associated with one particular gland may predominate. On the other hand, every gland has a strictly specific function which cannot be replaced by another gland."

Osler wrote:—

"However produced, the ultimate processes of disease represent chemical changes in the fluids and tissues of the body, and in this direction, too, the advances of the past half century have had a profound influence on chemical medication."

"Our knowledge of normal metabolism has progressed with startling rapidity, and warrants the belief that before long we shall have a safe platform from which to investigate 'to a finish' such serious perversions as are present in Gout, Diabetes, etc. Already the studies upon internal secretions have not only given us a clear conception of the functions of certain glands, but have also enabled us to treat successfully such otherwise incurable maladies as Myxœdema. In the immediate future it is along chemical lines that we may look for the greatest advance."

Starling has written:—

"If the mutual control of the body be largely determined by the production of definite chemical substances in the blood, the discovery of the nature of these substances must enable us to interpose at any desired place in these functions, and by this means to acquire an absolute control over the working of the human body. Such a control is the goal for which medical science must ever strive."

The Herbert Spencer Lecturer (1912) said:—

"There are definite signs that we are at length awakening to the fact that the knowledge needed for the right direction of progress must be gained by biological experiments and observation."

Articles and addresses upon the subject are voluminous in the present day, but considerations of space forbid further extracts.

\* \* \*

In modern practice organic extracts are more largely exhibited, and their use is more rapidly extending than is the case with other agents. The reason for this undoubtedly is that in the treatment of disease (and especially its cause), the overwhelming importance of the part played by the chemistry of the organism, and by metabolic processes, is being widely recognized. No less is it being widely accepted that treatment by ordinary drugs alone, of conditions having as their origin metabolic derangement, degenerative changes, auto-intoxication, imperfect glandular functioning or insufficiency (with the resultant disastrous effects upon cell functioning) is unsatisfactory, and frequently entirely useless.

Modern scientific practitioners and others are increasingly impressed by the belief that in the treatment of such conditions, the rational and most successful method is to transfer to the human organism in an active state, from the animal kingdom, the eminently suitable compensatory and stimulative material which is to be found there.

It has been abundantly demonstrated, in practice, that when this is accomplished by the employment of reliable and active products, scientifically prepared, degenerative changes can be arrested, while normal metabolism and normal functioning (both on the part of glands and cells) can be restored.

The impairment of metabolic activity and disordered glandular functioning seriously weaken the nervous and muscular apparatus, nor do the tissues, organs, glands and cells of the organism escape the consequence of that impairment and derangement.

Unless new, and above all, suitable material (and the only really suitable material must of necessity take the form of scientifically prepared organic extracts), is supplied, the daily waste is not balanced, degeneration proceeds, vitality is lowered, resistance falls, and soon there sets in one or more of those troublesome physical, nervous or mental disturbances, directly following fatigue and exhaustion.

When the natural supply of the necessary new material, engendered by the organism itself, is insufficient to sustain the system, but little permanent good is to be hoped for from the administration of common drugs, but if it can be demonstrated that from the animal kingdom there can be transferred to the human organism, in an active and aseptic condition, that required new material which the body has ceased to be able to supply for itself, in sufficient quantity, then, certainly the arrest of degeneration, the restoration of normal metabolism and perfect functioning may be confidently anticipated and definitely realised.

That this task *can* be accomplished, and is being constantly accomplished by the products named in this brochure, is indisputable, and the proof of this statement will be found in the remarkable record of the results from their administration sent in, without request, from British Practitioners, some of which are reproduced herein. Those reports are but representative of many others which come to hand week by week throughout the year.

The formulæ of the products will be found in another part of the brochure. From an examination of them it will be observed that the products are "pluriglandular" compounds, and do not consist of one organic extract only. There is an important reason for this.

Clinical experience, extended over a long period, has definitely proved the fact that the results obtainable from the administration of one organic derivative only are never so definite, rapid or permanent as when other organic extracts are combined in one preparation.

Thus in the treatment of, for instance, mental disturbance, it has been repeatedly found that treatment by brain extract alone was never as successful as when the brain extract was combined with Testicular Extract, Lymphatic Gland Substance and Spinal Cord Substance.

Similarly it has been demonstrated that in treating the various disturbances of the menopause by Ovarian Extract alone, results were never so rapid and definite as when Ovarian Extract and Mammary Gland Extract were combined in the same Compound.

\* \* \*

Metabolism has been defined as the change produced in a substance by the action of living cells upon it, or alternatively, the process by which living cells incorporate the matters obtained from food into a part of their own bodies.

Constructive Metabolism or Anabolism has been defined as the change of matter from a lower to a higher state of organization, while destructive Metabolism or Katabolism, has been defined as the conversion of matter into a lower state of organization, and ultimately into waste products.

The study of Metabolism has three objects:—

1. The investigation of the "exchange of materials," and the extent and character of the incessant transformations which accompany and determine the changes occurring within the living tissues.
2. To ascertain the method of the conversion of chemical tension into living energy.
3. To ascertain how the normal process is affected by the disturbance of the proper balance which should obtain in the secretions.

It has been conclusively demonstrated that such animal derivatives as the thyroid, suprarenal, ovarian, orchitic and lymphatic substances, pepsin, pancreatin, etc., will, when orally administered, supply definite compensatory elements to the human economy.

The antagonistic action of the internal secretions has been established by the researches of Krauss, Friedenthal, and others. It is conceded by practically all the authorities that if there is introduced certain of the animal substances with an internal secretion, there will be produced an excess of that secretion within the body, and, therefore, stimulation of certain antagonistic secretions which may not have been present normally.

It requires but simple reasoning to see that, if, by such stimulation, there can be restored that perfect harmony which, in normal health, obtains, any morbid condition must, of necessity, be benefited.

Extensive experiments have been conducted with what are assumed to be the individual active elements of a number of the animal derivatives, but the results obtained from their *individual* clinical employment has not been the same as the action of a pluriglandular compound. As examples of this may be cited the independent use of such agents as Nuclein, Lecithin, Cholesterin, Thyroidin, etc.

The definite tonic action of certain animal derivatives upon metabolic processes being established, there has been incorporated in the Lymph Compounds (Lowenthal), what is considered to be the newest addition to, and the farthest advance in, Organotherapy—products which research has demonstrated possess the greatest remedial activity.

With the animal substances have been included in the capsules, but not in the serum, drug synergists, which are important constituents of the normal cells, or have a selective action upon the nervous system or the eliminative process.

\* \* \*

It is admitted by most competent authorities that what has been aptly described as the "labyrinth of metabolism," is being further penetrated year by year. As a result, the armamentarium of the modern practitioner is now being supplied with new and potent weapons in the form of scientific organotherapy products, with which to fight disease, degeneration and the toxin of fatigue—weapons at once more effective and more powerful than those which have been at his service in the past.

The objective and subjective phenomena of metabolic disorder are being increasingly recognized in modern practice, with immeasurable advantage to patients.

Atrophy, Perversions of Growth, Emaciation, Hypertrophy, Obesity, Impoverished Blood, disturbances of the circulation, Auto-intoxication (as in Acidosis and Glycosuria), increase of purin bodies (as in Gout), and disorders of function-

ing, are, much more frequently than not, the direct or indirect result of impaired nutrition, which causes, in turn, the neuroses of fatigue.

The nervous system is undoubtedly the chief sufferer in such conditions, for the phenomena which result can be found in Neurasthenia, Myasthenia, Hysteria, Neuralgia, Pscyhas-thenia, local and general spasmodic affections, Hypochondriasis, Melancholia, and other conditions.

There is, perhaps, not one experienced practitioner, who would care to deny, that in conditions arising from disordered metabolism, drug medication, rest cures, Psychotherapy, Hydrotherapy, Climatotherapy and Electrotherapy (though useful under special circumstances in modifying *some* symptoms) have proved sadly wanting in effecting a permanent restoration to the normal, and a removal of the *cause* of disease.

Perfect nutrition and normal metabolism ensure a proper co-ordination in the activity of glandular organs and of the cells of non-glandular organs.

It is now agreed by most authorities that disorders of metabolism, and changes in glandular functioning have, as their cause, disturbances in balance in the chemistry of the body. The influence of the chemical action of the internal secretion of one gland upon that of another, when normally functioning, is the great defence of the organism against metabolic perversions.

Loewy reported as a result of the experiments which he conducted, to ascertain the influence exerted by the internal secretions of the sexual glands upon metabolism, that extirpation was always followed by a reduced metabolism, while the administration of testicular extract invariably resulted in a higher metabolism. Testicular Extract, aseptic, active and scientifically prepared, is one of the principal ingredients of the Lymph Compounds (Lowenthal).

It has been demonstrated that disordered metabolism of the Mammary Glands can be productive of a virulent toxin, which condition can be overcome by the administration of Mammary Gland Extract (scientifically prepared).

Perhaps the disease in which metabolic disorder is illustrated most graphically is Diabetes Mellitus. Falta has shown that the glands with an internal secretion play a most important part in the causation of this disorder, the influence of the nervous system being exerted through them.

A striking example of the "balancing" effect of the compensatory material in the Lymph Compounds (Lowenthal) may be observed in the treatment of this disease by these products, for in at least 90 per cent. of the cases of this disorder treated up to the present, a marked reduction of sugar has been reported as being obtained. A reduction of from 5 per cent. or 4 per cent. to 1 per cent., is a common experience,

while in numerous cases no sugar has been found to be present at all, after adequate treatment.

\* \* \*

That there is throughout the whole animal kingdom a uniformity in chemical processes is no longer disputed. The chemical products of every organ of the body must, to a greater or less extent, influence the remainder of the organism.

An eminent biologist has recently expressed the view, that, as every chemical process is accompanied by some definite loss resulting from the formation of by-products, it is probable that in the human organism, the cumulative effect of such losses in the constant breaking-down of cells, must, unless compensated for, bring the machinery of the organism to a complete standstill in the course of time.

The belief is becoming general that all forms of nerve action are expressions of chemical activity.

Neurasthenia (Primary or Secondary), Borderland Insanity, Hypochondriasis, Fatigue, Emotional Breakdown, Obsessions, Hysteria, etc., produce chemical and cellular defects of the ductless glands. Mental strain induces disorders of functioning because of the inability of cells to resist that strain.

Similar changes have been observed in cases of shock, as, for instance, in Exophthalmic Goitre. That a complete restoration of normal chemical activity, cell functioning, and metabolism, with the eradication of the conditions named, can be obtained and maintained by supplying the requisite compensatory material, will be found to be demonstrated in the reports which appear in the later portion of this brochure.

It has been truly said that life is the expression of a function. That organism, which is in perfect balance with its environment, and which has all its parts in proper balance also, *must* be in health.

Unless there be present in the organism that perfect correlation of functioning which follows from a perfect adaptation of its cells to their environment, individually and collectively, perfect health cannot exist.

Departures from normal glandular functioning, with the resultant and inevitable disturbance of pluriglandular balance, spell disease.

Reactions, which, after all, are but biological manifestations, do not need treatment one half so urgently as do the causes of those reactions.

Perfect correlation of cellular and glandular activities, which alone is manifested in a condition of perfect health, and by means of which perfect functioning and a normal metabolism is secured, is by far the most important asset which the human organism can possess.

Probably the most effective weapon of defence which that organism possesses is the ample provision made by nature



against the complete loss of cells engaged in furnishing the products of glandular secretions. Meltzer has aptly termed this provision, "the factor of safety."

That the chemical activity of the organism is largely originated by sensations, emotions and impressions, is no longer in doubt. That this activity extends to the glands of the body, profoundly modifying their secretions in one direction or another, is not now disputed.

A modification, of whatever nature, in the internal secretion of one gland, necessarily disturbs that normal balance in the chemistry of the body, which is essential to its health. This *must* be so because the hormones, or (as they have been well named) the "chemical messengers" of the secretion so modified, influence the secretions of other glands or act as stimulating agents in regard to other activities.

That perversion in functioning of a gland with an internal secretion is inevitably accompanied with a marked modification in nutrition, is a matter of common observation.

Knowledge of the internal secretions and cell life has advanced sufficiently for it to be definitely known that cells are incapable of individual or spontaneous action. They remain inactive until stimulated into action by a ferment or hormone. If a cell loses its activity, the supply of the hormone still continues, because other cells take upon themselves the duty of manufacture, or else the effect of the changed product is neutralized, or antagonized, by a secretion which has become modified, in its turn, because of the original chemical change.

This action of products, thus modified, may well explain many of the varying symptoms observed in disease.

Koehl has pointed out that absence of functioning or imperfect functioning of the same gland, in various patients, lead to similar, but in some respects, quite different symptoms.

Glycosuria is observed in disease of some glands. The failure in one gland cannot fail to affect other glands standing in relation to it. It is agreed by all observers in this field that glands with an internal secretion have definite inter-relationship, the unimpaired maintenance of which is essential for the normal functioning of all.

Perversions of glandular functioning and in the internal secretions, are the origin of many affections which seriously impair health, and cause much suffering. Both hyposecretion and hypersecretion are strictly accountable for many of those well-defined symptoms of nervous disturbance which are matters of every-day experience.

A gland which is over-functioning can be controlled by stimulating the antagonistic gland. A gland which is under-functioning can be regulated by supplying to the organism a similar secretory product, provided that product is scientifically prepared and active. The provision of the required stimulative and compensatory material is the whole work of

scientific Organotherapy in general, and of the Lymph Compounds (Lowenthal) in particular.

Practitioners of experience agree as to the necessity of employing indirect methods of treatment by securing the proper regulation of functioning, normal metabolic activity, the elimination of auto-intoxication, and by providing stimuli for obtaining cellular activity. Not only are the *symptoms* of a morbid process thus modified, but the morbid process itself is rectified.

Only by the stimulation of physiological processes and the provision of suitable compensation to arrest and off-set the effects of degenerative changes can the goal of perfect chemical activity be attained, and normal functioning consequently secured. The results thus obtained are shown, by all experience, to be of a permanent character.

Ott has written:—

“Just as glands with an internal secretion concur in taking up the work not accomplished by the others, and unite in the perfection of the products to be brought forth, so in a similar way the glands with an internal secretion concur in the metabolites to be produced. By reason of this, physiological balance is maintained between the activities of the different glands in the wilderness of metabolism.

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It will probably be agreed by most practitioners that the most pronounced expressions of functional disease are to be found in the neuroses of fatigue. It has been stated, probably without exaggeration, that fatigue, with its consequent imperfections in functioning and abnormalities in the chemistry of the body, gives rise to more suffering, shortens life, and causes death more frequently than any other agent.

To fatigue can rightly be credited many of the serious and deep-seated nervous disturbances which so increasingly call for treatment nowadays. The results of fatigue are infinitely more far-reaching than would at first sight appear, and it will not be seriously disputed that the older methods of treatment which stimulated, and which did not *compensate*, have proved wanting.

Modern clinical observation has demonstrated conclusively that by supplying to the organism those cellular elements, in an active state, which Organotherapy can alone yield, fatigue and its results can, in most cases, be banished, until such time, at least, as natural decay shall bring the patient to a point at which no compensation can avail. Up to that point, Organotherapy can ensure the substitution of new cellular activity for that which has been lost.

A reference to some of the cases of physical and mental fatigue which have been successfully treated by the Lymph

Compounds (Lowenthal) when the older methods have failed and which may be found in the latter part of this brochure, will demonstrate how the results of fatigue may be definitely overcome and permanently overcome by the compensation afforded by those products.

The active agents of the glands with an internal secretion are essential for the proper functioning of the nervous system, for normal circulation, correct metabolism, and for the growth of tissue. Pluriglandular efficiency is vitally necessary for the health of the organism, for each gland with an internal secretion has a many-sided relationship to the remaining glands with an internal secretion, as has been shown.

Defective elaboration of the secretion of one gland, or the cessation of that elaboration, must inevitably injure the whole organism, and the nervous system especially.

The power of self-nutrition, possessed by the human organism, which enables it to exercise resistance, to protect itself by counteraction, and, by the destruction or elimination of deleterious agents, to provide for the re-establishment of chemical balance, when that has been disturbed, very frequently fails. That failure is directly responsible for a heavy percentage of those physical, nervous and mental ailments to which the organism is prone.

Therapeutic agents, therefore, which, as in the case of the Lymph Compounds (Lowenthal), have been clinically demonstrated to be capable of reinstating that power, and thus restoring normal functioning, must be of incalculable service.

For all disorders of the body Nature endeavours to make provision for defence, but extraneous aid is frequently necessary. The requisite help cannot, in those disorders originating in degeneration, or metabolic disturbance, be well obtained from either the vegetable or mineral kingdoms, but from the animal kingdom can indisputably be secured those secretions and organic derivatives from the administration of which, such striking and eminently satisfactory results, are being increasingly obtained.

Biological methods must logically, and, as a matter of fact, do, in practice, produce the best results. The assisting of Nature when there is a deficiency, and the enabling of her to control and balance when there is excess, is found to be, by experience often repeated, the surest method of removing the cause and preventing the return of many disorders.

Deficiency of an internal secretion in the human organism can be overcome by the administration of that secretion obtained from the animal kingdom, when scientifically prepared, while excessive secretion can be controlled by administering the secretion of an antagonistic gland, obtained and prepared similarly.

The Lymph Compounds (Lowenthal) exert two direct and powerful influences, namely, the strengthening and building up of the muscular and nervous systems, and the introduction into the blood of new and requisite material for cell nutrition.

It has been well said that, "To use intelligently in disease those natural products by which the body is enabled to do its own work in health, can but be regarded as reasonable, and *must* form the basis of a rational therapy."

Extensive clinical employment of the Lymph Compounds (Lowenthal) has proved demonstration that those products (judged solely by the results obtained from their use in cases of the most difficult description, in which many other forms of treatment had previously failed) provide such adequate stimulation, regulation and compensation as enables the body to do its own work thoroughly and faultlessly.

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The full and complete formulæ of the Lymph Compounds (Lowenthal) and the Ovammamoid Compound (Lowenthal) will be found set out in this brochure. From these it will be seen that in the case of the Lymph Compounds (Lowenthal) there are present (in an active and aseptic condition) that most potent and compensatory agent Spermine, Brain Substance, Extracts of Lymphatic Glands (chosen for their importance) and Spinal Cord Substance, together with perfectly preserved Sperm cells, Lymph cells, tissue cells, and Leucocytes, as also those active principles Cerebrin, Nuclein, Cholestrin, Lecithin and Organic Phosphorus. In the case of the Ovammamoid Compound (Lowenthal) it will be seen that there are present (in an active and aseptic condition) Ovarian Extract (with the homone of the secretion) and Mammary Gland Extract.

By the adequate administration of the scientifically-prepared products of these formulæ, it is being constantly demonstrated that impediments to what has been aptly termed "the essential process of life," namely cell activity, are definitely and permanently removed.

It may be taken that the Lymph Compounds (Lowenthal) contain more Lecithin, dose for dose, than any other preparation at present available.

The formulæ of the products have invariably appealed immediately to scientific practitioners as being rational and likely to prove of exceptional service in practice. That those expectations have *not* failed of realisation may be confirmed by reference to the case reports and medical opinions to be found in the latter part of this book.

The treatment has been found of exceptional service not only in cases of functional disorder, but in diseases involving organic change also, though in the latter no exaggerated or absurd claims are made for the products.

It is freely admitted that in cases of organic disease the treatment has certain well-defined limitations, yet, nevertheless, within those limitations, marked and often striking benefit is obtained. Those results are secured solely by the cellular compensation which the tonic action of the preparations induces. When one kidney is removed there is a compensatory hypertrophy of the one remaining. If one of the senses be lost, the remainder are rendered more acute, and a certain compensation for the loss is observed.

In Tabes Dorsalis, for instance, the sclerosis begins at the posterior end of the cord, and gradually progresses upwards. With this progressive development of the disease there is a progressive increase of ataxic symptoms.

It is known that by the use of the Lymph Compounds (Lowenthal) the progressive symptoms have been arrested in a great many cases. The number has been sufficient to take the results entirely out of all possibility of accidental action.

There is, through the agency of this combination, enough compensatory action upon the cellular tissue of the cord unaffected by the degenerative process, to arrest the progress of the condition and permit the patients to resume their avocations, with only slightly impaired faculties, and with little or no pain.

It is not intended to infer that the Lymph Compounds (Lowenthal) can restore cells which are dead, and there are long-standing cases of Tabes in which the degenerative process has progressed to a point where no compensatory development of the cell tissue could be effected.

Marked benefit will follow administration of the Compounds in the great majority of cases, and in most the progressive symptoms will be positively arrested when that point has not been reached.

It is unnecessary to point out to the skilled physiologist or pathologist that whenever a cell, which was originally endowed with a special function has undergone a process of degeneration, it is for ever dead to the system so far as specialising activity is concerned.

It is therefore manifest that in such cases the object aimed at should be to arrest the degenerative process as rapidly as possible, and to enable the healthy surviving cells to obtain such compensatory reinforcement as will enable them to carry out the functions of those cells which have become incapable by degeneration.

This is what is actually accomplished by the Lymph Compounds (Lowenthal), and in that direction they have proved remarkably successful, and are of considerable service to practitioners. The claim made by some that *their* organic preparations can and do revitalise and restore to full activity cells that are degenerated or dead, is obviously an absurd and indefensible exaggeration.

Carefully kept records indicate that, of 700 cases of Locomotor Ataxia treated with the Lymph Compounds (Lowenthal) there has sufficient compensatory action upon the cellular tissue of the cord unaffected by the process of degeneration, to arrest progressive symptoms and to enable the patient to return to active life with little or no pain, and much improved gait, in the great majority of those cases.

No compensatory development of the cell tissue could be obtained in some cases, owing to the degenerative process having progressed too far.

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Of the numerous disorders which may rightly be included amongst those originating in functional disturbance, perhaps the one in which the Lymph Compounds (Lowenthal) is most frequently prescribed (because of its prevalency) is Neurasthenia.

Under that general heading is grouped a variety of conditions which are among the most trying the physician is called upon to treat. One may search the text-books or review one's personal experience, and be surprised to find what a limited number of agents are available for the treatment of this condition.

It is clearly demonstrable in Neurasthenia that there is a disturbance of the normal metabolism. If one unhesitatingly accepts the theory that the internal secretions are mutually inter-active, and that the excessive functioning of one gland increases the functioning of the others in the effort to maintain the proper balance, it is not irrational to believe that the introduction of agents which *we know* play a stimulating part in the process involved, should prove beneficial.

In cases of utter nerve exhaustion, or where overwork or worry has induced nervous disorder, the Lymph Compounds (Lowenthal) have clearly demonstrated their exceptional value. Those preparations, in nervous conditions, supply the body with an added amount of certain of the internal secretions.

Nature's method of maintaining the normal balance causes certain antagonistic secretions to be developed which probably have been defective. That some such process takes place is evidenced by the fact that in profound nervous excitement the administration of the products has a sedative action, whereas in nervous depression, it has a stimulating effect.

This seems paradoxical, but is supported by a mass of corroborative data.

The employment of the Lymph Compounds (Lowenthal) in the various forms of Neurasthenia is very extensive, and the success remarkable. Often the etiology of the condition is obscure, but the justification for the employment of the Lymph Compounds (Lowenthal) is based upon the same principal that

obtains with any remedial agent, i.e., the endorsement of unprejudiced and competent medical observers.

The agents which have hitherto been employed in the treatment of Neurasthenia have admittedly proved more or less ineffective. The Lymph Compounds (Lowenthal) are at least worthy of trial, for it is beyond dispute that immeasurably greater success has attended the practical application of the rational theory herein set out, in this condition, than by that of any other.

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Information as to the methods and the processes employed in the preparation of the Lymph Compounds (Lowenthal) may be rightly required by practitioners, and a description of them is therefore now given. First of all it is desired to draw special attention to the fact that none of the glands and organs utilized for the preparation of the products, nor any material whatsoever, is obtained from slaughter-houses, and that no pain is inflicted when dissecting those glands and organs.

Those who are anti-vivisectionists by conviction may employ the products freely without violation of principle.

Compression is never employed in manufacture. Compression *must* be employed when organic derivatives are put up in the form of tablets or powders. Compression invariably results in a very definite depreciation of activity.

The selected animals, at the zenith of their vitality, are, after detailed examination, placed under an anæsthetic. When the anæsthesia is deep, the required organs and glands are removed, and the products immediately prepared therefrom.

Stringent precautions are observed throughout the whole work of preparation, both as to environment, and in every other respect. Thus an unqualified guarantee can at all times be given that all products are, whenever sent out, absolutely aseptic and active, and that they will remain so, (subject to the observance of the specified conditions as to temperature and absence of light) for six months at least.

The best evidence which can be produced as to the complete success of the precautions taken, and the processes employed, is the fact that, although the Capsules manufactured and distributed, upon prescription, in a year, number at present more than two millions, and although the amount of Serum manufactured and distributed upon prescription by the Company reaches in a year to many hundreds of ounces, not one case of ill-effect has ever been reported.

In the preparation of the products, the glands and organs required are derived from goats, bulls and rams. The animals used are between twelve and fourteen months old, because during this time the lymphatic structures attain their highest development and yield the largest amount of lymph and lymphatic extract. The goat is practically immune from all

infectious diseases, and is possessed of a lymphatic system capable of unusual development.

The selected animal is placed completely under the influence of an anæsthetic as stated, and, under the strictest aseptic precautions, is bled and relieved of the following structures, viz., Lymphatic Glands and Ducts (except glands exterior to thoracic and abdominal cavities), Testicles, Spinal Cord, Medulla and grey matter of Cerebrum and Cerebellum.

From these structures the following ingredients of the Lymph Compound are derived, viz., Lymph, Extracts of Lymphatic Glands and Extracts of Spinal Cord, Medulla, and grey matter of Brain.

These extracts are practically emulsions of the cellular ingredients of the structures named. The glands, cords, etc., are reduced to a highly concentrated fluid with a heavy cellular sediment.

Filtration, through a porous composition and the use of re-agents, removes the connective tissue, fat and coagula, but not the lymphocytes, nor all of the fixed cells which have been loosened by the mechanical processes employed. A thorough post-mortem examination absolutely prevents the use of unhealthy animals. Animals are rejected if the slightest abnormality is found, even the results of traumatism.

Orchitic fluid is taken from the testicles of bulls, goats or rams (chiefly bulls) immediately after castration. Three-fourths of this fluid is taken from the globus major and minor, because in these reservoirs the orchitic fluid is excessively rich in spermatozoa, and is expressed as thick and creamy fluid. This fluid is treated by exactly the same process as the other ingredients already mentioned.

The derivatives are first fumigated with chlorine gas, and then subjected to carbonic oxide under 300 atmospheres pressure for several hours. The cylinder is then opened and the menstruum added, after which the entire product is filtered through a thick layer of sterilised gauze.

The menstruum above mentioned consists of carbon water, to which has been added a small amount of chloride of gold and sodium (10 minims of the lymph contain 1-40th of a grain). This salt is used because of its preservative properties and also because it is mildly synergistic to a cell tonic in view of its cell alterative effects.

With a microscope (1-8th objective), the sediment of the end product will be found to be very rich in perfectly preserved Spermatozoa, and Lymph Cells, with fixed tissue cells, Red Cells, Crystals of Lecithin, Chloride of Sodium and Spermine Phosphate.

The finished product appears as a canary-yellow colour fluid, often with a slight brownish tinge. It has a heavy sediment almost wholly composed of cells, which sediment is perfectly emulsified by agitation. The Lymph Compound



is acid in reaction. Its method of preparation renders it decidedly aseptic, its bactericidal strength equalling that of 1-10,000 Bi-Chloride of Mercury Solution.

The active principles in the preparation are chiefly contained in the Lymph Gland Extracts, Lymph Cells and Spermatozoa, these cells being preserved in a perfectly normal condition so that, when injected into the body, they give up their active principles, such as Spermine and Nuclein, in a nascent condition.

The fact that most of the active principles in the Compound are contained in these cells, and the concentrated fluid organic extracts, is demonstrated positively by the experiment of filtering the lymph. After removing the sediment the fluid will effect only very moderate cell tonic reaction.

Until it is possible to more accurately define the various internal secretions (the existence of which and their positive metabolic influence have been positively proven), one cannot accurately define the chemistry of the active principles contained in these cells and fluid organic extracts.

It is known that the action of the Lymph Compounds can by no means be wholly explained by the known ingredients of Spermine and Nuclein. A comparison of physiological actions positively demonstrated this fact. In view of clinical results one is bound to conclude that the method of extraction and preservation employed incorporates in the Compounds the positively identified but imperfectly understood, internal secretions of the Testicles and Lymph Glands.

The Lymph Compounds are powerful direct cell tonics and cell compensators, having a direct effect upon the specialised functions of most organic cells, and especially those of the nervous system, as also upon the general processes of fixed metabolism (assimilation, disassimilation and elimination).

The conclusion is legitimate that the Lymph Compounds are a powerful tonic to Phagocytosis, because the reactions effected are very often more decided and complete than could be explained by the action of the lymph in increasing the resistance and functional capacity of fixed tissue cells.

The Lymph Compounds are powerful alteratives, since they alter the inherent processes of cell metabolism. The alterative effects are proven conclusively by clinical results. The Lymph Compounds are unusually efficient cell nutrients. This effect has been positively determined by clinical results, and is explained by the composition of the lymph, which is unusually rich in Cell Albumin, Lecithin and Organic Phosphorus, presented in a form which permits of immediate and complete assimilation.

The Lymph Compounds have a direct tonic effect upon the Cerebral Cells, Spinal Cord and Heart and Unstriped Muscle Fibre.

Many hundreds of reports of cases treated by the Lymph Compounds (Lowenthal) have been received from practitioners. Every report indicates that the Compounds are powerful nerve cell tonics and compensators, and that they are especially indicated in mental cases where there are functional psychoses.

A careful examination of the formulæ of the Lymph Compounds (Lowenthal) will demonstrate to physicians that the harmonious action of each of the ingredients incorporated *must* be perfect. They are all potent tonics, as well as being active compensatory and stimulative agents, and they act directly upon the cells of the organs and tissues of the body.

All conditions in which there exists a need of nerve cell stimulation and compensation cannot fail to materially benefit by the exhibition of these Compounds. It has already been stated that the Lymph Compounds (Lowenthal) contain more Lecithin than any other preparation. It is equally true that they contain more Spermatic elements than any other preparation.

All the literature on Organotherapy by the leading authorities and scientists of the world is unanimous that spermatic elements have a very special and decided influence upon cell stimulation and cell compensation.

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In the course of a heavy correspondence with practitioners many questions have been asked and answered in respect to the Lymph Compounds (Lowenthal). Some of these queries and replies are summarized below.

*When the Lymphoid Compound is given by the mouth, does not the gastric juice change or render ineffective the constituents of the products?*

This is not the case, for if it was so, the striking results constantly reported from the administration of the treatment would not be obtained.

Secondly, it has been demonstrated that if Thyroid Extract be administered in certain quantities to a nursing mother by the mouth, the infant can develop thyroidism, thus proving that the derivative passes into the milk, meeting with no obstacle.

Thirdly, an exhaustive study as to the effect of passing tuberculin and other emulsions through the lining walls of the intestinal tract has been made.

It has been clearly proved that such action is not only possible, but that it can be done without a change in the character of the agent employed.

*Are not the Products empirical?*

In the sense that the precise mode of action of the constituents of the Compounds cannot be demonstrated, the products *are* empirical.

As to the ultimate results of adequate administration of the preparations however, practitioners are referred to the reports included in this brochure, for conclusive evidence. When such permanent and positive results are obtainable from the exhibition of any agent, scientifically prepared, what matters it that the actual *modus operandi* cannot be set out in detail for the present?

Can it be disputed that in the case of every therapeutical agent, or combination of agents, an idea (based upon scientific knowledge of their properties) that they *ought* to produce such and such a result, originated in the brain of the discoverer, and that those preparations later became accepted, and widely employed, because it was discovered, from the results of clinical observation, that the theory was a correct one, and that the anticipated results could, as a matter of fact, be definitely secured? This is precisely what has happened in the case of the Lymph Compounds (Lowenthal).

In these days of enlightenment there are surely but very few who would consistently maintain that suffering patients must wait until the precise mode of operation of a therapeutical agent (in respect to which an abundance of clinical evidence as to its value exists) has been fully demonstrated.

Some day, in all probability, the precise nature of the internal glandular secretions will be definitely known and proved. Until then one must rest satisfied with the proved clinical data and the theories based on observation of Organotherapy in general, and also with the striking and indeed remarkable results which are being constantly secured in conditions of the most troublesome character, by the practical application of that data and those theories.

One of the most eminent of consulting physicians has written:—

“We are still compelled on many occasions to employ empirical methods. Successful treatment must depend to a great extent upon the power of the practitioner to employ empiricism in individual cases.”

Another consulting physician, equally eminent, has written:—

“Much of the best medical practice is empirical. Rational empiricism has never held a higher place in the history of medicine than to-day. We should not forget that empiricism has often anticipated scientific discovery in medicine. Clinical experience alone has certified the nature of some agents, whose action the scientist has long subsequently learnt to explain. There are still many remedies, of which the efficacy is well assured, but whose exact action remains to be explained on a scientific basis. There is undoubtedly a growing loss of faith in drugs.”

If the method of treatment be brought to the touchstone of clinical experiment and observation, and is certified as of definite therapeutical value by careful and prolonged experi-

ment and research, as in the case of the Lymph Compounds (Lowenthal), and Ovammoid Co. (Lowenthal), then, it is submitted, that that method of treatment must of necessity be welcomed by the enlightened practitioner, anxious for results, even though more or less empirical.

*Although it may be readily understood from an examination of the formulæ, that the products can be of service in conditions arising from FUNCTIONAL disturbance, upon what ground is the claim that the treatment can be of definite use in conditions involving organic change, based?*

Strikingly successful results have been definitely obtained and certified to by many practitioners in diseases involving organic change. A reference to the reports from practitioners reproduced in this brochure, will confirm this. In the great majority of cases of organic disease in which the products are exhibited, other methods of treatment, including Iodide of Potassium, Mercury, and other forms of drug treatment, as well as other therapy, have been previously employed without success.

This fact notwithstanding, the degenerative process has been reported as definitely arrested, and the main symptoms markedly modified, by the action of the products (usually in Serum form, or Capsules and Serum conjointly). Such results would never be reported at all if treatment had no definite action after administration.

If a specialized cell is degenerated, it is practically dead so far as its special functioning is concerned. From a scientific standpoint it is absurd to discuss the possibility of restoring that cell even one step towards its original condition.

Therefore in degenerative and organic diseases affecting specialized cells, the only hope, now and ever, is to stop the progress of degeneration, and to accomplish, as far as possible, a compensation.

To deny the possibility of providing compensation in organic degeneration is to deny every-day occurrences. There is probably not one practitioner of wide experience who has not knowledge of cases of indisputable organic disease, which have never been and never will be cured, *theoretically or absolutely*, but in which sufficient compensation has been afforded from one source or another to enable the patient to live in comparatively good health for many years, and eventually to die of some other disease.

That the instinctive tendency of nature herself is towards compensation for structural insults is not arguable. Such common examples as the wholly adequate compensatory thickening of the heart wall in valvular deficiency, and the maintenance of health, at or near the ordinary level, upon the loss of one kidney or one lung, by compensatory changes in the remaining one, corroborate that statement.

In view of these facts, it is surely a rational postulate that powerful and direct cell tonics, stimulators and compensators, as the Lymph Compounds (Lowenthal) have been demonstrated to be, provide the best possible means of assisting Nature in her compensatory efforts.

The provision of sufficient compensation by the administration of the requisite and only suitable material, so as to cause the undegenerated cells to take up the work, only partly performed, or laid down altogether, by the crippled and destroyed cells, is the office which has been proved to be successfully performed in case after case of organic disease by the Lymph Compounds (Lowenthal).

*Is it not possible that many of the striking results reported by practitioners from the employment of the products, are due to "suggestion" only?*

In certain types of a few intangible conditions accruing from functional disorder "suggestion" might conceivably be thought to explain the action of a therapeutic agent, but the conditions in which the Lymph Compounds (Lowenthal) are employed, and in which complete and permanent recoveries, or else (in organic diseases) a definite arresting of the degenerative process have been obtained, are conditions which are not amenable to psychotherapy.

"Suggestion" alone has never yet produced a radical and permanent result in a tangible morbid entity of a chronic type, and never will. No practitioner or scientist of experience will seriously debate the potency of "suggestion" in chronic degenerative, atrophic or inflammatory lesions.

No conceivable psychic influence can permanently compensate for, or arrest, the progress of lesions in the fixed cells of the body, neither can any such influence restore normal metabolism, secure proper glandular functioning, or secure that the chemistry of the organism shall be efficiently regulated.

Reports frequently come to hand from practitioners in respect to cases which recovered by the employment of the Lymph Compounds (Lowenthal) long ago. Those reports are to the effect that the definite benefit then obtained has never been lost, and that the patients are enjoying normal functioning capacity. In none of the cases could "suggestion" have had any more permanent influence than a whisper upon the great pyramids of Egypt.

*Why are the indications for the products so varied, so wide and so dissimilar?*

The work to be done, and which is actually accomplished by the products, is to strike at the origin of each condition in which the treatment is indicated, and thus to permanently remove the cause of the trouble as well as its symptoms. It is true that the conditions in which the products are indicated are varied, and, in some instances, apparently disassociated.

Nevertheless, the Compounds are *not* in any sense "cure-alls," nor are they ever claimed to be such. An examination of the complete list of indications, will establish the fact that every one of them may, and most frequently does, have as its antecedents cell degeneration, metabolic disorder, irregularity of functioning, defective oxidation, auto-intoxication, or disturbances of the vaso-motor and sympathetic nervous systems.

It is owing to the potent compensatory and stimulative effect of the treatment upon these *sources* of disease that the permanent recoveries, continually reported, are attributable.

*Why do you include glycerophosphates in the formula of the Lymphoid Compound (Lowenthal)? How am I to know that the results reported from the exhibition of the products may not be justly attributed to the action of the glycerophosphates only?*

The glycerophosphates are included merely by way of side treatment and for the promotion of appetite. The great majority of cases placed under treatment by the Lymphoid Compound (Lowenthal) are those in which, previous to the adoption of that treatment glycerophosphates had been employed without any success, and yet, notwithstanding, those same cases have yielded completely and permanently to the action of the Lymphoid Compound (Lowenthal).

The Lymph Serum (Lowenthal) contains no glycerophosphates at all, and neither does the Ovamammoid Compound (Lowenthal), and yet in respect to both these products the results secured are equally as striking and as satisfactory as in the case of the Lymphoid Compound.

In view of all these facts, it must be definitely admitted that the glycerophosphates included in the formula of the Lymphoid Compound are by no means indispensable, but merely an auxiliary to the main constituents, namely, the organic derivatives, the absence of which latter could but be productive of negative or, at the best, very unsatisfactory and incomplete results.

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Many aspects of physiology and pathology have been already revolutionized by the results of the study of glandular physiology. By the penetration of the "jungle of metabolism" thus far, there have been discovered facts of the profoundest significance and importance. The continuous investigation of the character and office of the secretions and hormones of the ductless glands is yielding results which add agents of enormous value to the equipment of the modern practitioner.

Ott has recently written:—

"The human organism has secretions which have hitherto been unsuspected, and which do and must play a most important part in our economy. Most potent

are the secretions of the ductless glands. We observe in the results of their action the simple external manifestations of the great forces at play in the nutrition of the organism."

In Organotherapy more than in any other branch of therapeutics, bio-chemistry is enlisted for the assistance of the organism when its own bio-chemical mechanism needs readjusting.

The intimate association between man and the biological world is recognized by science to-day as it has never been before. There is now no dispute as to the fact that he represents the highest type of organisms, that his functions and organs are highly specialized, and, more important than all, that the same biological laws which govern the lowest types of life, govern him also.

The laws of biology must therefore for ever be essential considerations in the minds of those whose methods of treatment are modern and scientific. It has been well said that the trend of modern therapeutics must increasingly be in the direction of "driving health in" rather than in that of "driving disease out."

The *causation* of disease must increasingly be the subject of scientific treatment rather than the amelioration of symptoms alone.

The chief object of the conscientious practitioner of to-day is indubitably to preserve and prolong life and to mitigate suffering. He knows that experiments and research are yielding new facts which are altering earlier conceptions, and that further advances in chemical knowledge, and the study of nitrogenous metabolism, are enriching therapeutics.

No one knows so well as he that the heavy demands of a busy practice leave him but little leisure to enable him to keep abreast of the latest developments in scientific chemistry and the results which are being secured from their application.

To such, a resumé of those results must be a convenience; for, given a method of treatment the scientist basis of which is admittedly sound, and the clinical results of which are attested by numerous members of his profession, sufficient *prima facie* evidence is in his possession to justify his making at least a trial of that method of treatment in his own practice.

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It was Bacon who said:—"The whole art of Medicine is observation." The renaissance of Organotherapy is as certain as its advent has been rapid. That revival is solely due to the results achieved by modern and scientific observation.

It is a striking and most interesting fact that not one Organotherapy product which has ever been introduced, and which has been scientifically prepared, has been discontinued by reason of its failure.

Calf Lymph, Diphtheria Anti-toxin, Pepsin, Pancreatin, Thyroid Extract, Suprarenal Extract, Parathyroid Extract, Thymus Extract, Testicular Extract, Brain Extract, Spinal Cord Extract, Lymphatic Gland Extract, Ovarian Extract, Mammary Gland Extract, Pituitary Extract, etc., have all come to stay, because from their employment it has been ascertained that results of a more definite and permanent character can frequently be obtained than by drug treatment or any other therapy.

Exhaustive clinical experience, constantly repeated, has demonstrated to the exclusion of all doubt, that those pluri-glandular products, the Lymph Compounds (Lowenthal) are based on correct scientific principles, are therapeutically of exceptional service, and are the latest advance in scientific Organotherapy.

As long ago as the 15th century Venturi said:—

“Theory is the General, Experiments are the soldiers, and Experience is the interpreter of the artifices of Nature.”

In the evolution of the Lymph Compounds (Lowenthal), the scientific theory of the possible provision of natural material, derived in an active state from the animal kingdom, and transferred to the human organism in an active and aseptic condition, to compensate for injuries, to secure the due regulation of organic and glandular functioning (and hence normal metabolism), and to secure the requisite balance in the chemistry of the organism, formed the sole basis of the exhaustive experiments which were carried out.

Clinical experience amply confirmed the theory, and since then, ten years' wide experience and observation has proved, to the exclusion of every doubt, that not only are the “artifices of Nature” correctly and successfully interpreted in the Lymph Compounds (Lowenthal), but that, more important still, practitioners have at their disposal, in these scientific products, very potent weapons for effectually overcoming both the causes and symptoms of those diseases in which they are indicated.

By the timely and adequate employment of those weapons it has been proved abundantly that the dire results of fatigue and metabolic disorder can be rapidly, effectually, and permanently eliminated, and that those inevitable changes of degeneration to which the human body must always be prone, can be certainly arrested, and life consequently prolonged. These results, it has been amply demonstrated in practice, can be secured, not only in those cases in which no other therapy has been previously employed, but what is more vitally important, in those cases in which Drug treatment, Hydrotherapy, Electro-therapy, Rest Cures, etc., have failed.



NOTE—Practitioners will readily understand that etiquette prevents the publication of names herein. Nevertheless, the following reports and statements of facts are guaranteed to be absolutely authentic.

These reports are **representative** of numerous others which are upon record, and of many more which constantly come to hand, day by day, throughout the year.

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## REPORTS

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### NEURASTHENIA.

F.R.C.S., L.R.C.P.I., writes:—

"My patient, A. W., *æt.* 42, suffering from Neurasthenia with Rheumatic diathesis, had prior to the exhibition of the Lymphoid Capsules, followed medical treatment, and also courses of Hydrotherapy and Rest Cures during a period of some three years. In this case the Neurasthenia was due to disordered Metabolism. There was marked Anæmia, Functional Derangement, Dyspepsia, Insomnia, and Hysteria. The patient's condition was, therefore, little short of a complete nervous wreck. As an instance of the cumulative effect of the treatment, I mention that although the patient was sensible of improvement immediately after taking the first dozen or so of the Capsules (an experience which she failed to notice during the following two months), yet no tangible benefit resulted until the treatment has been exhibited for three months. At this period, namely, about the beginning of December, the patient was able to take regular meals of a light description, she could rest better at night, and was beginning to evince some pleasureable interest in existence. This improvement was more pronounced during the following month, and by the beginning of February she was practically well. At my last visit, two months ago, I found an increase in weight of upwards of 14 lbs., the patient was passing a good proportion of her time in walks and outdoor exercises, and was rarely enjoying less than eight hours' sleep every night. It is noteworthy that the patient's present condition is now 90 per cent. better than before commencing the treatment, and also that the benefit is likely to be permanent. The patient is delighted with her progress."

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M.D., F.R.C.S. (EDIN.), writes:—

"With regard to my patient who has been taking Lymphoid Compound Capsules (Lowenthal) for Neurasthenia, I have to say that he is most certainly definitely improved."

M.D. (EDIN.), states:—

"In both cases of Neurasthenia in which I have prescribed the Lymphoid Compound, the results have been distinctly good."

M.D. (DURH.), states:—

"The case of Neurasthenia in which I am giving injections of the Lymph Serum (Lowenthal) is exhibiting marked improvement."

M.D. (BRUX.), M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"I have lately been prescribing your products extensively, and have had satisfactory results generally. One of my patients especially, who was Neurotic and irritable, benefited greatly."

L.R.C.P. (EDIN.), writes:—

"The Capsules which I ordered from you were for myself. I had been suffering for a long time from Neurasthenia, and I have gained very considerable benefit from the treatment already."

M.D., Ch.B. (ABERD.), writes:—

"It gives me much pleasure to testify to the excellent result produced by your Lymphoid Compound in a serious case of Neurasthenia of long standing. Although this case had previously defied all other treatment, a very decided improvement set in after three months' treatment by the Lymphoid Compound, and that improvement is maintained."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"I am pleased to inform you that my patient suffering from deep Neurasthenia, and who has occupied the position of buyer to a large firm, has derived so much benefit from the Lymphoid Compound which I prescribed for him, that he is anxious to practically express his appreciation for what the treatment has done, by sending all his friends suffering from Nervous disturbance to me."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"Some time ago I prescribed your Lymphoid Capsules for a man suffering from intractable Neurasthenia, and his condition, which was serious, resulted from worry and overwork. Upon my last examination I found that he had derived immense benefit from the treatment, his symptoms having markedly subsided."

M.B., C.M., (ABERD.), states:—

"My patient was a case of very marked Neurasthenia. She was a very bad case, but she is deriving great benefit from the treatment. I have also prescribed the Capsules for myself, and find that they do me great good."

M.D. (LOND.), writes:—

"My wife is now about to take her third box of the Lymphoid Compound Capsules. She began to show signs of improvement in her health after the first three weeks of treatment. Since then, the improvement has become more and more marked, and she is now very well indeed. She has not been like this for years."

M.R.C.S. (ENG.), L.C.R.P. (LOND.), states:—

I have now placed four cases of Neurasthenia (with mental trouble) under treatment by your Organotherapy products, and my results have been good in each instance. I am very satisfied."

M.B. (LOND.), M.R.C.S., L.R.C.P. (ENG.), states:—

"I am pleased to tell you that the case of Neurasthenia which I placed under your treatment a year ago, and which received so much benefit from it, still remains well. The result has certainly proved to be a permanent one."

M.D. (DURH.), L.R.C.S.I., writes:—

"I have recently been treating with your Lymphoid Compound two troublesome and intractable cases of Neurasthenia. One case was that of a man who had been suffering from this condition for a long period, and in whose case every other method of treatment had proved ineffective. I gave him Serum injections for two months, and at the end of that time he was so much better that he was able to get up. I then gave him injections for a month, and by the end of that time I had secured a complete recovery."

"My second case was that of a woman also suffering badly from Neurasthenia. She had consulted many specialists abroad, and had been to most of the health resorts in England without benefit. I prescribed the Lymphoid Compound Capsules, and these were administered for three months, by which time the improvement was so great that the patient had practically recovered."

M.B. (OXON.) states:—

"I am so satisfied with the result which I have secured from the Lymphoid Compound (Lowenthal) in my case of Neurasthenia that I intend to prescribe it for all suitable cases."

M.B. (EDIN.), states:—

"The cases of Neurasthenia which I have placed under treatment by your Capsules, now number four, and they have derived so much benefit from one month's administration only, that I have been able to discontinue the treatment altogether. I am more than satisfied with my results."

M.B. (LOND.), M.R.C.S. (ENG.), states:—

"I am able to send an excellent report as to the result of the Lymphoid Compound in my case of Neurasthenia with mental instability. This patient had been suffering from deep Neurasthenia for a long period, and symptoms of mental disturbance were increasing. I administered the Capsules for two months altogether. At the end of that time the Neurasthenia had entirely disappeared and the mental condition was normal. In other words, the recovery was complete."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"Excellent results have been obtained by me in two troublesome cases of Neurasthenia which I have treated with your Capsules. One of the patients was a Bank Manager whose condition was highly neurotic. The patient could not leave his work (which was of a trying character), while under the treatment. Nevertheless, the ultimate result was very satisfactory to him and to me. Both my cases were under treatment for two months only."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"I have given the Serum injections to a patient suffering from Neurasthenia, who has also optic atrophy. I prescribed the Serum for the Neurasthenia, and the patient has greatly improved after only twelve injections."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"My case of Neurasthenia under the Lymphoid treatment has definitely improved, notwithstanding the fact that the patient has only been under treatment for thirteen days."

L.R.C.S.I. states:—

"I am exceptionally pleased with your Organotherapy products because of the results which I have secured from their employment, especially in Neurasthenia. I am quite sure that all practitioners who prescribe them in cases of nervous and mental disturbance will share my opinion."

M.D. (DURH.), writes:—

"I am sure that there is great value in your Lymph Compounds inasmuch as my oldest-standing case of Neurasthenia and the most troublesome one has shown the best result."

M.D. (DURH.), writes:—

"I have used your products in a very old-standing case of Neurasthenia which has lasted for a good many years. The results have been most gratifying, and the patient is certainly much better."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"The Chemist who had been suffering very severely from Neurasthenia, and who had been unable to work for a long time, and who I placed under treatment by your Lymph Serum, has, I am glad to say, quite recovered and is able to return to his work, after two month's treatment only."

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M.D., Ch.B. (ABERD.), writes:—

"It gives me much pleasure to testify to the good results which I have secured by your Lymphoid Compound in a serious case of Neurasthenia of long standing. The case had previously defied all other treatment employed, but now there is a very decided improvement after ten week's treatment.

"Another case of Neurasthenia, not of so long standing has improved most satisfactorily after only four week's treatment."

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M.B., Ch.B. (GLAS.), states:—

"I have had at least half a dozen cases of Neurasthenia under your Lymphoid Compound treatment, and the results have been good in *every* case. One case was that of a man who had been very neurotic for a long period and occasionally had fits which a specialist diagnosed as Epileptic. Bromides were given but the patient got worse. It was found afterwards that the patient was suffering from acute Hysteria. I gradually stopped the Bromides and put the patient under treatment by the Lymphoid Capsules for six months. At the end of that time all the Neurasthenic conditions had vanished and the fits had ceased and have not returned.

"Another case was a man suffering from Neurasthenia in a severe form. He became so ill that he had to remain in bed, where he used to lie and had crying fits of long duration. I prescribed for him the Lymphoid Capsules, and after treatment he was able to get up and return to his work, and he is now quite well."

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M.D. (GLAS.), states:—

"I send you an interesting result which I have obtained in a case of Neurasthenia with the assistance of your Lymphoid Compound. The patient was a girl who for four years previously had been very neurotic. All the usual remedies failed to relieve the symptoms. I prescribed the Lymphoid Compound and made her continue it for three months. She is now cured. She tells me that all her friends are remarking on the great difference in her health and appearance."

M.B. (EDIN.), writes:—

"Under treatment by your Lymph Compound I have placed a patient suffering severely from Neurasthenia in whose case many forms of treatment had been used without any result. The patient is about 50 years of age, complained of great depression and nervousness and was greatly troubled in addition by a 'peculiar nervous pain' in the pit of the stomach. He took little or no pleasure in life and was unable to fix his mind on, or to think of, anything but his ailment. I have given him 100 of the Capsules and 120 minims of the Serum, as a result of which he is so remarkably better that he is going off next week for a few week's holiday."

M.B. (EDIN.), writes:—

"I have to report that my patient who was a Neurasthenic of an exaggerated melancholy type and in constant dread lest he would 'do something to himself,' and indeed would not venture out alone for this reason, is now completely recovered, and is again actively engaged in his professional work. I definitely believe that your Lymph Compounds played *the* important part in his recovery."

M.B. (DURH.), M.R.C.S., L.R.C.P., states:—

"There has been a remarkable result in the case of a neurotic woman which I had under treatment by the Lymphoid Compound about two years ago, the condition following the nursing of her child. For a long period menstruation had ceased. In addition her nervous system was in such a state that she was afraid to even enter her husband's motor-car, and afraid to go out shopping. I prescribed the Lymphoid Compound Capsules (Lowenthal) for her, and I saw the husband after treatment had been administered for some weeks. He told me that there was a wonderful improvement in his wife's condition. The nervous symptoms had entirely disappeared, she was now quite cheerful and could motor and go out shopping without any sign of fear. In fact, he said, "she is quite a different woman."

L.R.C.P., L.R.C.S., L.F.P.S. (GLAS.), states:—

"For three months past I have been treating a patient, a woman, *æt.* 42, suffering from deep Neurasthenia, with your Lymphoid Compound (Lowenthal). When she came to me her condition was so bad that she was unable to go out into the street alone, and was unable to visit theatres, or any places of amusement. She had been in this condition for two years previously. I gave her the Capsules for three months in all. At the end of the time she had quite recovered and her health is now all that can be desired."

F.R.C.S., L.R.C.P. (ENG.), states:—

"The case for which you sent me the Lymphoid Capsules is doing exceedingly well, while the neurotic conditions are much better. The patient is now able to go out without any fear, which was not the case before."

M.D., Ch.B. (EDIN.), states:—

"I am highly satisfied with the results which I have secured from the Lymphoid Compound (Lowenthal) in three cases of nervous breakdown and brain exhaustion in Army men, resulting from overwork for Army examinations.

"Case 1. Patient 30 years of age under treatment by Capsules for one month. At the end of that time he was able to discontinue the treatment and was well.

"Case 2. Patient about same age as No. 1. I placed him under treatment for one month, and he then sailed for India, being quite well enough to take duty.

"Case 3. Patient about 30 years of age. Very badly neurotic. His mental condition was much out of balance and he had suicidal tendencies. He called on me at 3 o'clock one morning to say how ill he felt. I put him on the Capsules for three months, by the end of which time his recovery was complete.

M.B., M.R.C.S. (EDIN.), states:—

"I have been able to secure great relief for a patient, a woman of 37, suffering from severe Neurasthenia and severe headaches, and who had been so suffering for a long time. She has now gone abroad, the headaches having been overcome, and her nervous condition having become stable, as a result of the treatment."

M.B., M.R.C.S., L.R.C.P. (LOND.), states:—

"A case—one of pronounced Neurasthenia in a man, *æt.* 37, has responded very satisfactorily to the treatment. When he came to me he had been a victim of the disease for nearly two years. After giving him the Lymphoid Compound for two months a marked benefit has resulted, and his condition is now quite normal. Every sign of the trouble has disappeared."

M.D. (DUB.), L.R.C.P.I., writes:—

"I am pleased to inform you that the patient under Lymphoid Compound treatment has considerably improved. This I consider due to your preparation entirely. I may add that in my opinion our resources for the therapeutics of the central nervous system have been greatly increased by the introduction of your really efficient preparations."

M.B., M.R.C.S., L.R.C.P. (LOND.), states:—

"A man, æt 40, who had been suffering from severe Neurasthenia, came to me two years ago for treatment. He informed me that he had been in his then condition for the past few years, and was going from bad to worse. He was extremely depressed and melancholic and wanted to commit suicide. I prescribed your Lymphoid Compound treatment and the Capsules were administered for four months with gradual improvement from the first. At the end of the fourth month all the symptoms of his condition had cleared up and the patient was able to return to his responsible work. Although I secured this result, as stated, nearly two years ago, the result has been quite permanent.

"I may say that the cases which I have placed under treatment by your Lymphoid Compound, were *bad* cases, and I know of no other method of treatment from which such marked results could have been secured."

M.B., B. Ch. (EDIN.), writes:—

"In my previous letter I referred to a very obstinate case of Neurasthenia associated with enlargement of the Thyroid. For several weeks he made no progress under Weir-Mitchell treatment, so all treatment was discontinued and he has had a course of the Lymphoid Capsules. The patient began to improve immediately, and now he has practically regained his normal health. He has increased in weight, his mental condition has cleared up and become quite stable, and the enlargement of the Thyroid has disappeared.

"This result is certainly very gratifying, and I think it only fair to tell you about it."

M.R.C.S., L.R.C.P. (LOND.) states:—

"My case of Neurasthenia with Gout has cleared up quite satisfactorily. There has been no return of the Neurasthenia nor of the Gout symptoms."

L.R.C.P. (LOND.), states:—

"I am gratified with the results obtained by the Lymphoid Compound in my obstinate case of Neurasthenia, and may tell you that your product is the only one that has done the patient any good."

M.D. (DURH.), M.R.C.S., L.R.C.P. (LOND.), states:—

"I am quite pleased with my results in Neurasthenia. Nearly all my cases having shown marked improvement. I shall certainly continue to prescribe the treatment."



M.D., M.R.C.S., L.R.C.P. (LOND.), states:—

"The case of Neurasthenia which I have had under treatment has greatly benefited. The patient is now quite well. I think this result remarkable, as he now goes about alone and enjoys himself, whereas before treatment was commenced he was afraid even to go outside the house. He is so well that he can now attend to business. This case was an extremely bad one, and I should not have been surprised if the treatment had proved a failure, as had many other forms of treatment."

M.D. (GLAS.), C.M., D.P.H. (CAMB.), states:—

"My case of Neurasthenia was quite cured by the Capsules. There has been no return of the symptoms."

M.B., L.R.C.P., M.R.C.S. (LOND.), writes:—

"The patient under the treatment, suffering from complications, the principal trouble being Tachycardia and deep Neurasthenia, has improved greatly, and I am very pleased with the results.

"It is the worst case I have ever seen. The patient has been on her back and confined to her room for three years. To-day she has come downstairs (by herself) for the first time."

L.R.C.P., L.R.C.S. (EDIN.), states:—

"I have had a very bad case of Neurasthenia under treatment by the Lymphoid Compound. The patient has greatly improved. He is much brighter, and now takes much more interest in his personal appearance and in everything generally. In addition, he has now regained his lost potency."

M.D. (EDIN.), writes:—

"Please send me a further supply of Capsules for my case of Neurasthenia (long standing since 1902). He has done no work since 1909. He says the Capsules have made him feel as well as when he was a schoolboy."

M.D., C.M., D.P.H. (EDIN.), states:—

"I am getting good results. One case of bad Neurasthenia (a girl), which was practically Melancholia, started to improve immediately. The results are excellent."

M.B., C.M. (GLAS.), states:—

"I have had good results in cases of Neurasthenia. I have a good opinion of the products. I know a retired medical man who took the treatment for his Neurasthenia and has completely recovered."

M.D., C.M., F.R.C.S. (EDIN.), states:—

"I have had some excellent results in Neurasthenia. I gave a prescription to the Secretary of an important hospital, suffering from Nervous Breakdown, and he commenced to benefit markedly after treatment for only a few days."

M.B., M.R.C.S., L.R.C.P. (LOND.), states:—

"I have had a patient under your serum treatment, suffering from Neurasthenia, complicated by Intestinal Toxæmia. She has derived much benefit from the injections, and her nervous condition has much improved."

M.D. (EDIN.), states:—

"I have had another success in a case of bad Neurasthenia. The patient was unable to walk, but after six weeks' treatment she is considerably better, and is now able to go away for a change."

M.D. (EDIN.), states:—

"I have had two cases of Neurasthenia under treatment and am pleased with the results. One patient complained of no improvement after one month's treatment and wanted to discontinue, but I insisted upon three month's treatment, which was followed out, and the patient quite recovered."

M.D. (GLAS.), writes:—

"The patient who is taking the Capsules suffered from Neurasthenia and difficulty in walking, especially in a straight line. He has not been taking the Capsules for quite a fortnight yet, and the change for the better is already well marked. The patient expressed himself as feeling much better quite spontaneously."

L.R.C.P.I., writes:—

"My patient, whom I have been treating with your Lymphoid Compound (Lowenthal), and who was suffering from Neurasthenia and Hysteria with greatly disturbed metabolism (a complete nervous wreck in fact) is delighted with her progress, and so am I."

M.B., C.M. (GLAS.), states:—

"A very serious case (a borderland case) of Neurasthenia has been placed by me under treatment by the Lymphoid Compound (Lowenthal). The patient held an important appointment in the Civil Service. So serious was the case that his arms, legs and speech were all affected. The trouble has, after the treatment, been definitely arrested. He has now regained control of his limbs and his speech. He is in good spirits. I am so gratified with this result that I shall certainly prescribe for further cases."

M.R.C.S., L.R.C.P. (LOND.), states:—

"The very bad case of Neurasthenia which I have under treatment is now much better after administration of the Capsules for only six weeks."

M.R.C.S., L.R.C.P. (LOND.), states:—

"I am very pleased with my results from the administration of the Lymph Compounds (Lowenthal). **I have now prescribed them on 90 occasions, and every case has benefited.** I believe the products to be most useful in Neurasthenia, Nervous Exhaustion, Muscular Fatigue, and Functional Nerve troubles."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"In the following cases, of which I have kept definite notes, the result of the administration of the Lymphoid Compound Capsules has been so marked that you will probably be interested in the details.

"W.R., æt. 27, an actor, came to me complaining that he was becoming very nervous at each performance, often forgetting his lines, and constantly dreading the moment that he might break down. He also feared he had consumption. He had no physical signs of any organic disease; his knee-jerks were abnormally brisk and hands tremulous.

"Three weeks' complete rest in the country, with tonics, did but little good, and he came back in practically the same condition. On commencing work again he started the Capsules, and there was a marked improvement after taking 50. On finishing a course of 100 Capsules he had completely lost all the symptoms he told me of in the first instance, and he had gained 6 lbs. in the meantime.

"On seeing him again five months later he was still in perfect health, and had been at work steadily all the time."

M.D. (GLAS.), states:—

"I have been treating with your Lymph Serum a troublesome case of deep Neurasthenia, the patient being an army officer. He told me, when he came to me, that he was incapacitated from attending to his military duties, and that his life was not worth living.

"I prescribed for him the Lymph Serum (Lowenthal), and later the patient sailed for Gibraltar, taking the serum with him, in order that the injections might be continued.

"The patient has just returned to England, and reports that he has completely recovered, that the Neurasthenia has disappeared, and that he has been able to take up his post again and can carry out his duties well."

M.D., L.S.A. (LOND.), states:—

"I have prescribed your Lymphoid Compound Capsules (Lowenthal) and Ovammoid Compound Capsules (Lowenthal), conjointly for a patient who was considerably run down, and getting very thin, and who was also very neurotic. The cause of the trouble was probably due to the fact that she had had three children in quick succession. After giving her the conjoint treatment for several weeks, I have noted a marked change for the better; she is considerably more cheerful, she has put on and is putting on weight, and the neurotic symptoms are passing away."

M.R.C.S., L.R.C.P. (LOND.), states:—

"Some time ago a woman, *æt.* 34, consulted me. She told me that she had come to England from South Africa on account of her nervous condition, and that she had been a sufferer from nervous disturbance for several months before she came to me. I found her to be suffering considerably from Neurasthenia of a severe type, and she was, in addition, very emaciated. I prescribed the Lymphoid Capsules and continued the treatment for a period of between three and four months. At the end of this period of treatment I found that her recovery was complete. All the neurotic symptoms had disappeared and the emaciation no longer troubled her, and upon comparing her weight with what it was when treatment was commenced, I found she had gained 28 lbs. This patient has now returned to South Africa quite fit and well, and normal in every respect. A most gratifying success."

#### POST-INFLUENZA AND POST-OPERATION NEURASTHENIA

L.R.C.P., L.R.C.S. (EDIN.), states:—

"I have secured an excellent result in my case of Post-Influenza trouble."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"I have had under treatment by the Lymphoid Compound (Lowenthal), a youth suffering from Neurasthenia following upon Influenza. Although all usual forms of treatment were tried in this case, previous to the administration of the Lymphoid Compound, there was no response, and the patient's condition remained unchanged. After the commencement of the Lymphoid Compound treatment, however, the patient commenced to improve immediately. The improvement has been steadily progressive. He is now in the country, and has practically completely recovered after only one month's treatment by the Capsules."

M.R.C.S. (ENG.), states:—

"My wife, who had been suffering from Post-Influenza trouble, is improving daily under the Lymphoid Compound; in fact, she is benefiting enormously. I am very pleased at this, because everything else has failed to do her any good."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"My patient, Miss E., is benefiting immensely by the use of the Lymphoid Capsules, and I am certain that she will soon be quite well."

M.R.C.S. (ENG.), writes:—

"I have been administering the Lymph Compounds (Lowenthal) in a severe case of Neurasthenia coupled with Insomnia, the after-effect of Influenza. The patient had been ill for three years, and complained of Depression, loss of appetite, loss of weight, Insomnia, inability to concentrate or to read, and Impotency. He stated that the symptoms were steadily growing worse. He had previously been treated by electro-therapy, massage, rest cures, and sea voyages, with a negative result. As a result, he was hopeless, both in regard to the success of any treatment and as to the possibility of a recovery. Upon examination I found that the knee jerks were much increased, the sight defective, stomach atonic, tongue furred, and the patient generally thin and wretched.

"After two weeks' treatment a slight improvement was shown. In three weeks he declared himself as feeling better, and from then he rapidly improved. At the end of six weeks he was practically cured, and the treatment was continued for another fortnight. He could then eat and sleep well; had gained several pounds in weight; had no difficulty in the matter of concentration, and his reflexes were normal. He has since carried on a great deal of brain work, and there has been no relapse."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"I have had a case of Post-Influenza Neurasthenia under treatment by your Capsules. The patient began to show improvement almost immediately after treatment was commenced. At the end of the first week's treatment she rang me up on the telephone and said that she felt so different that she thought I must be "a magician." The improvement is remarkable."

M.B. (LOND.), M.R.C.S., L.R.C.P. (ENG.), states:—

"I have employed the Lymph Compounds (Lowenthal) in a case of Post-Operation Neurasthenia with excellent results."

M.B., M.R.C.S. (LOND.), states:—

"Both my wife and myself have been under your treatment for Influenza and its effects, and we have both benefited very considerably. I have also placed other patients of mine under the treatment for the same trouble and have obtained satisfactory results in each case."

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M.B. (DURH.), M.R.C.S., L.R.C.P. (ENG.), states:—

"A society lady, a patient of mine, has derived considerable benefit from the Lymphoid Compound which I prescribed for her. She was suffering from the after-effects of Influenza and had Cardiac trouble as well.

"When she came to me she informed me she had sought advice from more than one physician, who informed her that she had heart trouble. In my own opinion, however, the real trouble was serious nervous disturbance, the result of fatigue caused by travelling about the country to fulfill her social engagements. I am exceedingly pleased with the results of the treatment in this case for it was a very difficult type of case to tackle. The lady has written to me from Scotland telling me how well she feels."

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M.D. (GLAS.), writes:—

"I have had good results in a case of Neurasthenia with Depression and Melancholia following Influenza. The patient had suicidal tendencies, but after only a month's treatment by the Lymphoid Compound (Lowenthal) his mental condition and general health has so greatly improved that he has been able to return to his duties."

#### NEURASTHENIA (Traumatic)

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"My patient—Miss K., æt. 26—a young lady of an excitable temperament, had a severe shock, due to an accident whilst driving a pony-trap. She was in a collapsed condition on reaching her home, talking incoherently, and slightly hysterical. She was kept in bed, and a light diet of Bromides relieved her. A week afterwards she was able to commence her duties, but found she could not continue, owing to fatigue, pains in her back, loss of appetite, and fearful dreams of her accident at night."

"I tried various drugs, Bromides, Valerian, and Strychnine, and she went away for a change to the sea

for three weeks, but with no definite improvement. I started her with Lymphoid Compound Capsules on her return, as she was unable to work. Most marked improvement was noted, and the patient rapidly improved, so much so that at the end of three weeks from the commencement of the Lymphoid treatment she was completely well.

"I can only attribute her cure to the Lymphoid Compound. I saw her recently, and she is perfectly well still, six months after her accident."

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L.S.A. (LOND.), L.F.P.S. (GLAS.), states:—

"Some time ago I placed under your treatment a severe case of Nervous trouble, resulting from an accident. I am pleased to say that the patient has already derived great benefit."

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M.D. (LOND.), M.R.C.S., F.R.C.S. (ENG.), states:—

"I have been treating two cases of Nervous disorder with the Lymphoid Compound. In both these cases the nervous disturbance followed accidents. The results in each case have been exceedingly good."

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L.S.A., L.F.P.S. (GLAS.), writes:—

"My own experience may be interesting to you. I was suffering from traumatic Neurasthenia in a bad form. I took 200 of the Capsules and got very little benefit from the first 50, but after the first 100 there was a distinct improvement, and by the time I had finished the second I had recovered most of my powers, and my nerves were distinctly better.

"I consider it was entirely due to the Capsules."

### PSYCHASTHENIA

M.B., C.M. (GLAS.), writes:—

"I am glad to say my patient suffering from Psychasthenia decidedly improved under the treatment."

### HYPOCHONDRIASIS

M.D. (DUB.), states:—

"The troublesome case of Hypochondriasis which I placed under the Lymphoid Compound treatment a short time ago exhibits marked improvement."

## HYSTERIA

L.R.C.S.I., L.R.C.P.I., states:—

"An excellent result has been obtained by me by prescribing your Lymphoid Compound Capsules (Lowenthal) in the case of a woman, aged 58, wife of a medical man, suffering from Hysteria. This patient was extremely neurotic and hysterical, would frequently sit down and cry for nothing and could hardly get about at all owing to exhaustion every time she attempted to walk any distance. She suffered from severe palpitation. There was a marked improvement in the condition of the patient after one month's treatment of the Capsules only. She is now able to walk a good distance without feeling exhausted and she does not experience palpitation at all. The nervous and hysterical symptoms being cleared up, I regard her as cured. I am exceedingly pleased with this result."

L.R.C.P.I., writes:—

"Your Lymphoid Compound has produced quite a remarkable result in a case under my observation. The patient was a woman who was suffering from Hysteria and also from circulatory disturbances, probably as the result of the advent of the menopause. The Lymphoid Compound has produced a most gratifying improvement."

M.B. (EDIN.), states:—

"I have had a peculiar case of nervous trouble under treatment by the Lymph Compounds. The woman had been in the hospital for five months suffering from, amongst other symptoms, constant tremors and ataxic gait. The treatment given at the hospital was ineffective, and she was discharged in the same condition as when she entered. After careful examination and observation I came to the conclusion that the patient was suffering from Hysteria, and nothing else, and I accordingly placed her under the Lymph Compound treatment. At the end of two months she was a different woman, the tremors having practically disappeared and the gait being normal."

M.B., Ch.B. (GLAS.), states:—

"Another case of Hysteria is doing well, although nothing else has done any good."

M.D., M.R.C.S., L.R.C.P. (LOND.), states:—

"I have had an exceptionally bad case of Hysteria (with Neurasthenia) under treatment by the Lymph Compounds. This case had baffled every other form of treatment that could be thought of. I am now securing



excellent results by the administration of the Capsules. There was a very decided improvement after the first fifty only.

"The patient is now able to play tennis, whereas before the treatment was commenced even the slightest exertion completely prostrated her."

### NERVOUS AND PHYSICAL EXHAUSTION

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"The case of Nervous Exhaustion which I placed under treatment by the Lymphoid Compound has exhibited an excellent result."

W.N.D., M.D. (TANEYVILLE, MO.), writes:—

"Mrs. C. A. S., age 76. Patient had been bothered for four or five years with her hands getting numb. All at once they begin to get worse very fast not knowing when she had a hold of anything, only as she saw it in her hands. If she took her eyes off it she was sure to drop it. Mornings when she would awake and would move her hands she would scream with pains that would shoot like lightning from the tips of her fingers to her shoulders. She got so bad she could not dress herself and growing worse fast. Her feet also began to bother her. She had a good appetite and seemed well every other way. I tried everything I could think of and what other physicians told me but she grew worse. I quit everything and gave her three Lymphoid capsules a day for a month. At the end of the month we seemed to have it in check at least it was no worse so I gave her a month's treatment at the end of which she had improved greatly so I kept her on the capsules another month. At the end she seemed entirely well. It has now been over four years and no sign of return.

M.D. (LOND.), M.R.C.S., L.R.C.P. (ENG.), states:—

"I have now had about ten cases under treatment by the Lymph Compounds. They have been mostly cases of nervous exhaustion, and my results generally have been most satisfactory. One case did exceptionally well. The patient was a woman suffering from exhaustion and nervous disturbance. She suffered greatly from pain in the region of the spinal column. Many forms of treatment were tried, but without any success. I prescribed the Lymphoid Compound Capsules for her, and kept her under the treatment for two months. I found then that all the symptoms had cleared up and the pain had ceased to trouble her. I received a letter from her recently in which she tells me that she feels quite fit and strong and is able to do her work without any inconvenience."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), writes:—

"It gives me pleasure to tell you that in the case of the patient suffering from nervous and mental breakdown owing to overstudy, the Lymphoid Compound has already effected a decided improvement."

M.B. (DURH.), M.R.C.S., L.R.C.P. (ENG.), states:—

"A woman, age 29, recently came to me suffering from a nervous breakdown and stammering badly.

"I gave her 38 injections of the Lymph Serum, after which I found that not only had her nervous symptoms disappeared, but the stammering had disappeared also.

"I consider her to be cured, and I am very pleased with the result of the treatment in this case."

M.D. (LOND.), states:—

"I myself have suffered for a long time from Nervous Exhaustion, resulting in a breakdown, and tried all the usual methods of treatment without result. After the administration of the Lymphoid Compound for six weeks only I improved wonderfully, and I am now quite well. Your treatment is the only one from which I derived any benefit at all."

### SEXUAL NEURASTHENIA

L.S.A. (LOND.), states:—

"A troublesome case of Sexual Neurasthenia in a male patient has done excellently as a result of the administration of the Lymphoid Compound Capsules.

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"I have secured quite good results in Sexual Debility from the exhibition of the Lymphoid Compound (Lowenthal)."

L.R.C.P.I. writes:—

"The Lymphoid Compound has produced a most gratifying result in a case of Sexual Neurasthenia, in a man, æt. 51, under my observation. The success has been most marked, and, in my opinion, could not have been obtained from any other mode of treatment."

L.S.A. (LOND.), writes:—

"In reply to your enquiry I have pleasure in stating that the case for which I have tried your Capsules has shown marked improvement.

"The case was one of extreme Sexual Neurasthenia, of, I believe, syphilitic origin. The Neurasthenia had been pronounced for over 18 months; priapism with emissions were the result of walking or sitting in a 'bus or train. The patient was quite unable to work, had become greatly emaciated, and was completely self-

centred. Iodin and its various preparations had cleared up a gumma he developed in the mouth, but the pain in the back (spine), the emissions, and Neurasthenia were as bad as ever, and the sleeplessness, want of concentration, pain and sexual trouble continued.

"At the time he started your Capsules he had knocked off all syphilitic treatment, and on seeing him the other day I was astonished to see the improvement. He can now work, he has grown stout, says he has now got a grip upon himself, sleeps well. The pain in the spine does not worry him as it did, the emissions have stopped, and he is now able to walk comfortably and travel by train. This case has been so promising that I shall be only too pleased to use your remedy in any suitable case that offers."

(Second Report)

"I am pleased with the marked further improvement that has taken place since the patient has been under treatment with your preparations. He has gained nearly 28 pounds in weight during that time. He now gets absolute relief from all his troubles. I can confirm that previous to taking the Lymphoid Compound Capsules (Lowenthal) no drugs or preparations had the slightest effect in improving his condition, in spite of the fact that these included Lecithin, Phosphates, etc. I can simply reiterate my previously expressed satisfaction of the efficiency and usefulness of the preparation in this case."

M.D. (CAMB.), states:—

"I am satisfied with my results. I have had excellent results in Sexual Neurasthenia, and find that your products are superior to other remedies for this condition, because the usual accompanying unpleasant and painful action, such as excessive excitement and high blood pressure, is entirely absent."

M.D., F.R.C.S. (EDIN.), M.R.C.S. (ENG.), states:—

"I have now had eight patients under treatment by your products, nearly all of them suffering from Neurasthenia following uterine troubles, or operations on the uterus or ovaries. Seven of these cases have done well—a highly satisfactory percentage."

M.D. (EDIN.), states:—

"I have employed your Organotherapy products with marked success in several cases of Sexual Neurasthenia in women. In the large majority of cases treated I have been able to eliminate the trouble completely, and have secured a complete restoration of normal conditions and normal functioning."

## IMPOTENCY (Sexual)

M.D. (DUB.), states:—

"The case of Sexual Impotency which failed to respond to any other form of treatment, and for which I eventually prescribed the Lymphoid Compound, has been cured."

L.S.A. (LOND.), states:—

"During the past six months I have placed several cases of Impotency under treatment by the Lymph Compounds (Lowenthal), and am both pleased and satisfied with my results."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"I have been employing your Lymphoid Compound in the case of a man of 54, suffering from Impotency. The results have been excellent, the conditions are much better and everybody concerned is very pleased."

M.D., M.R.C.S. (EDIN.), states:—

"I am able to tell you that I have had very satisfactory results in a case of Impotency by the Lymph Serum treatment."

M.D. (LOND.), M.R.C.S. (ENG.) states:—

"One of my patients who had been completely impotent for a very considerable time is gradually and surely regaining potency under the Lowenthal treatment."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"The case of Impotency (Post-Syphilitic) has materially benefited by the use of your Serum after two months' injections."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"My case of Impotency has benefited much."

L.R.C.P., L.R.C.S. (EDIN.), states:—

"I am glad to inform you that the Lymphoid Compound Capsules are doing a good deal of good to my patient with Impotency."

M.D., Ch.B. (DUB.), states:—

"I have placed several cases of Impotency under your treatment and my results have been excellent. The following is an extract from a letter received from one of my patients:—

"My health is now very good. This is due to the effect of those wonderful Capsules. They have made me feel absolutely a different man.'"

M.R.C.S., L.R.C.P. (EDIN.), states:—

"I have now had several patients under the Lymphoid Compound (Lowenthal) suffering from Sexual Impotency with satisfactory results in each case."

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M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"A case of Impotency of long standing has been placed by me under treatment by the Lymph Compounds (Lowenthal). The patient having to go abroad took with him a supply of the Serum and Capsules at my suggestion. A few months after his departure I had a letter from him and his report was most encouraging. The patient continued with the treatment for a longer period, and at the end of it he wrote me to say that his condition was absolutely normal. I am most pleased with this case."

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M.B. (EDIN.), states:—

"I have given a course of your Lymph Serum injections to an elderly man suffering from Impotency. The patient had led a more or less irregular life for a long period before treatment was commenced. After the injections were finished, I received a most satisfactory report as to the man's sexual condition and general health."

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M.R.C.S., L.R.C.P. (LOND.), states:—

"The patient, suffering badly from Impotency, is most pleased with the result of the treatment, sexual competency being established for the first time for a very long period."

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M.D. (DUB.), L.R.C.P. (LOND.), writes:—

"I have had under my care for four months and have now discharged as cured a patient who had been suffering from Sexual Impotency for three years before coming to me. I was able to exclude organic trouble, and satisfied myself that the case was one of a purely functional character.

"The incompetency was complete, and I elicited a long history of masturbation and sexual excess.

"The patient was Neurasthenic, hopeless and dejected. The employment of Aphrodisiacs being out of the question, I decided to administer your Lymph Compounds as an experiment. Decided improvement set in after treatment for eight weeks, and after uninterrupted treatment for a further similar period he reports entirely satisfactory functioning, and his Neurasthenia and depression have gone."

## INSOMNIA

M.D., Ch.B. (ABERD.), writes:—

"A case of obstinate Insomnia which I have had under observation, has exhibited a satisfactory improvement after only one month's treatment by the Lymphoid Compound."

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L.R.C.S.I., L.R.C.P.I., states:—

"My mother, who has been suffering from Insomnia, and who has been taking the Lymphoid Compound Capsules for some weeks, writes me to-day that she never before had any treatment that did her so much good."

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M.D. (BRUX.), M.R.C.S., L.R.C.P., states:—

"In my opinion your Lymph Compounds are excellent. I have secured an entirely satisfactory result in a patient of mine who had been suffering from Insomnia and Neurasthenia for a long time. This patient was cured after one month's administration only."

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M.D. (ABERD.), states:—

"When I commenced taking your Lymphoid Compound Capsules for myself I was much troubled with Insomnia. As treatment progressed the Insomnia steadily decreased. I now sleep well and soundly, whereas before treatment was commenced I could frequently only manage to sleep for three or four hours per night."

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A CAPTAIN IN THE INDIAN MEDICAL SERVICE writes:—

"I find that the Lymphoid Capsules do much good for the Insomnia, which troubles one so much in this climate."

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L.R.C.P., L.R.C.S. (EDIN.), L.F.P.S. (GLAS.), states:—

"I am now very fully convinced of the exceptional benefit of the Lymph Compounds in Insomnia."

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M.B. (EDIN.), states:—

"I am very pleased with the results of the treatment in a bad case of Insomnia in a woman in which the condition was so persistent that she had not slept for months for more than two hours per night. As a result of the effect of your Compound she now sleeps well, and she is cured."

## DEPRESSION AND MELANCHOLIA

L.R.C.P., L.R.C.S. (EDIN.), states:—

"My patient, who has been suffering from severe Depression, and whom I have been treating with your Lymphoid Compound, is now quite normal, and has remained so ever since the treatment was discontinued. She is better than she has ever been since I have known her."

M.R.C.S. (ENG.), L.R.C.S. (LOND.), states:—

"My case of Melancholia, which did very well under the Lymphoid Compound, is still keeping well. The patient has been back at work for some time, and is occupying a responsible position with satisfaction. He has put on a considerable amount of weight."

M.R.C.S.I., L.R.C.S.I., writes:—

"My patient, Mr. C., informs me that he is now a 'new man,' and that his depression and suicidal impulses have quite disappeared."

L.R.C.P., L.R.C.S. (EDIN.), states:—

"The patient whom I treated so successfully for Depression and Melancholia is now better than ever, and there has been no return of the trouble."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"I have been using your Lymphoid Capsules and Lymph Serum for a case of Melancholia, the case being a particularly bad one, and the patient has been going downhill for nearly two years. Her condition became so serious that she was on the verge of being certified.

"The result from the administration of the Capsules and Serum can only be described as miraculous.

"The patient is now normal. She is bright and her mental condition has greatly improved. She is a pianist, and is now able to play as well as ever. I have several other patients under the treatment for various conditions, and the results have been excellent in the majority of cases."

M.D. (LOND.), M.R.C.S. (ENG.), states:—

"I have used your Lymphoid Compound Capsules in a case of recurrent depression and am entirely satisfied with my results."

M.D. (GLAS.), states:—

"My patient suffering from Melancholia has derived considerable benefit from the Lymphoid treatment, and I have formed a high opinion of your products."

M.D. (EDIN.), states:—

"I have been employing the Lymph Compounds in a case of a woman suffering from an obscure affection of the sensory part of the nervous system, which resulted in her having a burning sensation over the lower limbs, accompanied by sleeplessness and also Melancholia. She frequently threatened to commit suicide, and her condition was a miserable one. She has received marked benefit from the treatment and the symptoms have abated."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"One of my patients, who was suffering severely from nervous disturbance following a prolonged period of worry, has greatly benefited from the Lymphoid Capsules."

M.D. (LOND.), M.R.C.S., L.R.C.P. (ENG.), states:—

"I am exceedingly pleased with my results in the five cases in which I have been exhibiting the Lymph Compound (Lowenthal). One of these cases, a woman, middle age, was suffering severely from Melancholia and depression as a result of much domestic trouble. She had also reached the menopause when she came to me, and had been ill for several months. I put her under the Lymphoid treatment by Capsules and kept her under the treatment for four months. During the earlier period of treatment, improvement was not marked, but towards the end of the time the improvement was rapid, and in the result every one of the symptoms disappeared. I treated this case many months ago; the patient is still quite well and there has been no sign of a relapse."

L.R.C.P., L.R.C.S. (EDIN.), states:—

"My case of Melancholia under treatment by the Capsules has wonderfully improved. This patient has suffered for about eight years, and has been an inmate of a hospital and an infirmary. At both these institutions his case was pronounced hopeless.

"He has been away from his post for a long time, but has now resumed his duties. I have known the patient for two and a half years, during the whole of which he has been most miserable and depressed. He is now quite bright, takes an interest in his family, and can smile, which is something I have never known him to do before."

M.D. (ABERD.) states:—

"The case of Melancholia about which I spoke is now well, after treatment for only three and a half months. I may say that I did not myself expect any result in less than twelve months from the commencement of the treatment."



M.R.C.S. (ENG.), L.R.C.P. (LOND.,) states:—

"A patient came to me some months ago in a very bad state, suffering from Melancholia. It appeared that some time previously he had been certified as insane, but got somewhat better. However, the fact of his having been certified insane preyed upon his mind to such an extent that he developed Melancholia badly, and had to give up business.

"I put him under your treatment about three months ago, and was surprised to see the beginning of good results within a fortnight. There has been a continued improvement ever since, and the patient is now quite bright and cheerful, and says he feels quite fit, and well enough to return to his duties.

"I am exceedingly pleased with this remarkable result."

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M.B. (DUB.), L.R.C.S.I., writes:—

(1st Report)

"In reply to your letter of the 4th inst., I am glad to be able to report a decided improvement in the patient, who has been taking the Capsules regularly. He was in bed up to the time he commenced taking them, and in a very dull, apathetic state. He has since then brightened up considerably, gets up every day, and does a little work, brushing floors, etc., and speaks more readily."

(Later Report)

"I am in receipt of your letter of the 1st inst. My patient has continued to progress favourably. He is working at gardening, and will, I hope, soon be able to go home. His progress has been unimpeded."

(Still later Report.)

"I am continuing to get good results from the Lymphoid treatment in Melancholia."

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M.D., M.R.C.S., L.R.C.P. (LOND.), writes:—

"The patient to whom I have been giving your Lymph Compound treatment for Melancholia has done remarkably well. Nervous Exhaustion was an accompaniment of the mental symptoms, there being a history of much sexual excess. He had attempted suicide more than once, and the mental condition was getting rapidly worse. He had a weak pulse and was emaciated. He was very apathetic, took no interest, while his habits were dirty and his dress slovenly. His face was expressionless. He was also a victim of delusions. I gave him ten-minim injections of the serum every day for three months, during which time he gradually improved. At the end of the three months there was no evidence of mental weakness remaining, his depression had disappeared, his weight had in-

creased, and he was able to resume the duties of a responsible position in which a clear brain and an alert mind were essential."

M.D. (DURH.), F.R.C.S. (ENG.), states:—

"I have had a patient (woman) under treatment by the Lymphoid Compound (Lowenthal). She was admitted into my asylum seven months ago, suffering from marked Melancholia, Neurasthenia and delusions. She was obsessed with the idea that she had committed awful crimes, and was anxious to give herself up, to justice. Her complexion was very muddy.

"Six months ago I put her under the Lymphoid Compound treatment, and it was administered without interruption for three and a half months. There was little, if any, improvement until the middle of September; then the mental condition began to clear up and she grew steadily better. Six months from the commencement of treatment she was well enough to go home.

"When the patient was admitted I concluded that if she got well at all she would be in the Asylum for twelve months at least. Her complexion cleared considerably after the treatment. She was losing weight steadily up to the commencement of the Lymphoid treatment, after which the loss of weight was arrested.

"I am of opinion that to the Lymphoid Compound must be placed the credit of this result."

#### CIRCULAR INSANITY

L.R.C.P., L.R.C.S. (ENG.), F.R.F.P.S. (GLAS.), writes:—

"The patient to whom I have given your Lymphoid Compound treatment for Circular Insanity, and who was extremely depressed and subject to headaches and emissions, and who used to neglect his duties after every attack, is improving remarkably. The depression has gone, the headaches and emissions are rare, he attends to his duties regularly, takes considerably more interest in life, and even wishes to marry. His general appearance is greatly improved. I do not think he will get any further attacks."

#### SUB-ACUTE MANIA

M.B., M.R.C.S., L.R.C.P. (LOND.), writes:—

"I have obtained a highly satisfactory result in a case of Sub-Acute Mania, which threatened to develop into dementia, the whole following a second attack of Cerebral Meningitis. The illness in this case had lasted nearly five years before I commenced to use the Lymph Serum. Definite improvement set in after ten days' treatment; the patient is now quite rational, takes his food well, and I think his recovery will be complete."

## NEURITIS AND PERINEURITIS

L.R.C.P., M.R.C.S. (LOND.), writes:—

"I have had a further success with your Lymph Compound. The patient, æt. 49, had been a sufferer from acute Neuritis in her left arm for nearly six years, when she called me in. I found the muscles of the arm considerably wasted and the skin atrophic. The cause of the Neuritis appeared to have been acute and prolonged mental strain extending over three years. At times her pain was extremely acute and it had persistently prevented sleep. Indeed, she only obtained natural sleep when thoroughly worn out. I tried almost all the known methods of treatment for Neuritis, including fixation of the limb for eight weeks, dieting, baths, radiant heat and light, electricity in various forms, external applications and internal medication, but to no purpose. At the end of six months I put her on to the Lymphoid Compound Capsules (Lowenthal). She had 300 Capsules in all before her symptoms entirely disappeared. One year has elapsed since she took the last Capsule, and there has been no return of the Neuritis. She is in excellent health, she sleeps well and eats well." Her arm has regained its normal size, and the skin is no longer atrophic. I may say that in two other cases of intractable Neuritis I have by similar treatment obtained equally happy results."

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M.D. (LOND.), M.R.C.S. (ENG.), L.R.C.P., states:—

"I thought you would be interested to know of the exceptionally good results which I have secured in one of my cases from the Lymph Compounds.

"The patient had suffered from Neuritis and also from Neurasthenia for 15 years, and the case had practically defied all other treatment. After treatment by the Capsules the Neuritis has practically disappeared and the neurotic conditions have greatly improved. This patient used to lie on a couch nearly all day, but she is now fairly active, takes an interest in life, and can enter into discussions with intelligence."

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M.D., F.R.C.S., C.M. (EDIN.), writes:—

"I am pleased to say that my experience of the Lymph Serum has been altogether satisfactory. I have used it in several cases under my care, and advised it in others. In one particular case, where the patient was seen in conjunction with a consultant, the results have been extraordinarily quick, the case being one of Neuritis of a tabetic origin. In another case the result of administration per Capsule by the mouth was extremely satisfactory."

M.A., L.S.A. (LOND.), writes:—

(1st Report.)

"My patient suffering from obstinate Perineuritis is manifestly improving."

(2nd Report.)

"My patient is much better, and must continue this treatment to be restored to a normal condition. I treated the case for an experiment, one of intractable Perineuritis, which had defied *all* treatment."

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M.D., M.Ch. (DUB.), writes:—

"There is a decided improvement in my case of Neuritis. The patient is much better."

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M.R.C.S., L.R.C.P. (LOND.), states:—

"My patient suffering from Neuritis has been cured by the administration of your products."

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L.R.C.S., L.R.C.P. (LOND.), writes:—

"I have felt considerable improvement in my Neuritis. I was enabled two weeks ago to make a flying visit to Bournemouth, which I feel sure would have been impossible under the old conditions."

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D.Sc., L.S.A. (LOND.), writes:—

"My patient is doing well and making good progress in the most aggravated case of Perineuritis I have ever seen."

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M.D., L.R.C.P., L.R.C.S. (EDIN.), writes:—

"I have had very satisfactory results in cases of Neuritis under the Lymphoid Compound treatment."

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M.B., C.M. (EDIN.), states:—

"I am treating a case of Peripheral Neuritis with your Lymph products. Although the patient has only just had her second supply of Capsules, there is sufficient improvement to warrant a continuation of the treatment."

### TREMORS

M.B., M.R.C.S., L.R.C.P., states:—

"I have had a case of marked Tremors under your Serum treatment, and have given injections for six weeks, with the result that the tremors have considerably improved."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"A woman suffering from tremors of both hands, with no organic disease, was put by me under treatment by the Lymph Serum and Lymphoid Capsules. After the first few weeks there was a distinct improvement, and she was able to pass things at the table with the hand mostly affected, whereas before the treatment was commenced she was quite afraid to use that hand for fear of dropping anything she handled. Improvement continues."

#### WRITERS' CRAMP

M.D. (LOND.), M.R.C.S. (ENG.), states:—

"Kindly send me another supply of the Capsules. I have derived so great benefit from them, that I am not going to be without them. I do not think I have received so much benefit from anything before."

#### MALNUTRITION

L.R.C.P., L.R.C.S. (EDIN.), F.R.C.S. (GLAS.), states:—

"I am pleased to tell you that my case of Malnutrition in which I have been administering your products has done well."

#### SENILE CONDITIONS

L.R.C.P., L.R.C.S. (EDIN.), L.F.P.S. (GLAS.), writes:—

"I have used the Lymph Compounds in a case of Senile Debility, and I am glad to inform you that the patient has improved very much."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"The patient for whom I prescribed the Lymphoid Compound Capsules (Lowenthal), who was suffering from Senile tremors, tells me that the Capsules have been of more benefit to her than any other treatment hitherto employed."

L.R.C.P.I., L.R.C.S.I., states:—

"My patient, an old gentleman of 85, whom I placed under the Lymph treatment for Senile debility, with prostatic trouble, is much better and is steadily improving."

L.S.A. (LOND.), writes:—

"The case for which I ordered the Lymph Serum some time ago was a man, age 70, who had for some time been feeble-minded and morbid, and who suffered from loss of memory. Under this treatment his memory has greatly improved—his alertness also—and all his movements are now much more certain."

M.B. (LOND.), states:—

"Already there is a marked improvement in my aged mother's mental condition, and I am watching the effect of the treatment with great interest."

M.D. (DURH.), M.R.C.S., L.R.C.P. (ENG.), states:—

"For the past six months I have had under the Lymphoid Compound a patient, a man of 92. He came to me suffering from loss of memory, and want of concentration, the result of senescence. After six weeks' treatment the patients' mental condition has much improved and his general health has considerably benefited."

L.R.C.P.I., L.R.C.S.I., states:—

"The results which I have obtained from the employment of the Lymphoid treatment in a troublesome case of Senile Debility have been very good indeed. My own mother, 80 years of age, was also a sufferer. Upon the advice of an eminent consultant, I placed her under the Lymphoid treatment. She has written me to say that the 'wonderful Capsules' have greatly benefited her, and that she feels stronger and brighter than she has for a long time past."

#### LOSS OF MEMORY

M.D., M.R.C.S., L.R.C.P., (DUB.) states:—

"The case of Loss of Memory, which I have had under your Serum treatment, has greatly improved. The memory has returned, and the patient's general health has also much benefited."

#### EXOPHTHALMIC GOITRE

M.R.C.S. (ENG.), states:—

"I am pleased to say that my case of Exophthalmic Goitre has derived benefit from the Lymphoid Compound (Lowenthal)."

L.R.C.S.I. writes:—

"Please send a further 100 Capsules to my patient, Miss M. I am pleased to be able to tell you that there is a definite improvement. The thyroid swelling has diminished, and her general health is much better. In fact, she herself insists upon having the Capsules, for she feels so much better."

M.D. (DUB.) states:—

"The exophthalmic Goitre case, which I have been treating with your Lymph Compounds, has very much improved."

M.B. (DURH.), L.R.C.P., L.R.C.S. (EDIN.), states:—

"I am much gratified by the result of the action of the Lymph Compounds in a case of Grave's Disease, which I have been treating. The patient was a woman of 30, who had suffered from the disease for five years. Previous to the adoption of the Lymph Compounds she was very neurotic, suffered from Tachycardia, and was so debilitated that she was confined to her bed. I gave her the Capsules and Serum conjointly, and there was a very considerable improvement. Her nervous condition approached normal, her weight had increased, the Exophthalmos had practically disappeared, the action of her heart was steady, and she was able to return to her duties. The Lymph Compound treatment was discontinued twelve months ago, and the above results have been permanent."

L.R.C.S., L.R.C.P., F.R.C.P. (EDIN.), states:—

"I must say that the result of the Lymphoid treatment in the case of Miss A. (one of Exophthalmic Goitre) is astonishing me. The Exophthalmos has greatly improved, and the patient has gained weight. In fact, when I last saw her I did not know her. I advised her to continue with the treatment for a little longer."

M.B., Ch. B. (R.U.I.), writes:—

"My patient suffering from Exophthalmic Goitre is progressing most favourably, I am glad to say. The improvement since the treatment was commenced has been wonderful."

M.R.C.S., L.R.C.P. (LOND.), states:—

"I have had a most satisfactory result in a case of Exophthalmic Goitre by your Compound, and there is nothing else that I know of that is of any real benefit in the complaint."

M.D. (ABERD.), L.R.C.S. (EDIN.), states:—

"I have secured quite satisfactory results in Exophthalmic Goitre by the exhibition of the Lymphoid Compound."

M.D., M.S. (DUB.), writes:—

"I have pleasure in stating that I have secured very good results indeed from the treatment in a case of Exophthalmic Goitre with Neurasthenia."

M.D., L.R.C.P., L.R.C.S. (EDIN.), states:—

"My case of Exophthalmic Goitre under the Lymph Compound treatment is doing well."

M.D., Ch.B. (GLAS.), states:—

"I have formed a most favourable opinion of your Lymph Compounds, having had several cases under treatment with satisfactory results. One case of Exophthalmic Goitre showed considerable improvement within seven weeks from the commencement of treatment."

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M.D., M.R.C.S. (EDIN.), writes:—

"I think your Lymph Compound of greater service in the treatment of Exophthalmic Goitre than any other agent.

"One of the severest cases I have ever treated has been wonderfully influenced by it, notwithstanding the previous failure of all the usual methods. This patient had all the typical symptoms well pronounced, and had been suffering for a long period. Exophthalmos was prominent; there was much enlargement of the Thyroid, the heart was very irregular, and there was involuntary trembling at times. I have given her the Capsules three times every day for nearly four months. The neck measurement has now been decreased by two inches, the tremor has disappeared, the eyes are nearly normal, and the action of the heart has vastly improved. I am very glad to be able to send you this most encouraging report."

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M.D., L.S.A. (LOND.), states:—

"For the past six months I have had under treatment by the Lymph Compounds (Lowenthal), a girl who had been suffering for a long period from Exophthalmic Goitre, before I was called in to attend her. When I saw her, the Exophthalmos was very pronounced, the Thyroid Gland was much enlarged, and Tachycardia and great depression were prominent features of the case. As a result of the Lymphoid treatment the pulse of the patient is now practically normal, the neurotic symptoms, with the depression, have completely cleared up, the patient is quite cheerful, and her health generally has undergone a definite and marked change for the better."

#### **GOITRE (No Exophthalmos)**

M.B. (EDIN.) states:—

"I have now placed two patients suffering from Goitre with no Exophthalmos under treatment by your products. In both of these cases the neurotic condition completely cleared up and the Goitres have been greatly reduced."



L.R.C.P. (LOND.), writes:—

"I have been treating with the Lymph Compound a woman suffering from enlarged Thyroid, in which no Exophthalmos was present. As a result of the treatment thus far, I am able to say that the Thyroid has been much reduced."

### ALCOHOLISM

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

I have secured a complete recovery by the use of your products in an obstinate case of Alcoholism. The patient had been drinking to excess for years, and had been kept in inebriate homes on four occasions but with no lasting result. The Lymphoid Compound, however, has effected a complete cure in this case."

M.D., C.M. (GLAS.), writes:—

(1st Report).

"Both of my patients who are taking your Animal Therapy treatment are certainly improved, and I desire them to continue for some time."

(2nd Report.)

"Both my patients are improving on the Lymphoid Compound, and I have urged them both to continue."

(3rd Report.)

"Please send me 100 Standard Lymphoid Capsules. The patient for whom they are intended writes me:

'I am feeling fitter every day,'

which ought to be quite satisfactory to you, seeing that he is having no other treatment.

"As regards the control of the abuse of Alcohol secured by the Capsules, I have been struck in some of my patients with the power of the Capsules have given them of resisting temptation. Although I can claim none of them as being converted to teetotalism, all are happily quite moderate, with no craving for Alcohol. Most satisfactory."

M.D. (GLAS.), writes:—

"It will interest you to know that the Serum which I had from you for the treatment of a relative of my own has been entirely successful. He has picked up in a wonderful manner, and we shipped him off to Canada last Saturday from Glasgow, a man for the first time in twenty years."

M.D. (EDIN.) writes:—

"I wonder you do not more often mention Alcoholism as one of the conditions which are greatly benefited by the Lymphoid Compound. I have had two cases and they are cured."

"Case 1.—The patient upon recovery from an attack of Alcoholic Gastritis did not lose the depression which induced his Alcoholism, although massaged daily, till the Lymphoid Compound treatment was begun. Improvement then began at once. The desire for Alcohol was lost in a few days, and he returned to his work and has remained absolutely teetotal for twelve months. When I received the last report from him, he had taken the Capsules for eight out of the twelve months, and his general health has much improved."

"Case 2.—This patient has been Alcoholic for twelve years. I gave him the Lymphoid Compound Capsules. In but a few days all desire for alcohol ceased, and it has not returned. There has been great improvement in his general health and mental vigour.

"It is now four months since the treatment was begun, and no alcohol has been taken since."

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M.D. (LOND.), states:—

"I have been employing the Lymph Compounds (Lowenthal) in an extremely bad case of Alcoholism, with a result that has far exceeded my expectations.

"When the patient came to me he was more or less under the influence of Alcohol and in an hysterical condition. He was greatly distressed, and told me that if I could not save him, he was quite sure that he would be soon certified for a Lunatic Asylum.

"I put the patient under treatment by the Lymphoid Compound and impressed upon him the necessity for uninterrupted administration for many weeks. When I examined him he had all the symptoms of a heavy drinker, his eyes were bloodshot and swollen, his face was also swollen and discoloured, and his skin extremely blotchy and unsightly.

"After a week's treatment the patient was still shaky, and told me that the craving for Alcohol was intense. He was then unable to lift a glass to his mouth without using two hands. The patient has been to see me again to-day, and to my astonishment all his symptoms have entirely disappeared. His appearance is wonderfully improved, his hands are steady, and the craving for drink troubles him no more. He has been able to return to his business, and his mental stability is practically normal.

"I regard this result as wonderful, and it is certainly unique in my experience. The patient is very grateful."

## ALCOHOLISM OF THE MENOPAUSE

M.B. (EDIN.) states:—

"I am treating by your Lymphoid Compound Capsules a very bad case of Alcoholism in a woman. She has been a victim of the habit from an early age, and she has now arrived at the menopause. She has had severe attacks periodically for years, but now after treatment by the Lymphoid Compound there is definite improvement, and she is making a determined and successful effort to reform, in which she is greatly aided by the treatment. Without it, any such effort would, I am sure, be futile."

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M.D., M.R.C.S., L.R.C.P. (LOND.) writes:—

"You will be glad to learn that I have given the Ovamammoid Compound (conjointly with the Lymphoid Compound), in a case of Alcoholism in a woman passing through the menopause, with remarkable success. This patient had always expressed a desire for betterment but had always failed lamentably previously."

## TOBACCO HABIT

M.R.C.S., L.R.C.P. (ENG.), M.D. (BRUX.), states:—

"Your treatment has undoubtedly been of value in my case of tobacco habit. I gave your Lymphoid Compound to a patient of mine who regularly smoked from 40-50 cigarettes a day. When he came to me his condition was very bad indeed. After a short period of administration of the Lymphoid Compound Capsules the craving for smoking left the patient, his appetite considerably improved, as did also his general health."

## DRUG HABIT

M.D., M.R.C.S., L.R.C.P. (LOND.), states:—

"I have been employing your Lymphoid treatment in the case of a patient who was a victim of the Morphia habit. In fact, he was a morphia maniac. The result of the treatment has been quite satisfactory."

## POST-SYPHILITIC NEUROSES

M.D. (EDIN.), states:—

"I have formed a very good opinion of your Organotherapy products, having obtained an excellent result in a troublesome case of Post-Syphilitic Neurasthenia."

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L.S.A. (LOND.), states:—

"I have placed several cases of Post-Syphilitic Neurasthenia under treatment by the Lymphoid Compound (Lowenthal), during the last six months, and am pleased and very satisfied with my results."

### KIDNEY DEGENERATION

M.D. (DURH.), states:—

"The result of the treatment in the patient of advanced age, suffering from Kidney Degeneration, has been remarkable."

### HYPERTROPHIED PROSTATE (Incontinence)

M.D. (DUB.), writes:—

"A patient with Hypertrophied Prostate—*æt.* 75— has received complete relief of his incontinence by the employment of the Lymph Compounds, and the great amount of phosphaturia ceased.

"This is a wonderful case."

### HEADACHE (Chronic)

M.R.C.S. (ENG.), F.R.C.S. (EDIN.), states:—

"I am pleased with my results in several cases in which I have exhibited your Lymph Compounds. These cases were each of them bad ones and had defied every other form of treatment. One patient in particular, who had been suffering for a long period from severe headache, became quite well."

M.B. (EDIN.), writes:—

"After taking 200 of your Capsules my headaches have considerably benefited from the treatment."

M.B., B. Ch. (OXON.), states:—

"The patient whom I have had under the treatment for Chronic Headache has shown decided improvement."

### DEAFNESS (Neural)

M.D., M.R.C.S., L.R.C.P. (LOND.), writes:—

"The patient has improved generally, and there is an improvement in the hearing."

### DIABETES MELLITUS

M.R.C.S. (ENG.), L.R.C.P. (LOND.) states:—

"I am pleased to tell you that the case of Diabetes Mellitus in which I am employing your Lymphoid Compound is progressing most satisfactorily. There is an increase in weight and a marked reduction in the percentage of sugar."

L.R.C.P.I. states:—

"I have used your Lymphoid Capsules for a case of Diabetes Mellitus with wasting of the muscle tissue and loss of memory. The patient has made a good recovery and now can walk about and is his usual self again at the age of 72."

M.D., L.R.C.P., L.R.C.S. (EDIN.), states:—

"The wife of a friend of mine has had prescribed for her the Lymph Compounds (Lowenthal). She is a sufferer from Diabetes Mellitus and the treatment is having a most marked effect."

L.R.C.P., L.R.C.S., L.F.P.S. (GLAS.), states:—

"I am pleased to say that I have had a most gratifying success with the Lymph Compounds (Lowenthal) in a case of Diabetes Mellitus."

M.D. (ABERD.), Ch. B., states:—

"I have had a case of Diabetes Mellitus under your Serum and Capsule treatment for some time, and I am glad to be able to tell you that although the patient has been on a full diet latterly the percentage of sugar has been reduced from 5 per cent. to less than 2 per cent."

M.D., B.Ch., (GLAS.), writes:—

"I have been trying the Lymphoid Compound in a case of Diabetes. The patient was very nervous and had indulged in excesses, but the sugar has disappeared entirely under the treatment."

M.R.C.P., L.R.C.S. (LOND.), writes:—

"A case of Diabetes Mellitus has responded well to your Animal Therapy Compound. When I put the case under treatment sugar was present to the extent of 4 per cent., and he complained of constant thirst. My examination, after three months' treatment, showed an entire absence of sugar, and the patient reports himself free of the thirst and Insomnia, from which he suffered.

"I shall certainly prescribe the treatment again when a similar case presents itself."

### ALOPECIA

M.R.C.S. (ENG.), L.R.C.P. (LOND.), writes:—

"It may interest you to know that the patient whom I had under treatment for Neurasthenia is improving rapidly. Before treatment was commenced he was entirely bald, and now he is growing a thick crop of fine hair. Apparently the Lymphoid Compound is useful in *some cases of Alopecia.*"

### RIGIDITY (Cause Unknown)

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"A case, in which no physician (including myself) was able to make a diagnosis, was placed under treatment by your Lymphoid Compound (Lowenthal) with a remarkable result.

"The patient was a youth, age 20, who had suffered for some years before coming to see me from a peculiar disease, the character of which could not be determined.

"He was quite rigid, being unable to move the joints in his legs and ankles. His back was quite stiff. He could pull himself up from the bed by the aid of a rope hanging from above, but his body from head to foot still remained rigid. He was unable to turn himself over whilst in bed.

"He has been in this condition for between 2 and 3 years, and had been under several treatments in England and abroad without any success. He had also been an inmate of one of the leading London hospitals but was dismissed after some time as a hopeless case. The disease might have been due to some circulating organism. However, your Lymph Serum (Lowenthal) was injected for about 3 months in all. At the end of this time the patient was able to get out of bed and was able to walk to my surgery. This case was treated nearly two years ago and there has been a steady improvement ever since.

"The patient has returned to work.

"He was seen in the north-west of London yesterday by my wife, who told me he was walking along quite easily and seemed to be in excellent health."

### LOCOMOTOR ATAXIA

L.R.C.P.I., L.R.C.S.I., writes:—

"I shall be glad if you will send me for my patient some more of the Capsules. She feels better, and they have certainly improved her condition. I have advised her to continue."

M.D. (EDIN.), M.R.C.S., L.R.C.P. (ENG.), states:—

"The case of Locomotor Ataxia which I have under treatment by your Lymphoid Compound is benefiting considerably."

M.D. (DURH.), M.R.C.S. (ENG.), states:—

"My case of Locomotor Ataxia has improved so much that the patient informed me that last week was the best week he had had for a very long period. He reported that the pains were much less and his general health much improved."

(Later Report.)

"My patient with Locomotor Ataxia continues to steadily improve under the Lymphoid treatment."

F.R.C.S., L.R.C.P., M.R.C.S. (ENG.), states:—

"There is already definite improvement in the health of my patient suffering from Locomotor Ataxia."

DR. J. M. R. (CHICAGO), writes:—

Woman, 43 years old, change of life just beginning. Family history, father, one brother and one sister suffering from Locomotor Ataxia.

"This patient was suffering with severe pains through the legs; a constricted feeling around the abdomen; unable to put the heels on the floor, and always a feeling as if there was a velvet carpet under the heels. I placed the patient on the Lymphoid Compound Soluble Capsules, one three times a day, and gave injections of Lymph Serum three times a week. This patient improved immediately upon receiving the treatment and now has no pain whatever, and can walk without any impediment at all, feels perfectly well in every way and has gained fifteen pounds. I consider this case practically cured. Might state that this patient was extremely hysterical upon beginning the treatment, and every particle of this has disappeared. She is light-hearted and happy.

DR. A. A. L. (KANKAKEE, ILL.), writes:—

Mrs. A., age 60, was diagnosed as a case of Locomotor Ataxia by eminent neurologists and was treated in the leading sanitariums without benefit. In addition to the Ataxic symptoms the patient was taking from four to eight grains of morphine daily. Examination showed all the symptoms of advanced tabes. She was removed to the Riverview Hospital Nov. 20th, 1908, and was put on the Lymphoid Compound Capsules, one before each meal with special treatment for morphinism. She showed improvement as early as the twentieth day and left the hospital March 1, 1909. She now has full control of her limbs, shows a material gain in weight and walks without the use of cane or crutch.

DR. A. A. L., M. D. (CHICAGO, ILL.), writes:—

Patient, male, age 40 years, specific history. About two years ago patient noticed unsteadiness in the dark, also suffered with shooting pains in the limbs. Was treated by several physicians at that time for Rheumatism, Gout, Anaemia, and Neurasthenia. A month previous to coming to me, patient put himself in charge of three of the leading specialists in Chicago and they were all of one opinion that the patient was suffering from Locomotor Ataxia and advised specific treatment. Patient presented himself at my office October 26, 1909. Upon examination I found absolute loss of sensation for lower limbs, Argyle-Robertson pupil, Romberg's sign, patient complained of restriction around the abdomen, also shooting pains in the limbs. The patient had the tabetic gait, knee reflexes were absolutely lost. There were areas of

anæsthesia, also paræsthesia present. The patient weighed 116 pounds. I put the patient on the Lymph Serum treatment, administered ten drops every other day, in connection I gave him the Lymphoid Compound Capsules, one before each meal. I also put him on re-educational exercises and as early as the tenth day the patient noted marked improvement. Since that time he has been able to walk without a cane or crutch and has put on 13 pounds. The patient is still under treatment and feels as though he has been absolutely restored in every way. I am going to continue the treatment for at least three months longer, giving patient one treatment per week in connection with the capsules.

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DR. A. A. L. (CHICAGO), writes:—

"I wish to give case reports on a few very interesting cases that responded beautifully to the Lymph Compound Treatment.

Case No. 1—Male, forty-two years old. Pronounced case of Tabes Dorsalis. Patient has been treated by some of our leading neurologists. This case was considered absolutely hopeless. Patient was unable to walk and had every symptom characteristic to this type of disease, even a marked ptosis of the left eye lid. Patient weighed 116 lbs. After administering Lymph Serum in ten drop doses three times a week for four months, I discharged the patient. At this time the patient weighed 134 lbs., walking as well as he ever did and the use of his eye lid absolutely restored. Outside of an occasional pain once in a while the patient seems to be well. He is attending to his daily duties and reports to me every month. The results in this case I consider remarkable.

Case No. 2—Young man thirty-one years old, suffering with Paralysis of the left limb, severe attacks of headache and very sensitive over the second lumbar vertebra. Patient weighed 162 lbs. In this case I administered the Lymph Serum in connection with the Lymphoid Capsules. I obtained good results in this case very early in the treatment and the patient continued to get better and I discharged him after three months as entirely cured. Patient weighed 173½ lbs. when I discharged him.

Case No. 3—Young man who had suffered for two years and stated that he had treated with seventeen different doctors but they could do very little for him. He complained of severe pains in the front of his head and severe bearing-down feeling in the back of his neck. He could hardly walk and stated that he was unable to sleep. He weighed 151 lbs. Patient took treatment continually for six months until I discharged him as abso-



lutely cured. His weight now is 174 lbs. He has returned to his former vocation as that of a truck farmer.

This case was watched by many physicians. The results in this case were much better than I had looked for. The patient called at my office a few days ago and is in perfect health in every way. This patient walked with a cane during the first months of treatment. He has not used a cane since that time.

I have over 300 very interesting cases that I have treated this last year at my clinic and will furnish clinical data on same in the very near future.

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M.R.C.S., L.R.C.P., (ENG.), M.D. (BRUX.), states:—

"The case of Tabes which originated in an accident, and which when it came to me was of many years' standing, has done well, as a result of the Lymph Serum injections which I prescribed for it."

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M.D., Ch. B. (EDIN.), states:—

"I have been employing the Lymph Compounds in a case of Locomotor Ataxia in a woman. When the treatment was commenced the disease had been rapidly progressive over the previous two months. The patient had double vision and ptosis of the right eye. The auditory nerve was also affected on the right side. I have now given 180 minims of the Serum and 200 of the Capsules, and the case has much benefited, as also has the patient's hearing."

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M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"A case of early Locomotor Ataxia in which your Organotherapy products were employed, has recently come under my notice. This case has done exceedingly well under the treatment. I saw the patient six months after the treatment was discontinued and the result had remained quite permanent."

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M.D. (DURH.), M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"I have had a case of Locomotor Ataxia under treatment by your Lymph products for nine months, and there is now a very considerable improvement in every one of the symptoms."

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F.R.C.P., L.R.C.S. (EDIN.), states:—

"I have been employing your Lymphoid Compound in a case of Locomotor Ataxia. My patient has been under the treatment for six months and has certainly wonderfully improved. He can walk much better and the all-round improvement has been well maintained."

L.R.C.S.I., L.R.C.P.I., writes:—

"My patient suffering from Locomotor Ataxia, whom I have been treating with the Lymph Serum, tells me he feels much better. I certainly think the treatment most valuable, even in this serious disease."

M.D., C.M., F.R.C.S. (EDIN.), states:—

"I have been treating a case of Syphilitic Spinal trouble, and the patient has certainly improved. He has more control over his sphincter muscles and his legs, and his general tone is also improved."

M.B. (EDIN.), writes:—

"There is now no pain. As regards his locomotion he walks better; his blood condition has improved, and his appetite is good."

M.B., L.R.C.S.I., states:—

"The case of Locomotor Ataxia under treatment has received marked benefit. The patient has lost the lightning pains, and his gait and general health have much improved."

L.R.C.P., L.R.C.S. (EDIN.), states:—

"I have had a case of Locomotor Ataxia under treatment by your Capsules, and the patient has obtained considerable relief from the lightning pains and has generally improved."

L.R.C.P. (LOND.), M.R.C.S. (ENG.), writes:—

"The Compounds have done great good in the case of Tabes in which I have employed them."

L.R.C.P. (EDIN.), L.F.P.S. (GLAS.), states:—

"The degeneration in the cord of the patient, which I have been treating with the Lymph Compounds is, in my opinion, now arrested."

M.B., M.S. (GLAS.), states:—

"A medical friend of mine has had a definite result in a case of Locomotor Ataxia. The patient was in a very bad way, all symptoms being well defined. As soon as dusk set in the patient had to lie down, being quite unable to stand in the dark. His gait was badly affected, and the lightning pains were severe. After treatment by your products for from three to four months the pains have all but disappeared. He is able to walk better, and he can go out and about in the dark without falling. The treatment had to be suspended for a time, and there was no relapse. The Capsules were then given him for two months. He remains well."

M.B., M.S. (EDIN.), states:—

"My case of Locomotor Ataxia has derived a large amount of benefit from the treatment. The principal troubles were the lightning pains and bladder difficulty, and both these have greatly improved. The lightning pains are now very rarely experienced."

M.D., L.R.C.P. (LOND.), M.R.C.S. (ENG.), states:—

"I have been using both the injections and Capsules in a case of Locomotor Ataxia for about two months. The patient is certainly progressing; his gait is better, and the partial optic atrophy in one eye is improving."

M.D., L.R.C.P., L.R.C.S. (EDIN.), states:—

"I have had excellent results in cases of Locomotor Ataxia under the Lymph Serum treatment."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"I have used the Lymphoid Compound in a case of Locomotor Ataxia, in which it proved of considerable service."

M.B., L.R.C.P., L.R.C.S. (EDIN.), states:—

"The case of Locomotor Ataxia which I have had under treatment has done remarkably well. The gait of the patient is now practically normal."

M.D., M.R.C.S., L.R.C.P. (LOND.) states:—

"I have had a severe case of Locomotor Ataxia under treatment by the Lymph Serum for several months. The patient is considerably better."

M.R.C.S., L.R.C.P. (LOND.), states:—

"The patient, suffering badly from Locomotor Ataxia (an old-standing case), is most pleased with the result of the treatment."

M.R.C.S. (ENG.), writes:—

"A patient of mine, suffering from Locomotor Ataxia, has been treated by me with the Lymph Compounds (Lowenthal) for his condition with a very satisfactory result. There was the usual history, and four years ago he commenced to have lightning pains in his legs, walked badly in the dark, and his gait became ataxic. During the four years he had become steadily worse. When he came for treatment his knee jerks had disappeared, he had much difficulty in standing and walking with his eyes closed, and the A.R. pupil was in evidence. He complained of a padded feeling in his feet and of constriction round the abdomen.

"After several weeks of the treatment improvement was manifested, the pain decreased and he walked more steadily. After a further period of treatment he could stand with his eyes closed, and walk fairly well in the dark. After still further treatment he was for all practical purposes cured. The lightning pains had disappeared; he could walk in the dark, or with closed eyes, well; the girdle sensations have disappeared also. He is now attending regularly to his business, and says he feels quite well. There has been no relapse since treatment was discontinued, and though, of course, the reflexes are still absent, his pupils re-act slightly to light."

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M.D. (DURH.), states:—

"The result of the treatment in the patient of advanced age, suffering from Locomotor Ataxia, has been remarkable."

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M.R.C.S. (ENG.), L.R.C.P. (LOND.), L.S.A. (LOND.), writes:—

"I have been so pleased with the effect of your Serum that I think it right to let you know the circumstances of one of my cases.

"R.C., æt. 46, acquired Syphilis at age 19. When 25 years of age developed signs of Tabes, diagnosed by two well-known medical men. At age 46, when he came to me for treatment he had classical signs of Locomotor Ataxia. Told me lightning pains were so severe that he was obliged to spend two or three days of every week in bed. This had been going on for four or five years. I treated him with your Serum and Capsules for 2½ months, when he refused to continue, as he found the pains had increased in severity. I met R.C. two months after treatment was suspended, and he informed me that the pains had completely left him. He had no other treatment in the meantime. During a further three months he has not had a single pain. I may add that before treatment he had some difficulty in walking, through Ataxia. I met him running one day—this speaks for itself."

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M.R.C.S., L.S.A. (LOND.), writes:—

"The Lymphoid Compound Capsules (Lowenthal), which I have been employing in a case of Locomotor Ataxia in a woman, have now been administered for eight weeks. Although the period of treatment has been short, the patient certainly looks better in colour and has gained both in strength and weight. She is now able to go about the house in the dark, without fear. She has a good appetite, and is much more hopeful."

M.D. (EDIN.), writes:—

"My case of Locomotor Ataxia about which I wrote you has improved far beyond my expectation. As I told you when I commenced the treatment, I was not in the least sanguine as to any real result being obtained by your Serum.

"My doubts, however, are now dispelled, for the patient has lost her pains, her unsteadiness had disappeared, her gait is nearly normal, she has gained considerably in weight, and I believe the disease has ceased to progress.

"She is at work again, with practically none of her former symptoms remaining."

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M.R.C.S., L.R.C.P. (LOND.), writes:—

"I think that perhaps the following result, which I have obtained in a case of Tabes from the exhibition of your Organotherapy Compounds, will interest you.

"The patient was a male, who came to me originally to be treated for severe lightning pains in his limbs. Upon examination I found he exhibited a marked tendency to fall when his eyes were closed, and that he had the typical A.R. pupil, together with areas of Anæsthesia.

"I prescribed the Lymph treatment, and administered it without interruption for five months. His symptoms have now disappeared; he has gone back to work, and remains well."

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M.D. (GLAS.) writes:—

"As a result of the administration of your Lymph Compounds, both in Capsule and Serum form, I have obtained a most satisfactory result in a case of Locomotor Ataxia in a woman.

"When she came to me I found she had just reached the Menopause. She complained of lightning pains, a binding feeling round the abdomen, and that it seemed to her as if she always walked on felt. Upon applying the usual tests I found the reflexes absent, the gait impaired, and Romberg's symptom. The case being clearly one of Tabes I gave her the Serum hypodermically thrice weekly and the Capsules daily for nearly six months. A marked improvement set in after twelve weeks' treatment, and there has been no relapse since. She says she never has pain now, and that she feels quite well. She has gained considerably in weight, and she can walk without inconvenience.

"In my opinion the woman is cured for all practical purposes."

M.B., M.S. (GLAS.), states:—

"I have now treated six cases of Locomotor Ataxia with the Lymph Compounds (Lowenthal), and five of those cases have considerably benefited.

"One of them showed wonderful improvement in a very short time. The case was correctly diagnosed. The patient had to go to bed immediately it was dusk, being unable to stand.

"I continued the treatment for from four to five months, with the result that the lightning pains disappeared, and the gait improved. There was, however, no improvement in the Argyll-Robertson pupil. This case was treated by me about a year ago, and the result up to the present has been permanent.

"Another case which was also correctly diagnosed exhibited all the usual symptoms, and I treated it with the Compounds for three months. The patient, at the commencement of treatment, had lost complete control of Sphincters, Rectum and bladder. At the end of three months' treatment all symptoms had improved, and he had regained control of his Sphincters."

M.R.C.S., L.R.C.P. (LOND.), states:—

"About a year ago I had under my care a case of Locomotor Ataxia in a man *æt.* 48. When he first consulted me he informed me that he had been a victim of the disease for five years previously, and it was evident from my examination that the degeneration had been steadily progressive during that period. I found that his gait exhibited the usual unsteadiness, indeed he was hardly able to walk at all. His lightning pains were severe. In addition, he had an affection of the knee, which appeared to me to be likely to develop into Charcot's Joint disease. I decided to place the patient under treatment by the Lymph Serum, and the injections were given without intermission for a period of three months. After this, my examination convinced me that the degenerative process had been arrested, and the patient informed me that the lightning pains had disappeared and had not returned. I found that the patient was able to walk well with the aid of one stick only, and I also found that the knee trouble had vanished. Although this case was treated so long ago, the results mentioned have been permanent."

#### DISSEMINATED SCLEROSIS

M.D., M.S. (GLAS.), writes:—

"I shall be glad of a further supply of the Lymphoid Compound Capsules, as my wife suffering from Sclerosis has derived great benefit from them."

M.D. (OXON.), M.R.C.S. (LOND.), states:—

"I have secured an excellent result in my case of Disseminated Sclerosis, under treatment by your Lymph Compound (Lowenthal)."

M.D. (GLAS.), writes:—

"I am pleased to tell you that although my patient suffering from Sclerosis of the cord, has only been under the Lymph Compound treatment for a comparatively short time, she reports herself to be much better and stronger in every way, and she can now both stand and walk with but little inconvenience."

M.D. (EDIN.), states:—

"There is improvement in the case of Disseminated Sclerosis under treatment. The patient can balance herself better, and she can walk a little without having to support herself. Her limbs are less rigid, and her general health is much better. I am very satisfied."

M.R.C.S., L.R.C.P. (ENG.), states:—

"I have obtained quite a good result in two cases of Disseminated Sclerosis, in which the progression of the disease appears to be definitely arrested. In one of the cases especially the patient's power of speech is much improved."

M.D. (LOND.), states:—

"The result obtained in my case of Disseminated Sclerosis has been quite good."

M.D., Ch.B. (LOND.), writes:—

"The case of Sclerosis for which I received the Lymphoid Compound, has already done well. I am exceedingly pleased with this result."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"The case of Disseminated Sclerosis which has been treated with your Lymph Serum has done remarkably well. The result has been so thoroughly satisfactory and so rapid that the friends of the patient are considerably astonished, for all of them expected that he would succumb at an early date to the disease. When the treatment began, the patient had to be wheeled about in an arm-chair, and was quite unable even to shave himself. When I last saw him about a month ago, he was walking about the town, and he told me that he shaves himself every morning without difficulty. He had quite recovered his former appearance of well-being."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"I have had a case of Disseminated Sclerosis of long standing under treatment by the Lymph Serum for two months, and already the patient shows great improvement."

M.R.C.S., L.R.C.P. (LOND.), states:—

"My patient, suffering from Disseminated Sclerosis, has received much benefit. She had suffered from the complaint for a long time. She has been under your treatment for four months, and the degeneration of the cord has been arrested. The Neuritis, from which she also suffered, has been cured, and she has not had a heart attack for three months, whereas before the treatment they were frequent. She can swallow much better, and her power of speech has improved."

M.D., M.R.C.S., L.R.C.P. (LOND.), writes:—

"I saw the patient who was suffering from Disseminated Sclerosis again to-day after an interval of eighteen months, and was delighted with her condition. *The disease is certainly arrested*, and the bladder trouble has been completely overcome."

#### SPINAL TROUBLE

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"I have had a remarkable result from the employment of the Lymph Compound (Lowenthal) in a complicated case of Spinal trouble, in which lesions were undoubtedly present though diagnosis was difficult. The patient had been discharged from one of the principal hospitals as a hopeless case, and had been treated by various physicians, and had been placed under practically every known form of treatment except Organotherapy, with no success at all.

"When the Lymph Compound treatment was commenced, the patient was absolutely unable to move, and had been bedridden for a long period. I gave the Lymph Serum and the Lymphoid Compound conjointly, and I am glad to say that he is now sufficiently recovered to be able to walk about freely. The result is so definite that he will be returning to work very shortly."

M.R.C.S. (EDIN.), L.R.C.S. (LOND.), writes:—

"I have had a woman patient suffering from Spinal trouble resembling Locomotor Ataxia (the result of a kick which she received in the back many years ago) under treatment by the Lymphoid Compound. Her gait was affected, and her nervous condition was serious. As a result of the action of the Lymphoid Compound, which I prescribed for her, her gait is considerably improved, and her nervous condition is now practically normal."



M.B. (EDIN.) states:—

"I have used your Serum for a patient who had an injury to the spine, and there was considerable improvement, especially in the reflexes."

### ARTERIO-SCLEROSIS

M.D. (LOND.), M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"I am pleased to tell you that one of my most troublesome cases—one of Arterio-Sclerosis of two years' standing, has done particularly well as a result of the Lymphoid Compound treatment. I think highly of your products."

M.B. (VICT.), states:—

"The case of Arterio-Sclerosis has wonderfully improved after only a short course of the Lymphoid Compound treatment."

M.D., D.P.H. (IRELAND), states:—

"There is marked improvement in my case of Arterio-Sclerosis from the administration of the Lymph Compounds."

M.D. (LOND.), writes:—

"I have had under treatment by your Lowenthal Compounds two cases of Arterio-Sclerosis, with results unusually complete. In addition to marked improvement in nutrition, appearance and strength, the arteries in both cases have become straighter and much less firm, and the symptoms due to arterial degeneration have abated."

### PARALYSIS

M.R.C.S. (ENG.), L.S.A. (LOND.), states:—

"I have much pleasure in giving you information with respect to my patient, who has been under treatment by the combined method of Lymphoid Capsules (Lowenthal) and the Lymph Serum injections (Lowenthal). The patient is a gentleman over 70 years of age who for some considerable time had been suffering from, amongst other things, pancreatic Glycosuria. In August he came to me complaining of acute pain over the front of the right thigh and legs, neuritic in character. In certain regions of the affected parts, especially over the front of the thighs and over the inner sides of the knee joints, sensation to pain was so exaggerated that the slightest touch caused agony. Alternating with these painful parts were others where sensation was much diminished. The extensor muscles were much wasted and the patient had difficulty in lifting his foot from the ground. To make a long story short, the patient had had treatment for eight months with

various methods without the slightest benefit. Nothing relieved the pain but injections of Morphia, but this made him very sick and queer. The extensor Paralysis then became complete, and in consultation the case was considered a hopeless one. At the beginning of April I commenced treating the case by your Organotherapy products, and for the first two months the only benefit noticed was a lessening of the pain and marked improvement in the constipation which had been obstinate. The patient expressed himself as feeling better in his general health, and he certainly looked it. Towards the end of the three months of treatment power began to return to the extensor muscles. One morning he was able to lift his legs about half an inch from the bed, and this was the beginning of continuous improvement. At the time of this writing he is able to move about in his garden, he can walk upstairs to his bed-room, the muscles are very much firmer, and what little pain he gets is not acute.

"I regard the result of this treatment as wonderful, considering the age and condition of the patient.

"The patient has had 240 minims of the Serum injections, and has had 300 of the Capsules administered."

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M.D. (GLAS.), writes:—

"My Paraplegia case has done better than I anticipated. She was in a hopeless state when I commenced the injections, her lower limbs being of no use. I have injected the Serum daily for four mouths. She is now able to walk short distances slowly, and, of course, with a little difficulty, but she has been able to dispense recently with the nurse's assistance."

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M.R.C.S., L.R.C.P. (LOND.), writes:—

"In reply to your letter of the 4th inst., I am pleased to say that the case of Paralysis which I have been treating with the Lymph Serum has shown wonderful improvement. She is now able to leave her bed, can get about the house, and do light household work. She has gained several pounds in weight, and although still somewhat uncertain in her gait, her power of locomotion has returned and she is steadily improving."

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M.B., Ch.B. (ABERD.), states:—

"The case of Paralysis in which I obtained such a remarkable result by employing the Lymph Compounds, is still progressing. She has plenty of energy, and is very desirous of walking about. This is the case which you will recollect I told you about in which the patient had not moved arms or legs for many years."

## PARALYSIS AGITANS

L.R.C.P., L.R.C.S. (EDIN.), L.F.P.S. (GLAS.), writes:—

"I thank you for supplying me with the Lymphoid Compound Capsules, which I have used in a case of Paralysis Agitans, and I am glad to inform you that the patient has improved very much."

M.D. (DUB.), L.R.C.P.I., states:—

"The patient suffering from Paralysis Agitans, which I have had under the Lymphoid Compound treatment, is now able to walk much better."

M.D. (LOND.), writes:—

"I have obtained a remarkable result in a case of Paralysis Agitans by exhibiting your Lymph Compounds."

"The case had proved a most intractable and troublesome one, and I could not secure any result from any of the methods previously employed.

"In addition to the usual symptoms the patient was afflicted with a dropped jaw, over which he had no control. I gave your Organotherapy treatment as a last hope, with a surprising result.

"At the conclusion of the period I was able to discharge the patient with no symptom of the condition remaining. Not the least remarkable feature of the case was, that the patient, as a result of the treatment, regained complete control of his jaw movements."

J.M.R., M.D. (CHICAGO, ILL.), writes:—

This patient was suffering from Paralysis Agitans, impossible to write with the right hand, and the left hand almost illegible. Attributed his trouble to a nervous breakdown, produced by overwork and mental strain, caused from financial losses. Several doctors had treated the patient with various methods. I placed the patient on Lymphoid Compound Soluble Capsules on may 12, 1908, and had him use salt and lard rubs in addition to taking the capsules. In one year the patient had gained thirty-three pounds and was able to write with the right hand, and write splendidly, almost as good as he ever had been able to do.

There is still some trembling, but such a great improvement that the patient is perfectly willing to continue the treatment, hoping to be cured permanently.

Nothing whatever was promised in this case, and the only treatment used was the Lymphoid Compound Soluble Capsules, given in doses of one three times a day before meals.

M.D., M.R.C.S., L.R.C.P. (LOND.), states:—

"I have a case of Paralysis Agitans under the Lymphoid Compound treatment, and it is benefiting considerably."

L.R.C.P., L.R.C.S. (EDIN.), writes:—

"I have employed the Lymphoid Capsules in a troublesome case of Paralysis Agitans, and I am glad to be able to inform you that the patient has improved greatly."

M.B. (OXON.), M.R.C.S. (ENG.), states:—

"My case of Paralysis Agitans is certainly much better and the symptoms are arrested."

M.B., C.M., (EDIN.), writes:—

"My patient suffering from Paralysis Agitans, under the treatment by the Lymph Compounds (Lowenthal) is steadily improving."

#### G. P. I. (Early)

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"I am pleased to inform you that I have secured a marked improvement in a case of early G.P.I."

M.B. (LOND.), M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"My patient who was suffering from incipient G.P.I. and whom I placed under the Capsule treatment, has certainly improved and is much more cheerful."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"The result of the Lymph treatment in a case of early G.P.I., in which I have used it, has been most satisfactory."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), writes:—

"The case of early G.P.I., in which I have been employing your Lymphoid Compound, has shown marked improvement, especially in the neurotic symptoms."

M.B., Ch. B. (EDIN.), states:—

"My case of early G.P.I., in which I used your Lymph Compounds (Lowenthal) has done excellently."

M.D. (EDIN.), states:—

"I have secured a good result from the exhibition of your treatment in an early case of G.P.I.

"The patient was extremely depressed, but soon after treatment commenced became quite cheerful. Before the treatment he was quite apathetic even in regard to his family affairs. Now, however, he takes great interest in them, and is better in every way."

## PARAPLEGIA

L.R.C.P., L.R.C.S. (EDIN.), F.R.C.S. (GLAS.), states:—

"I have used your Lymph Serum quite successfully in a case of Paraplegia."

## PSEUDO-PARAPLEGIA

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"I have secured a most interesting result in a case of Pseudo-Paraplegia with no organic disease. The patient was unable to walk before I commenced using the Lymph Serum. The result in this case has been excellent for the patient is now able to walk perfectly."

## INFANTILE PARALYSIS

L.R.C.P. (LOND.), L.R.C.S. (EDIN.), states:—

"I am very pleased with my results obtained by the Lymph Compounds in a case of Infantile Paralysis (Spinal). The patient was a child of six years of age, and she has been under the treatment since last September. There is a marked and definite improvement, and the child is now beginning to move freely. The treatment will be continued."

## MYELITIS

M.B., C.M. (GLAS.), writes:—

"My patient suffering from spinal Myelitis has so much improved that I shall continue the treatment for six months longer."

## FRIEDRICH'S DISEASE

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"I have a case of Friedrich's Disease under treatment by your Lymph Compounds, and I am able to report a marked improvement in the mental stability of the patient."

M.R.C.S., L.R.C.P. (LOND.), states:—

"I have had under treatment for about 10 years a girl of 20 years of age, a victim of Friedrich's Ataxia, and previous to the commencement of the treatment the disease had been progressive for between seven and eight years. She was gradually becoming worse, and her mental condition was bad. She exhibited acute irritability, and had frequent spells of sleepiness. As a result of the administration of the treatment the trouble has been overcome. Her mental condition has much improved, and is, in fact, now quite normal. I shall continue the treatment for at least another two months."

M.D., L.R.C.P. (EDIN.), M.R.C.S. (ENG.), writes:—

"The child of eleven who has been taking the Compound is improving. The ptosis has practically gone, and the eye muscles are regaining strength. She is very much brighter, and the co-ordination movements of the hands are improving. She has taken to sewing dolls' clothes again, and manages fairly well. She had to give up some time ago, as she could not hold or direct the needle properly. She speaks with much more distinctness. She can get about better."

#### EPILEPSY

M.D. (GLAS.), writes:—

"My patient suffering from Epilepsy, for whom I prescribed the Capsules a few months ago, is still doing well. I find that the treatment keeps the fits well under, and now the patient experiences only a short attack of no severity very occasionally. In addition he is in better spirits and considerably more cheerful."

M.D., C.M. (EDIN.), states:—

"My case of Epilepsy, which I have been treating by the Lymph Compounds for four months, is speedily improving."

M.R.C.S., L.R.C.P. (EDIN.), writes:—

"I tried the Lymph Compounds in a case of Epilepsy in a woman, but at the end of the first month I was disappointed with the result, so I stopped the Serum injections and told her to keep on with the Capsules. At this time the attacks were as many as 4 or 5 in a day.

"I was, however, much surprised yesterday to have a visit from the patient, who told me that she was very much better, and that the attacks were now reduced to as few as one a fortnight. In view of this result, I shall prescribe the treatment for any case of Epilepsy which presents itself."

M.D. (ABERD.), writes:—

"The value of your Organotherapy derivatives in the treatment of Epilepsy ought to be more widely known.

"A patient of mine (a woman) has been greatly benefited. She had been suffering from Epileptic seizures for eight years, which had been becoming gradually more frequent, with shorter intervals between, until, when she consulted me, they were numbering four per week on the average. I prescribed the Compounds, both in serum and capsule form, and they were given for four months. The patient improved rapidly in every way, and, although nine months have elapsed since treatment was discontinued, the patient has been free from attacks."

M.D., L.S.A. (LOND.), states:—

"About two years ago a woman, *æt.* 36, consulted me, stating that she had suffered from Epilepsy for several years before she came to reside here, and that she was still suffering considerably from that disease. She informed me at the first interview that she had had 12 severe fits in the previous three weeks. I found that the patient was very dejected and almost morose. Her general condition was bad, and her complexion was about as bad as it could be. I prescribed for her the Lymphoid Compound (Lowenthal), and after three months' uninterrupted administration, I found that the patient was considerably better. The fits had then become much less frequent, and indeed she had none at all during the daytime, and only an occasional attack at night when she was in bed. I instructed the patient to continue the treatment for a further period, and I then saw her again. She then informed me that the fits had entirely ceased. I found that her health and general condition was quite good, her colour was perfectly healthy, and she had become quite cheerful and animated. During the past two years this patient has had only one attack of Petit Mal. She now goes to dances and other social functions without any fear or inconvenience. The contrast between her condition to-day and her condition when the Lymphoid treatment was first commenced, is indeed remarkable."

### CEREBRAL SOFTENING

M.R.C.S. (ENG.), L.S.A. (LOND.), states:—

"One of my patients suffering from Cerebral Softening has been placed under treatment by your Lymphoid Capsules. As a result his condition shows considerable improvement."

M.D. (GLAS.), states:—

"I have formed an excellent opinion of your Lymph Compounds (Lowenthal), and have used them, up to the present, in about twelve cases.

"I obtained a remarkable result in a case of softening of the brain (with Thrombosis).

"When this patient came to me she was quite stupid and dazed, and her memory had completely gone. I took her to an eminent specialist, and he agreed with me that the patient could not possibly live more than three months. He, however, endorsed my suggestion that the Lymphoid Compound treatment should be given to her as a last resort.

"Treatment was accordingly started in the early part of April, 1910. The patient, to my surprise, commenced to improve immediately, and that improvement was steadily maintained till the following July, when I was able to pronounce her to be quite cured, no symptoms remaining.

"I obtained this result sixteen months ago; the patient has had no relapse, and is still perfectly well and cheerful.

"I reported the result, in due course, to the specialist with whom I consulted, who expressed his pleasure and stated that it was one of the best results which had come under his observation. Both the patient and her husband are enthusiastic in regard to the treatment."

### PRIMARY DEMENTIA (Early)

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"The Capsules and Serum have done my patient a great deal of good, and have totally arrested many of his symptoms and are definitely improving others. In my opinion they are most valuable preparations, and I am certain they will succeed in restoring the brain and nervous system to a normal condition."

M.D. (PARIS), writes:—

"I am very happy to tell you that two of my patients, both of whom were cases of Primary Dementia, are considerably improved as a result of the administration of the Lymph Compounds (Lowenthal)."

### ASTHMA (Nervous)

M.D., Ch.B. (R.U.I.), writes:—

"I have had a case of Asthmatic trouble under my care. It was the worst case I have had any knowledge of. The bronchial condition was that of a slight catarrh, while spasms were continuous and severe. I tried all the usual remedies and could relieve his condition for a moment, but for the moment only.

"I am pleased to report that the patient is improving since commencing the Lymphoid Compound Capsules. He is showing steady progress; the asthma is not now nearly so severe, and the case is being greatly helped."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"After taking your Lymphoid Compound Capsules for a short time for Bronchial Asthma with Arterio-Sclerosis, I find that the general sense of fitness which I experience is so pronounced that I shall certainly continue with the treatment during the winter months."



M.D. (DUB.), states:—

"I am pleased to report that my patient's Asthma has greatly improved under the treatment, in fact more so than under any other treatment employed."

#### LYPHADENOMA

M.B., Ch.B. (EDIN.), states:—

"The Rev. T. H. G., æt. 70, whose condition was Lymphadenoma, has derived great benefit from the Lymphoid Compound which you have supplied on my prescription."

#### COLITIS (With Neurasthenia)

M.B. (CAMB.) writes:—

"Miss S., a hospital nurse, æt. 30. The condition was one of marked Neurasthenia with Colitis. She was confined to bed with very low blood pressure, markedly subnormal temperature and most troublesome vomiting. I gave her 480 minims of Lymph Serum (Lowenthal) and improvement began. She could then sleep for five or six hours, and her temperature became more even and higher, regular functioning was restored and the patient put on flesh. I gave her a second supply of 480 minims, the patient's general condition was still more greatly improved, while menstruation became regular and the symptoms of Colitis disappeared."

M.D. (EDIN.), writes:—

"I am employing your Compound for myself as I have been suffering from Colitis with terrible attacks of spasm in splenic flexure. I suffered also from great depression, which was abnormal for me as my former condition was very bright and cheerful. After administering 100 Capsules only, the mental depression was much less marked and my general tone greatly improved. I find your statements, especially that in regard to the cumulative effect, to be very true. I am steadily improving all the time and am better in every way."

#### RHEUMATIC CONDITIONS AND RHEUMATOID ARTHRITIS

M.D. (GLAS.), states:—

"I have a very high opinion of your Organotherapy products, having secured a highly satisfactory result in a troublesome case of Rheumatoid Arthritis."

M.D. (LOND.), M.R.C.S. (ENG.), states:—

"Please send me a further supply of the Capsules. The case of chronic Rheumatism is definitely improving, and so is the general health."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"The result of your treatment which I prescribed for a case of chronic Rheumatism, has given me great satisfaction. The patient had been suffering acutely for several years, and previous to coming to me had undergone electrical treatment, hydro-therapy, as well as numerous forms of drug treatment, both at home and abroad, but without any success. In view of the previous history of the case, I put her under treatment by the Lymphoid Compound and kept her under it for some months. The result is that the patient's recovery has been so uninterrupted that I have now been able to certify her as cured, notwithstanding the fact that the case had defied all other treatment. Another case of Rheumatic trouble which I have placed under the treatment since, is doing equally well."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"My case of Rheumatoid Arthritis under treatment by the Lymphoid Capsules shows definite improvement."

M.D. (DURH.), M.R.C.S., L.R.C.P. (ENG.), states:—

"The two patients suffering from Rheumatoid Arthritis have obtained great benefit from the Lymphoid Compound Capsules."

M.R.C.S. (ENG.), L.S.A. (LOND.), states:—

"My case of Rheumatoid Arthritis has wonderfully improved as a result of the Serum injections. The patient was unable to use her shoulders and legs previous to the treatment being commenced, but she can now move them with ease and can dress her own hair with comfort. She can walk without any support and can descend from one step to another. There is no doubt about the result.

"I may tell you that this patient had been incapacitated from work for two years and that she is now able to resume it."

M.R.C.S., L.R.C.P. (LOND.), states:—

"A case of Rheumatoid Arthritis in a woman of 62, who had been suffering from a diseased spine for many years, and who had become much crippled, has improved to such a great extent under the Lymphoid treatment that I am going to continue with it. As a result of the treatment thus far she is able to walk a little, can get up and down stairs, and her movements are much freer."

L.R.C.P. (LOND.), M.R.C.S. (ENG.), writes:—

“My patient, suffering from Rheumatoid Arthritis, has certainly made progress.”

M.R.C.S., L.R.C.P. (LOND.), writes:—

“I employed your Lymphoid Compound Capsules (Lowenthal) in a case of Chronic Rheumatism, which has recently given frequent evidence of cardiac and nervous debility. The results have been encouraging. I have been able to note a definite improvement in the heart's action, and also notably in the patient's nervous power. He himself states that he has a sense of general well-being he has not enjoyed for some time. Though I have often noticed that this patient's digestion was easily upset by drugs, he has apparently had no difficulty in assimilating this preparation. Your Compound will prove useful, and I am glad to have had it brought under my notice.”

M.B., C.M., F.R.C.S. (EDIN.), writes:—

“My wife has decidedly benefited from the treatment already. The swelling and discoloration about the joints has decreased, and the stiffness is less.”

*Reports from relative of patient for whom the Lymphoid Compound (Lowenthal) was prescribed, written when ordering further supplies as prescribed.*  
(1st Report.)

“I am glad to say I continue receiving good accounts from the patient who is suffering from Rheumatoid Arthritis and is taking the Capsules.”

(2nd Report.)

“I am observing most encouraging results in the Arthritis case. The patient can now hold a cup to her mouth unassisted, and can sit down and rise from her chair without help, and get downstairs. The last letter states that all the swelling has gone down wonderfully during the last month.”

(3rd Report.)

“The Arthritis case is still improving and getting stronger. The patient is now able to write, and has been able to walk out of doors. This is, of course, very gratifying.”

M.R.C.S. (ENG.), writes:—

“I have been treating a case of Rheumatoid Arthritis following Influenza, in a female patient, with the Lymph Compounds (Lowenthal).

“The patient exhibited marked contractions of the fingers, and in addition there were present muscular atrophy, contraction of the joints, and Carpal enlarge-

ment. The patient was unable to walk. The symptoms had been progressing notwithstanding the employment of other treatment.

"Six weeks after the commencement of treatment by the Lymph Compounds (Lowenthal) improvement was observable. The pain had ceased, the swelling was reduced, and the general health improved. After further treatment the contraction had slightened, the knees were smaller, and later the patient was able to walk a little. After a further period of treatment the patient could walk without pain with the assistance of one stick. The contractions disappeared as well as the swellings."

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M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"My patient—A.E., *et.* 32—had a severe attack of acute articular Rheumatism, and was laid up for five or six weeks in bed, and treated with anti-rheumatic medicine in the usual way. Convalescence was very slow, and the patient was practically disabled from walking, owing to pain and stiffness in ankles and legs. His general health was at a low ebb, and the patient began to despair of returning to his arduous duties as a marine engineer. Change of air, various tonics, baths, and massage all helped to a slight degree, but it was most noticeable how rapidly he recovered after the Lymphoid Capsule treatment. After taking 100 Capsules he was sufficiently well to report himself ready for duty on his ship; all pain and stiffness had completely gone; he had gained 8 lbs. in weight in two months, and had a hearty appetite. I saw him again after his trip to India and back, and he was *quite* well, and had had no trouble at all. This, to my mind, was a remarkable case."

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M.B. (LOND.) writes:—

"My patient suffering from Rheumatoid Arthritis says that the pains are very much better. She had had previously all kinds of treatment by drugs and baths—e.g., Bath, Harrogate, and Buxton—without any benefit."

### GOUT

M.B. (CAMB.), M.R.C.S., L.R.C.S. (ENG.), states:—

"My relation, who has been under Lymphoid Compound treatment for Gout, has definitely improved."

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M.R.C.S., L.R.C.P. (LOND.), states:—

"I am quite satisfied with the effect of the treatment in the case of Gout. The patient has had no return of the complaint."

## OEDEMA

L.R.C.P. (EDIN.), writes:—

"The Lymphoid Compound Capsules have reduced the œdema. I have used them for that purpose."

## OSTEO-ARTHRITIS

M.B., M.R.C.S., L.R.C.P. (EDIN.), states:—

"The improvement in my case of Osteo-Arthritis, which I am treating with the Lymph Compounds, is most marked. All swelling, I am pleased to say, has disappeared."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), writes:—

"My patient (with long-standing Osteo-Arthritis) makes definite improvement."

## ENDOCARDITIS (with Neurasthenia)

M.R.C.S., L.R.C.P. (LOND.), states:—

"I am still prescribing your Lymph Compounds. One of my patients, suffering from Endocarditis with Neurasthenia, is entirely free from the attacks since she has been taking the treatment; there is also a definite improvement in her neurotic condition."

## PSORIASIS

M.D., Ch.B. (LOND.), writes:—

"I recommended the Lymphoid treatment to Dr. M., who suffers from Psoriasis. He has written to me saying: 'I am doing exceedingly well under the treatment which you recommended, and, in addition, I feel wonderfully brisked up.'"

L.R.C.P. (LOND.), states:—

"I have had under treatment by the Lymphoid Compound Capsules a man of 42, who has been suffering severely from Psoriasis for about 20 years. The Capsules have been given now for about two months, and the case is clearing up. I shall continue the treatment."

M.D. (GLAS.), states:—

"I am treating a case of Psoriasis with your Capsules. The patient is a girl of 15 years, who has been suffering from the disease for many years, and whose case had previously defied other treatment. She is now, however, well on the way to recovery, improvement being considerable.

"Another patient of mine, a man of 55, suffering from the same disease for a long time, is also showing considerable improvement after six weeks' treatment only."

L.R.C.P. (EDIN.), L.R.C.S.I., writes:—

"It has come to my notice that a patient, whilst being treated for *Neurasthenia* by a fellow-practitioner with your preparation, was relieved of Psoriasis, from which she had suffered without intermission for the past 20 years. The eruption disappeared completely."

M.D. (GLAS.) states:—

"The excellent result which I obtained in the case of Psoriasis from the Lymphoid Compound Capsules remains permanent, and there is no indication of the return of the disease, which is so often to be feared because of the merely temporary results frequently accruing from the employment of other agents."

M.D., M.R.C.S., L.R.C.P. (LOND.), writes:—

(1st Report)

"I shall be obliged by your sending me another 100 Lymphoid Compound Capsules for my wife. I am glad to say that the Psoriasis has improved to an extraordinary extent, and I believe that by the time she has finished this hundred she will be cured. I have noticed that since my wife has been under treatment her general health has much improved and that she has gained weight. I am very pleased indeed with the results obtained, as the disease was pretty extensive, and, in spite of a great variety of remedies, was extending."

(2nd Report.)

"I am glad to say that my wife has completely recovered from her Psoriasis."

L.F.P.S. (GLAS.), L.S.A., states:—

"The result which I have secured from the administration of the Lymph Compounds (Lowenthal), in my case of Psoriasis, has been quite satisfactory."

#### ACNE INDURATA

M.D. (DUB.), writes:—

"A case of Acne Indurata—the worst case I ever saw or read of—of several years' standing—has been completely cured of all the suppurating nodules, which covered the whole space of her back from the shoulders, by your Organotherapy products. The tonic effect was soon very marked. She was previously emaciated, restless, sleepless, and had no appetite. All these symptoms soon disappeared, and her friends began to notice she was getting fat; she had gained over 28 lbs. in weight. The skin, as I expected, was very favourably affected. The indurated pustules got soft, and expulsion of their con-

tents was easy and practically painless. All the affected parts healed well, and now she only has a few comedones, which are easily removed with the nail. Her people, who had put her under several doctors, thought it was a miraculous cure. The only other treatment applied was local, and consisted of hot applications of Boric lint. She has gone away for a change now.

"This is a very remarkable result."

### **LICHEN WITH NERVOUS DISTURBANCE**

L.R.C.P. (LOND.), M.R.C.S. (EDIN.), states:—

"My patient suffering from Lichen with nervous trouble, is still under treatment by the Lymph Compounds, and there is a definite improvement in both the nerve and skin conditions."

### **ECZEMA**

M.D. (ABERD.), M.R.C.S. (ENG.), states:—

"I have had a case of Eczema under treatment by the Lymphoid Compound Capsules. It was a most obstinate and troublesome case to treat, but nevertheless there is now considerable improvement."

L.F.P.S. (GLAS.), L.S.A., states:—

"A case of Eczema, in which I have employed your Lymph Compounds (Lowenthal), has responded well to the treatment."

### **SKIN DISEASE (Impossible of Diagnosis)**

M.D. (EDIN.), states:—

"Your Lymphoid Compound treatment has proved of considerable value in a peculiar case of skin disease in which no diagnosis could be made. This patient had consulted many skin specialists in this country and abroad, but all the methods of treatment prescribed proved unsuccessful.

"I gave her the Lymphoid Compound Capsules originally for the neurotic condition resulting from the skin disease, and I find that not only has the neurotic trouble disappeared but that the affected parts of the skin are rapidly improving."

IN the following pages will be found particulars of a new Organotherapy product recently perfected, which, it is thought, (having regard solely to demonstrated scientific facts and the results of long continued clinical observation), will prove of considerable and exceptional service to practitioners in the treatment of certain conditions peculiar to women.

The new product is named

### OVAMAMMOID COMPOUND (LOWENTHAL)

and its formula is:—

Ovarian Extract.....	Gr. 1
Mammary Gland Extract.....	Gr. 1
Lactose (Excipient).....	Gr. 3

The organic derivatives named in the formula are combined in one Compound, and put up in the form of a soluble capsule. It is believed that this is the first occasion upon which these two important products have been united in one Compound. The reasons for the combination will become apparent from a perusal of the following pages.

The close and intimate relationship which admittedly exists between the Mammary Glands, Uterus and Ovaries, accounts for the exceptionally positive and satisfactory results which have followed the numerous clinical tests to which the Ovamammoid Compound (Lowenthal) has been subjected.

Precisely the same scientific processes are employed in the preparation of the Ovamammoid Compound (Lowenthal) which have proved so successful in the preparation of the Lymph Compounds (Lowenthal).

Every successive process from first to last is stringently supervised by skilled Chemists and the most thorough circum-spection is exercised. A searching examination entirely prevents the use of unhealthy animals. Even the slightest abnormality secures their immediate rejection.

Attention is specially drawn to the fact that the Canadian Organotherapy Company, never, under any circumstances, obtains the organs or any other material required for the preparation of its products from slaughter-houses. The selected animals, at the zenith of their vitality, are, after detailed examination, placed under an anæsthetic. When the anæsthesia is deep the required organs and glands are removed, and the products immediately prepared therefrom. Stringent precautions are observed throughout the whole of the work of preparation, both as to environment and in every other respect. Thus the Canadian Organotherapy Company, is at all times ready to give an unqualified guarantee that all their products are, whenever sent out, absolutely aseptic and active, and that they will remain so, (subject to the observance of the specified conditions as to temperature and absence of light) for six months at least.



The best evidence which can be produced as to the complete success of the precautions taken and the processes employed is the fact that, although the capsules manufactured and distributed by the Company, upon prescription, in a year, number several millions, and although the amount of serum manufactured and distributed, upon prescription, by the Company, reaches in a year to several hundred ounces, not one case of ill-effect has ever been reported.

The Ovammoid Compound (Lowenthal) is the outcome of two years' laboratory work, and it has been tested clinically and exhaustively. In accordance with its invariable practice, the Canadian Organotherapy Company, resolved not to place the new product at the service of practitioners until it was possible to say, unreservedly, and as a result of actual experience, that the Ovammoid Compound (Lowenthal) was scientifically perfect, absolutely aseptic and active, and of demonstrated therapeutical value to an exceptional degree. The new product is now offered to the Medical Profession with the assurance that after adequate administration there will be obtained RESULTS of an exceptionally satisfactory character in the conditions in which indicated.

### THE OVARIES

The close relationship between the ovaries and the nervous system, referred to above, is illustrated by the fact that vasomotor weakness is often the sole cause of ovarian and uterine congestion, leading to serious hæmorrhage.

Owing to the sympathy existing between the ovaries and the uterus, disorders of the one influence the other, and such influence is undoubtedly exerted through the nervous system.

The ovaries add to the blood passing through them a peculiar product of metabolism which is able to powerfully modify uterine functioning.

The leading part played by the ovaries in the organism is illustrated in those reported experiments in which functioning has been restored to animals (whose ovaries had previously been removed) by ovarian grafting.

Ovarian inactivity produces a tendency to put on flesh, thus illustrating the profound influence exerted by the ovaries upon assimilation and nutrition.

A lack of ovarian development, malformation, or a rudimentary condition of the ovaries are frequently associated with mental disease, frigidity, Nymphomania, and grave psychical derangement.

In wasting diseases in women, atrophy of the ovaries is frequently present.

Acute mania often follows Ovariectomy, as shown by Barwell, Pozzi, Gaillard, Thomas, Butler-Smythe, and others.

Premature menopause results from removal of the ovaries. Artificial menopause also follows if the uterus is removed and the ovaries left. Complete removal of both ovaries brings about a permanent cessation of menstruation in 95% of cases, while it will continue unaltered if only a portion of one ovary be left.

The ovary increases the number of red cells. Perrin (of Paris) has shown that the hormone of the internal secretion of the ovary is a primary agent in regulating the mechanism of the manufacture of blood.

The theory that the ovary, like the testicle, elaborates an internal secretion (in the production of which interstitial cells are primarily concerned) is generally accepted. If this were not so, the neuroses, obesity, flushings and other disturbances following the cessation of the elaboration of the secretion of the ovary would be difficult to account for. The ovary undoubtedly contains an oxidising ferment, and the phenomenon of the menopause, either natural or artificial, is probably due to the absence of that ferment. The symptoms of the menopause, therefore, are closely associated with the influence of the secretion of the ovary upon the organism. This is illustrated by the fact that Oöphorectomy is invariably followed by a diminished output of phosphorus.

Loewy and Richter removed the ovaries of bitches and found marked alterations, including a 10% diminution of oxygen absorption. Ovarian extract was then given, when it was observed that the oxygen absorption rose to beyond normal. Loewy and Richter recorded, as a result of their experiments, their opinion that Oöphorectomy produced a disturbance in the combustion of fats and other non-nitrogenous substances.

Exner has stated that the function of the ovary is to regulate Sexual activity and the formation of fat.

Some competent observers have recorded the opinion that the ovary discharges into the system an antitoxic product, which neutralizes certain toxic substances resulting from metabolic changes. The cessation of the discharge of that antitoxic product invariably results in a definite and marked disturbance of metabolism.

It is believed, by those who have devoted much attention to the subject, that the general sexual characteristics of the female are influenced, not strictly by ovulation, but by a product or secretion of the ovary which has a profound influence on the economy generally. Arrested development of the ovaries means sterility.

The increased severity of the symptoms in cases of artificial menopause over those in cases of natural menopause is believed by many to be due to the increased rapidity of the rate at which the change in the activity of the ovaries is made, and because of the more sudden withdrawal of the ovarian secretion.

## CLINICAL RESULTS SECURED BY THE ADMINISTRATION OF OVARIAN EXTRACT.

Inasmuch as the Ovaries supply to the female organism a marked stimulation which is essential to its well-being, the success which follows the administration of Ovarian Extract (when scientifically prepared) is not difficult to explain.

Clinical observation has proved that the ovarian nerves can be kept active and inhibition prevented by the administration of Ovarian Extract, when properly compounded.

Fosburg and Dalché have reported numerous cases in which climacteric flushing has been cleared up by the administration of Ovarian Extract, but only when suitably prepared.

Martin and Kippenberg have reported fourteen cases of total Ovariectomy in which the subsequent health of the patients has benefited by the administration of Ovarian Extract (when suitably prepared.)

Saafeld has reported that he has employed Ovarian Extract (suitably prepared) for skin troubles at the menopause, and for Prurigo at the menstrual periods with great success.

In 1896 exhaustive experiments and observations were made by Mainzer, Mond, Chrobak, Muret, Jacobs, Martin and others, in regard to the influence of Ovarian Extract upon post-ovariotomy symptoms, and *all* reported satisfactory results.

Bestion de Chamboulas has stated that the symptoms of the menopause can be materially relieved by giving Ovarian Extract without any side treatment at all. He states that the mental symptoms are, especially, favorably influenced. Sensations of heat, due to vaso-motor disturbance, were, in his experiments, readily relieved. Insomnia and headache disappeared. Bestion de Chamboulas specifically states that throughout his observations all possibility that the favourable results shown were due to "Suggestion" could be positively excluded. In no single instance did the patients know what was being given.

Burghart gave Ovarian Extract (suitably prepared) to women of twenty who exhibited marked obesity and a lack of development of uterus and ovaries. He reports that, by the employment of Ovarian Extract in these cases, he was able to obtain a reduction of weight to the extent of as much as sixteen pounds.

Jayle states that Ovarian Extract was first used by Regis in the case of a female patient suffering from Insanity, who definitely improved.

Ovarian Extract has been employed with marked success in cases in which the uterus and ovaries were poorly developed, and where the onset of puberty was delayed.

Ovarian Extract has been demonstrated by experiment to be capable of stimulating cellular activity, and of increasing the power of cells to destroy sugar.

Interest in the effects produced by Ovarian Extract was first shown as a result of its empirical use in the treatment of Insanity and other symptoms following Oöphorectomy.

The therapeutic value of Ovarian Extract is supported by the results of careful physiological experiment, which has abundantly justified its use and placed it on the same value level as Thyroid Extract.

It is an interesting fact that when Ovarian Extract is administered to women whose ovaries are in a normal condition, it exercises no observable influence whatever.

Parhon, Papinian and Senator have shown that the administration of Ovarian Extract increases the elimination of Calcium.

Geash reports that he treated a woman of sixty for delusional Insanity by Ovarian Extract, and obtained a complete recovery in three months.

Delaunay reports that he treated a case of Climacteric Grave's Disease with Ovarian Extract, and secured a complete recovery.

Loewy and Richter believe that reduction in climacteric obesity secured by the administration of Ovarian Extract is at the expense of non-nitrogenous and not proteid substances.

Ovarian Extract and its influence has been studied for many years, and its definite therapeutic value fully demonstrated.

The failure of some preparations of Ovarian Extract to secure results is due entirely to faulty and unscientific methods of preparation, compression into tablets, atmospheric exposure, etc., resulting in material loss of activity.

It cannot be too strongly emphasised that successful results from the administration of Ovarian Extract are entirely dependent upon the employment of scientific methods in its preparation. The product *must be active* and properly prepared. Crude methods (which are unfortunately so frequently employed, owing to lack of knowledge) invariably mean an inert derivative.

The scientific methods of preparation so successfully employed for the production of the Lymph Compounds (Lowenthal) (avoiding entirely compression and other faults) are also employed in the preparation of the Ovamammoid Compound (Lowenthal).

Clinical observation has demonstrated that Ovarian Extract is of great service by the compensation it affords in controlling the nervous disturbance which follows the removal of the ovaries.

Numerous observers have testified to the definite therapeutic value of Ovarian Extract (when suitably prepared) in troublesome cases of Sexual Apathy in women.

Ovarian Extract has been employed largely in Chlorosis and Hysteria with positive results which were unobtainable from the previous employment of other therapy.

A long experience, extending over several years, has demonstrated that Ovarian Extract, when scientifically prepared and administered in suitable doses, is entirely harmless and never causes any ill effect.

Ott has shown that Ovarian Extract definitely reduces Arterial tension.

It is impossible to disassociate the menopause from retrogressive changes taking place in the ovaries, inasmuch as the symptoms of the natural menopause are so closely allied to those of the artificial menopause.

Gissler has shown that anginal attacks occurring at the menopause, can be considerably relieved by the administration of Ovarian Extract (suitably prepared).

Einhauser found and reported that the administration of Ovarian Extract, when scientifically prepared, gave considerable relief from the troublesome symptoms arising from either the natural or an artificial menopause.

### MAMMARY GLAND EXTRACT

The inter-connection existing between the mammary glands, uterus and ovaries is constantly illustrated in practice.

Cases are on record in which menstruation has been accompanied by a monthly discharge of milk.

Beatson has shown that there is a close relationship between the ovaries and the secretion of milk.

Scanzoni has shown that the absence of one ovary is directly associated with arrested development of the corresponding mammary gland.

Bell and Schaber employed Mammary Gland Substance in Uterine Myoma, and obtained a definite diminution in the size of the tumour and total cessation of the hæmorrhages.

Mykartschianz demonstrated that the administration of Mammary Gland Substance caused the disappearance of Fibroma in two cases, a diminution in size, in twenty-one cases, and that results were negative in three only in a total of twenty-six cases. He found that hæmorrhage and pain were diminished. He further reported that he had obtained excellent results from the administration of Mammary Gland Substance in Metritis.

It has been shown by several observers that there ensues from derangement of the functioning of the pelvic generative organs under sympathetic excitement, a hyper-activity of the secreting cells of the mammary glands with distention and enlargement.

Mammary Gland Substance has been employed with definite success as a galactagogue.

That the mammary glands are closely related to the pelvic generative organs is evidenced by the fact, amongst others, that the mammary glands become tender and enlarged just before each menstrual period.

It is not without significance that the mammary glands enlarge as the generative organs approach maturity.

The reflex nervous relationship between the reproductive organs of women and the mammary glands is of first importance.

Enlargement of the mamma is initiated by puberty or pregnancy.

Laumonier has shown that Mammary Gland Substance has been successfully employed to produce uterine contraction and to check hæmorrhage. He also has shown that the administration of the product reduces the size of the tumour in Uterine Myoma, and that it arrests hæmorrhage.

Mammary Gland Substance has been attested by many authorities to be of exceptional service in the treatment of the neuroses following Mastotomy.

It has been demonstrated that small doses of Mammary Gland Substance definitely improve nutrition.

Hare has also shown that Mammary Gland Substance can be successfully employed for checking Metrorrhagia.

Abnormal hæmorrhage is, as is well-known, often due solely to an irregular condition of uterine circulation during the menopause. It has been demonstrated that the irregularity can be overcome, and the hæmorrhage stopped by the administration of Ovarian and Mammary Gland Substance.

The onset of Rheumatoid Arthritis, so frequently associated with the advent of the menopause can be definitely prevented in many cases by the administration of Ovarian and Mammary Gland Substance when the menopause sets in.

At the advent of the menopause it is imperative that nature should be assisted to arrange and re-adjust the nervous and vascular equilibrium. Clinical experience demonstrates that the most successful method of accomplishing this is to provide a suitable compensation for the cessation of the secretion of the ovary (which cessation is the cause of the disturbance of equilibrium) in the form of Ovarian Extract combined with Mammary Gland Substance.

The obesity of many married women, the thinness of many unmarried women, the atrophy (or else the excessive fattening) of mammary glands, the marked nervous and vaso-motor disturbance, the heats and flushes, the palpitation, the profuse perspiration, the giddiness, the faintness, the exhaustion, the morbid fears, the mental depression, the loss of memory, the numbness and tingling, the sensations and delusions, the hyper-aesthesia of special senses, the moral perversities and the liability to disease which set in (in whole or in part) at the menopause can be materially and definitely modified and, in many cases, prevented by the compensation provided by the administration of Ovarian Extract with Mammary Gland Extract at the climacteric period. The truth of this fact has been demonstrated by clinical observation in many hundreds of cases.

The generally accepted nervous origin of the menopause is believed by many to be the direct result of a cessation of the elaboration of the secretion of the ovary. The subsequent degeneration and disease is believed to be traceable also to the same cause.

Clinical experience shows that, by the timely employment of Ovarian Extract with Mammary Gland Substance (suitably prepared), the hysterical phenomenon and tendency to Melancholia, so frequently associated with the menopause, can be effectively warded off.

### MENSTRUATION.

Painful, profuse or suppressed menstruation are, as is well-known, frequently associated with lesions of the ovary.

Amenorrhœa is frequently produced by disordered metabolism or, in other words, a disturbance in the balance of anabolism and katabolism, due to some fault in the internal secretion of the ovary or to imperfect functioning. Amenorrhœa also results from Oöphorectomy and ovarian diseases. The nervous symptoms are much more severe in Oöphorectomy than in Hysterectomy, doubtless owing to the absence of the internal secretion of the ovary.

Dysmenorrhœa is, admittedly, frequently due to a degenerative condition of the ovaries, or to nervous disturbance resulting from imperfect ovarian functioning.

Disturbances of the catamenia frequently co-exist with mastitis.

Most observers concur that both the uterus and ovaries are active agents in the production of menstruation.

Jayle believes that Amenorrhœa, Dysmenorrhœa, and Metrorrhagia, when associated with vaso-motor disturbance, are invariably symptomatic of functional ovarian insufficiency, for, in his experience, such cases have responded well to the compensatory action of Ovarian Extract (when suitably prepared and preserved).

Sudden cessation of menstruation frequently precedes hypertrophy of the mamma. It would therefore appear certain that disturbances of the sexual organs of woman play an important part in the causation of mammary gland hypertrophy.

Williams has reported cases in which mammary gland hypertrophy occurring in childhood has been closely associated with precocious sexual development.

### CHLOROSIS.

Chlorosis materially interferes with the development of activity of the ovaries and uterus.

Disorders in the sexual functions are frequently the inciting cause of aglobulia in women.

The stimulation of the blood-forming organs, to replace losses, depends on the internal secretion of the ovary. The loss of such stimulation, from ovarian insufficiency, endangers the normal course of blood formation.

As stated elsewhere, the hormone of the internal secretion of the ovary is a primary agent in regulating the mechanism of the manufacture of blood. According to the researches of Perrin, the ovarian secretion increases the number of red cells. Ovarian insufficiency is a most frequent cause of Chlorosis. It is believed by some eminent authorities that the symptoms of Chlorosis are caused largely by the want of the antitoxic ovarian secretion. They believe that until puberty sets in, antitoxic substances are supplied by the thymus gland. After that gland has atrophied, the ovarian secretion influences blood formation.

Dalché reports that, by the administration of Ovarian Extract so prepared as to retain its activity, he has definitely cured Chlorosis in numerous cases.

Spillmann, Etienne, and Moscuai all report that they have proved that Ovarian Extract (when scientifically prepared) definitely increases the number of red cells and materially helps to establish the menses in Chlorosis.

Bestion de Chamboulas and many others also report equally favourably as to the definite and exceptional therapeutic value of Ovarian Extract in Chlorosis.

In Chlorosis, as is well-known, there is a marked diminution of red cells and hæmoglobin. The red corpuscles are small and light, and the oxidation processes in the body are interfered with. An active stimulant is therefore required, and the most efficient agents are the various organic derivatives, such as Ovarian Extract and Spermine, the latter of which is the base of the Lymph Compounds (Lowenthal).

The Organotherapy Compounds (Lowenthal) are, it is believed, more powerful lymphatic stimulants than any other therapeutic agents at present available.

The Ovamammoid Compound (Lowenthal) is one of the best examples of treatment by "substitution" or "compensation," and equally as efficient as Thyroid Extract.

It is a galactagogue and an emmenagogue of definite value.

## IN CONCLUSION

The results obtained from the exhibition of the Ovamammoid Compound (Lowenthal) in the conditions in which it is indicated have proved to be superior to those secured from the employment of other agents.

The reflex nervous relationship between the reproductive and other organs of woman are numerous and important. The unstable equilibrium between expenditure and repair of nerve force so frequently found to exist at puberty and at the meno-



pause has been proved by clinical experience to be more easily and effectively remedied by treatment by "Substitution" or "Compensation" than by drug treatment or other therapy.

Demonstrated physiological facts have alone been taken into account in the initiation, elaboration and perfecting of the Ovammoid Compound (Lowenthal). The findings of observers of great experience, to some of whom reference has been made herein, have formed the basis of all the laboratory work and clinical tests which have been devoted to the new product over a long period.

In accordance with the invariable practice of the Canadian Organotherapy Company, the Ovammoid Compound (Lowenthal) has been kept back until, in the opinion of the Company's chemists and scientific advisers, it was as perfect as it was possible to be, and until it was fully demonstrated that by the employment of the Company's own scientific processes, the product will (subject to the fulfillment of the conditions as to temperature and absence of light) remain active and perfectly aseptic for six months at least, as in the case of the Lymph Compounds (Lowenthal).

Furthermore, the new product has also been kept back until exhaustive clinical tests have demonstrated that, not only is the basic theory of the treatment scientifically sound, but that the results secured from the exhibition of the product in all the conditions indicated herein are definite and permanent, in the great majority of cases treated.

## REPORTS

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### LACK OF MAMMARY GLAND DEVELOPMENT

M.D. (DURH.), M.R.C.S., L.R.C.P. (LOND.), states:—

"I have been employing the Ovamammoid Capsules in a case of a patient suffering from lack of Mammary Gland Development, and who desired improvement in her bust measurement. I administered the treatment for a few weeks only, when I had to discontinue it because the patient informed me that her bust measurement was, owing to the action of the treatment, becoming greater than she desired."

### HYPERTROPHY OF MAMMARY GLAND WITH PAIN

M.D. (EDIN.), states:—

"The patient for whom I prescribed the Ovamammoid Compound (Lowenthal) has done exceedingly well. She came to me complaining of acute pain in her left breast. Upon a superficial examination I found the breast considerably enlarged, the right breast being normal. It was impossible to ascertain whether the overgrowth was malignant or not as the patient declined to submit to an exploratory examination, and the blood gave no indication. I suspected Mammary Gland hypertrophy. I gave the patient Ovamammoid Compound for six weeks, by which time the left breast was as equally normal as the right. It appears to me that the Ovamammoid preparation may be safely employed, with definite advantage, in any condition in which the Mammary Gland is involved."

### DISTURBANCES OF THE MENOPAUSE

M.R.C.S., L.S.A. (LOND.), states:—

"A woman patient suffering from severe Menopause disturbance has been under treatment by the Lymphoid Capsules for three months and has derived considerable benefit. This patient had previously been under the care of another physician for two years but she obtained no relief. I have treated her for three months with the Capsules, and I am now able to tell you that she is cured."

M.R.C.S. (ENG.), states:—

"I have had under treatment by your Lymph Compounds (Lowenthal) the case of a woman suffering severely from Neurasthenia with complications. She had had both Ovaries removed and had also been operated upon for kidney trouble.

"When she came to me she was suffering from constant vomiting. After three months' treatment by the Lymphoid Compound the Neurasthenia had wonderfully improved, and, more remarkable still, the vomiting had entirely ceased."

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M.R.C.S., L.R.C.P. (LOND.), states:—

"I am pleased with the result of the Ovammoid Compound treatment in a case of severe and intractable Menopause trouble. My patient, a woman of 48, suffered considerably from occipital headache, with constantly recurring sensations of heat and cold. She was extremely despondent and in my opinion on the borderland of Melancholia. She also exhibited symptoms of pronounced Hysteria. I employed all the usual methods of treatment in such cases, but the condition of the patient showed no definite or permanent improvement. I then gave her the Ovammoid Capsules (with, I admit, but little hope of success), but the patient by the end of the first week, had brightened up considerably and regained her appetite. I continued the treatment and the improvement was steadily progressive. At the end of a month the depression had disappeared, and the flashes of heat and cold disappeared also. The patient can now attend to her household duties without inconvenience, and there are no signs of hysterical attacks. She will, with the aid of the Capsules, now be able to pass with comfort through the menopause, I am assured. I may add that, previous to the employment of the Ovammoid Compound, she had been treated for four months by other therapy, without result."

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M.B., C.M. (GLAS.), states:—

"I have been treating a woman patient of 32 with your Ovammoid Capsules for deep Neurasthenia, early Rheumatoid Arthritis, and general nervous disturbance following Oophorectomy and the resultant artificial menopause. The woman (who had to earn her own living) had done no work for a year and was steadily growing worse. Other treatment made no impression upon the condition. Marked improvement set in within a month of starting the Ovammoid treatment, and I ordered her to continue with the Capsules for four months in all. She is now entirely free from pain, the Neurasthenic symptoms have disappeared, and she states that she has never felt better in her life. I shall certainly employ the product again in all suitable cases."

M.R.C.S., L.S.A. (LOND.), states:—

"A woman suffering from severe Menopause disturbance has been under treatment by the Lymphoid Capsules for three months, and has derived considerable benefit. This patient had previously been under the care of another physician for two years but she obtained no relief. I have treated her for three months only with the Capsules, and I am now able to state that she is cured."

M.R.C.S., L.R.C.P. (LOND.), writes:—

"The case which I have under the Ovamammoid Compound treatment (with the Lymphoid treatment) is now away for a holiday, and in her letter to me she asked for a further supply of Capsules. She says: 'At last I am feeling better.' This is a case of severe depression of the Menopause. At one time I feared it would be necessary to have her watched, but now, happily, the treatment has effected this improvement."

M.R.C.S. (ENG.), L.R.C.P. (LOND.), states:—

"Mrs. W., æt. 30, a patient of mine, was operated upon, in December last, for disease of the womb, and it was found necessary to remove that organ and both ovaries. Afterwards she exhibited the symptoms of the resulting artificial menopause, the flushings, sweats, etc., occurring with considerable frequency and especially at night, with consequent Insomnia. I tried all the usual remedies for a period of seven months, without result. The Ovamammoid Compound (Lowenthal) was then brought to my notice, and I prescribed for her a preliminary course of 50 capsules, which were administered over a period of about a fortnight. No definite improvement in her condition was observed during this time, but after the 50 capsules had been administered all the symptoms were markedly benefited and her condition became quite comfortable. I am now giving her a second supply of 50 capsules. The improvement is well maintained; she is putting on flesh, and is sleeping well."

M.R.C.S., L.R.C.P. (LOND.), states:—

"My case of Post-Hysterotomy Neurasthenia was one which had defied every other form of treatment previous to the administration of the Ovamammoid Capsules. She was under the Ovamammoid treatment for two months, and she is now cured."

M.R.C.S. (ENG.), L.S.A., states:—

"I am glad to say that my wife, who is passing through the menopause, has greatly improved since the Ovamammoid Compound has been given conjointly with the Lymphoid Compound. She now sleeps well, and has lost

all dread and foreboding. She eats well, feels much brighter and is rapidly regaining her strength. She has been able to take walks recently, and also carriage drives without any discomfort."

M.D. (ABERD.), states:—

"The case of Post-Ovariectomy trouble which I have had under the Ovammoid treatment has done exceedingly well. The nervous condition is markedly improved and the flushing has practically disappeared."

#### **EPILEPTIC SEIZURES AFTER OÖPHORECTOMY**

M.D. (DUB.), states:—

"I think it right to acquaint you with the following facts relating to a troublesome case which I have been successfully treating with your Ovammoid Capsules. The patient is a woman of 24, who, when she came to me, had been suffering for a long period from Epileptic seizures. She told me that she had had as many as 40 attacks in 24 hours. She complained of constant pain in the lower abdomen, and told me that she had, some time before, consulted a gynaecologist who advised Oöphorectomy, and this was done, one ovary being removed. The patient, however, was still subject to Epileptic seizures, though not quite so frequently as before. She still complained of severe pain in the same region, especially at night when lying down. I decided to give her the Ovammoid Compound as being likely to be of the greatest service in the case. I was surprised to find, during a three months' course of the treatment, that the seizures became gradually fewer, and that the pain absolutely disappeared. The patient is now practically free of the fits and told me to-day, upon seeing her after a long interval, that she had had no seizure for five months. I would not say that this Compound is a cure for Epilepsy, but, from the facts of this case, I can honestly recommend its use in every case where there is a suspicion of Ovarian irritation or insufficiency."

#### **AMENORRHŒA**

F.R.C.P., L.R.C.S. (EDIN.), writes:—

"A patient of mine about eighteen months ago had the larger portion of one ovary removed. A year previously the whole of the other ovary had been removed. After the operations she had been fed up on Iron, Fellows Syrup, and Tonics, with a view to the restoration of menstruation, but these remedies proved of no avail.

"I then gave her the Ovammoid Compound Capsules (Lowenthal) for one month. At the end of that time, functioning returned and menstruation came on in a perfectly normal manner. This result is very satisfactory."

M.R.C.S., L.R.C.P. (LOND.), states:—

"Please send me another supply of the Ovammoid Capsules. My patient suffering from Amenorrhœa is steadily improving."

M.R.C.S., L.R.C.P. (LOND.), states:—

"The case of Amenorrhœa, for which I prescribed the Ovammoid Capsules, has improved considerably."

### AMENORRHŒA WITH LEUCORRHŒA AND NEURASTHENIA

M.B., C.M. (GLAS.), writes:—

"I am most pleased with the result which I am obtaining in a case which I have placed under the Lymph Compound treatment. The patient is a girl, æt. 21, married at 18. Since before marriage she had been suffering from Neurasthenia and Amenorrhœa. She also complained of a continual discharge. Furthermore, she had developed Anæmia. Many methods of treatment had been tried previously without any success. Then curettage was employed, and, after six operations, the patient was sent to the seaside. She wrote me from there to say that the operations had done no good at all, and that the discharge had returned. I came to the conclusion that the whole trouble was the result of nervous disorder. I prescribed the Lymph Compound. Fourteen days from the commencement of the treatment she wrote me to say she was improving marvellously, that she was now able to get up every morning feeling well, that the discharge was considerably less, and that she was able to play golf without feeling fatigue. Before the Lymph Compound treatment was commenced, she felt that a three-hole game of golf was too much for her. I shall continue the treatment."

### DYSMENORRHŒA

M.D., M.R.C.P. (LOND.), states:—

"Your new Ovammoid product has given me a surprisingly successful result in a troublesome case of Dysmenorrhœa. The patient was a girl of 19 who suffered severely from pain in the region of the ovaries, profound depression, excruciating headache, and who manifested marked hysterical phenomena at every menstrual period. Her mammary glands were very poorly developed, and I formed the opinion that the development of the ovaries was arrested also. Your Ovammoid Compound appealed to me as having a sound scientific basis, and I decided to test the treatment in this case. The capsules were administered for three months. The patient showed remarkable improvement in every direction and, in addition, her bust measurement increased by over

two inches. I have advised the patient to take the Ovammoid Capsules for five days prior to each menstrual period in future, and I believe she will experience no further trouble. She tells me that when she takes the capsules as directed she passes through the menstrual period quite comfortably. I feel convinced that in the Ovammoid Compound we have a most useful therapeutic agent of quite exceptional value."

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L.R.C.P., L.R.C.S. (LOND.), L.F.P.S., (GLAS.), states:—

"After administration of a small quantity of the Ovammoid Compound, the effect upon my patient was such, that Menstruation came on quite painlessly, a condition which this patient had never before experienced."

### THE PROMOTION OF GALACTOSIS

M.D. (LOND.), states:—

"I have been giving your Ovammoid Compound (Lowenthal) experimentally to a pregnant woman, with a view to securing galactosis. The patient had previously borne children, but in each case the infant had to be bottle-fed. I gave her the Ovammoid Compound for three months before the birth of her last child with the result that she fed this baby herself from its birth without difficulty. I shall prescribe the product again for similar cases."

### DEFECTIVE MENSTRUAL FUNCTIONING

M.D. (LOND.), states:—

"A month ago I started a patient suffering from Ovarian Insufficiency (æt. 40) upon the Ovammoid Compound. She had all her life suffered from defective menstruation, but there is now remarkable improvement."

# Formulæ, Dosage and Price

OF THE

## LYMPH COMPOUNDS

(LOWENTHAL)

By the administration of these products definite and satisfactory results of a **permanent** character are secured in conditions arising from Cell Degeneration, Disordered Metabolism, Auto-Intoxication, Imperfect Oxidation, Impairment of Nutrition, Exhaustion, and from the non-maintenance of that requisite physiological balance between the activities of the secreting glands which is essential to the normal chemistry of the organism. The positive results referred to are obtained by the compensatory and stimulative action of the products.

The capsules are usually given when the condition to be treated is one of functional disturbance of an ordinary character.

The serum is usually given when the condition to be treated is a functional one of severity and long standing, or one involving organic change.

Capsules and serum are frequently given conjointly (serum injections three or four times per week, and the capsules three times every day, injection days included) when the condition to be treated is one of functional disorder of severity and long-standing, or one of organic disease.

The serum injections, whenever employed, expedite progress.

### INDICATIONS

The Lymph Compounds (Lowenthal) have been exhibited with exceptional success in the conditions named in the Index, and also in cases of Myasthenia, Brain Exhaustion, Neuralgia, and Migraine.

The products are also reported by Practitioners to be of considerable service in arresting the progress of degenerative changes in the early stage, and in overcoming vaso-motor and other disturbances of the central nervous system.

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## THE LYMPHOID COMPOUND CAPSULES

(LOWENTHAL)

### FORMULA No. 4

Ext. Lymphatic Glands, Testes, Spinal Cord and Brain . . . gr.	2
Glycero Phosphate Iron . . . . . gr.	¼
Glycero Phosphate Sodium and Calcium . . . . . gr.	2
Aloin (when indicated) . . . . . gr.	1/20th

**Formula No. 2, the same without aloin.**

### DOSAGE

The dosage is one Capsule, three times each day, half-an-hour **before** meals.

**No ill-effects** need be anticipated from the administration of the Capsules, no matter over what period the treatment may be extended.

The Capsules are invariably sent out in a perfectly fresh condition. They are guaranteed to remain completely aseptic, and the organic derivatives are guaranteed to remain active for six months at least, subject to the observance of the conditions as to temperature and absence of light.



**\*PRICE**

The Lymphoid Compound (Lowenthal) is supplied in boxes of 100 soluble Capsules (or 33 days' treatment for one patient) at \$6.25 per box.

The price per dose is approximately 6c. without discount, and 4c. with the discount.

**THE LYMPH SERUM**

(LOWENTHAL)

**FORMULA**

Orchitic fluid. Extracts from Lymphatic Glands, Spinal Cord and Brain of young and healthy animals. Bi-chloride of Gold and Sodium (1/50 gr. to 10 minims of Lymph Serum) are employed for preservation purposes. The Salt is rendered compatible with animal matter. With the microscope ( $\frac{1}{8}$ th objective) the serum will be found rich in perfectly preserved Spermatozoa, Leucocytes, Crystals of Lecithin, Chloride of Sodium, Nucleinic Acid and Spermine.

The Lymph Serum is absolutely aseptic, the bactericidal strength being equal to 1/10,000 Bi-chloride of Mercury Solution. It is guaranteed to remain active for twelve months at least, subject to the observance of the conditions as to temperature and absence of light.

**DOSAGE**

The minimum dosage is 10 minims, the average dosage 15 minims, and the maximum dosage 20 minims per injection.

**\*PRICE**

The Lymph Serum (Lowenthal) is supplied in bottles, each containing 480 minims of serum at \$26.25 per bottle.

Practitioners ordering their supplies direct from the Company, will be credited with a discount of 33  $\frac{1}{3}$ % from these prices.

**OVAMAMMOID COMPOUND**

(LOWENTHAL)

**FORMULA**

Ovarian Extract.....	gr. 1.
Mammary Gland Extract.....	gr. 1.
Lactose (Excipient).....	gr. 3.

**INDICATIONS**

The Ovammoid Compound (Lowenthal) is being successfully exhibited, and is definitely indicated in the following conditions:—

The Disturbances of the Artificial and Natural Menopause (Neurasthenia, Flushings, Obesity, Depression, etc.)

The Neuroses following Oöphorectomy and other operations.

Sexual Apathy in Women.

Hysteria.

Insomnia.

Alcoholism or the drug habit at the Menopause.

Chlorosis.

Climacteric Melancholia.

Functional Sterility.

**AMENORRŒA.**—The Lymphoid Compound (Lowenthal) and the Ovammoid Compound (Lowenthal) may be administered conjointly when the condition is due to impoverished blood, mental or physical overstrain, exposure, nervous disturbance or disordered metabolism. When due to retarded development or delayed puberty the Ovammoid Compound (Lowenthal) alone is indicated.

**DYSMENORRHEA.**—The Ovammoid Compound (Lowenthal) alone may be given when the condition is due to arrested development or a degenerative condition of the ovaries. When due to systemic causes, such as Anæmia, Gout, Rheumatism, Hysteria, or Neurasthenia, and when pain is of a neuralgic type, the Ovammoid Compound (Lowenthal) and the Lymphoid Compound (Lowenthal) may be given conjointly.

**Metrorrhagia.**

Mammary Gland (Lack of development).

Mammary Gland (Degenerative conditions).

Mammary Gland (Neuralgia).

Uterine Myoma (Reduction).

The Promotion of Galactosis.

Defective Menstrual Functioning.

The great advantage of this new product over other preparations of Ovarian Extract is, that no compression is employed in the preparation of the Ovarian Substance, and the Mammary Gland Substance. Owing to this fact, and to the special processes employed, the inactivity and lack of therapeutical value so often associated with Ovarian Substance, when put up in the form of tablets or powders, is entirely obviated.

There is, as is generally admitted, a close and intimate relationship between the Mammary Glands and the Ovaries, and it is believed (and clinical evidence confirms the belief), that by the inclusion of the Mammary Gland Substance with the Ovarian Extract, the therapeutical value of the product is at least **doubled**.

#### DOSAGE

When the Ovammoid Compound (Lowenthal) is indicated alone, the dosage is one Capsule three times each day, half-an-hour *before* meals, and one at bed time.

When the Ovammoid Compound (Lowenthal) is given conjointly with the Lymphoid Compound (Lowenthal) the dosage is one Capsule of each product three times each day, half-an-hour *before* meals.

The Ovammoid Compound (Lowenthal) may be given with perfect safety, conjointly with the Lymphoid Compound or Lymph Serum (Lowenthal) when, in the opinion of the prescribing Practitioner, the condition to be treated is not wholly attributable to imperfect ovarian functioning.

#### PRICE

The Ovammoid Compound (Lowenthal) is supplied in boxes, each containing 100 Capsules (or 33 days' treatment for one patient), at \$6.25 per box. It is also supplied (when desired) in boxes each containing 50 Capsules (or 17 days' treatment for one patient) at \$3.15 per box.

The price per dose is therefore 6c. without the discount and 4c. with the discount.

Practitioners ordering their supplies direct from the Company, or through their usual jobber, will be credited with a discount of 33 $\frac{1}{3}$ % from the above prices.

#### GENERAL

All the Organotherapy products of the Company should be kept in a dark place, and at a temperature between 35° and 85° Fahr., but preferably between 50° and 75° Fahr. They can be specially packed for higher temperatures.

Suggested Forms of Prescriptions for the  
Lymph Compounds

(LOWENTHAL)

**The Lymphoid Compound (Lowenthal)**

R Caps. Lymph. Co. (Lowenthal)  
Sine or cum Aloin (as required)  
Mitte 100

Sig.  $\dot{\bar{I}}$  ter die  $\frac{1}{2}$ hor ante cibos.

---

**The Lymph Serum (Lowenthal)**

R Inj. Lymph. Serum (Lowenthal)  
Mins. 10 to 20 (as required)

Sig. Quotid'ie (vel diebus alternis.)

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**The Ovammoid Compound (Lowenthal)**

R Caps. Ovamam. Co. (Lowenthal)  
Mitte 100 (vel 50)

Sig.  $\dot{\bar{I}}$  ter die  $\frac{1}{2}$ hor ante cibos et  $\dot{\bar{I}}$  omne nocte.

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When the Lymphoid Compound (Lowenthal) and the Ovammoid Compound (Lowenthal) are to be administered conjointly.

R Caps. Lymph. Co. (Lowenthal)  
" Ovamam. Co. (Lowenthal)  
Mitte aa 100

Sig. aa  $\dot{\bar{I}}$  ter die  $\frac{1}{2}$ hor ante cibos.

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**Canadian Organotherapy Co.**

Nova Scotia Bank Buildings - - Cor. Bloor and Spadina  
TORONTO, CANADA

# Lymphoid Compound

(LOWENTHAL)

# Lymph Serum

(LOWENTHAL)

and

# Ovamammoid Compound

(LOWENTHAL)

**ARE STOCKED AND SOLD  
WHOLESALE BY**

**THE NATIONAL DRUG & CHEMICAL  
COMPANY, Ltd.**

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HALIFAX	NELSON	LONDON
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**AND ALL WHOLESALE DRUGGISTS**