## Technical and Bibliographic Notes / Notes techniques et bibliographiques

The Institute has attempted to obtain the best original copy available for scanning. Features of this copy which may be bibliographically unique, which may alter any of the images in the reproduction, or which may significantly change the usual method of scanning are checked below.

## Coloured covers /

Couverture de couleur
Covers damaged/
Couverture endommagée
Covers restored and/or laminated /
Couverture restauree et/ou pelliculee
Cover title missing /
Le titre de couverture manque
Coloured maps /
Cartes géographiques en couleur
Coloured ink (i.e. other than blue or black)/
Encre de couleur (i.e. autre que bleue ou noire)
Coloured plates and/or illustrations /
Planches et/ou illustrations en couleur
Bound with other material /
Relié avec d'autres documents
Only edition available /
Seule édition disponible
Tight binding may cause shadows or distortion along interior margin / La reliure serree peut causer de l'ombre ou de la distorsion le long de la marge intérieure.

L'Institut a numérisé le meilleur exemplaire qu'il lui a été possible de se procurer. Les détails de cet exemplaire qui sont peut-être uniques du point de vue bibliographique, qui peuvent modifier une image reproduite, ou qui peuvent exiger une modification dans la méthode normale de numérisation sont indiqués ci-dessous.

Coloured pages / Pages de couleur

Pages damaged / Pages endommagées
Pages restored and/or laminated /
Pages restaurées et/ou pelliculées
Pages discoloured, stained or foxed/
Pages décolorees, tachetées ou piquees
Pages detached / Pages détachées
Showthrough / Transparence
Quality of print varies /
Qualité inégale de l'impression

Includes supplementary materials / Comprend du matériel supplémentaire

Blank leaves added during restorations may appear within the text. Whenever possible, these have been omitted from scanning / Il se peut que certaines pages blanches ajoutees lors d'une restauration apparaissent dans le texte, mais, lorsque cela était possible, ces pages n'ont pas eté numérisées.

# UPPER CANADA JOURNAT 

or



JULY, 1852.

ORIGINAL COMALUNICATIONS.

## Art. XI.-A case of Intestinal Olistruction. By N. Bethune, M.D.

 Toronto.Francis -, at 43, ostler at an imn in this city, a man of well knit frame and strong constitution, was seized on the night of dune 30 and July lst instant, with violent pain in the eprgastrium, and constant vomiting of dark bilions matter containing a large quantity of mucus plentitully streaked with blood. The pain was increased by pressure-no tension of the abdominal parietes-tongue clean, pulse matural, skin hot and perpir-ing-urine semty, turbid and high coloured-bowels constipated. He was sitting in the bed, his head resting upon his knees. I had attended this patient on two previous occasions; once in Keb. 1851, and latterly in June of the present year; on each occasion obstimate constipation was the chief symptom, and was relieved in the course of five or six days by venesection and the more active aperients. In the present instance however, notwithstanding the free abstraction of bood both by the lancet and by cupping, the exhibition of the most powerful purgative medicines, the employment of enemata, simple and medicated, and the introduction of the long tube into the colon, nothing passed but a few scybala on the 8th day. The symptoms gradually increased in intensity, stercoraceous matter being ejected with the nuids vomited. Dr. Hallowell saw him with me on the 9th day. The long tube was again introduced, and the colon well washed out with a weak solution of the inspissated ox-gall, and purgatives again exhibited-
all however with no ribet. Symptams if etteric inthamation supervened on the 10th day. Irs. Widmer and Iatlowell in consulation. Great tenderness of the aboumen, chirnly in the couser of the colon. IIe was bled from a large orifice, in the upright funture, till symptoms of syncope were apparent, and atternards imnersed in the wam bath. The pain was slighty relieved in comerquener. Ih h day. 9a. m. Ite was lying upon his back perfectly incohnent-romstant moning-surface cold and clammy; vomiting at intervals of hilions matter amb steror-howels merelieved-pulse very feeble 130. Ordered an enema of coll brandy and water, and to take brandy by the mouth in mederate quatity. 3 r . w. was constious, pulse 120 and mach firmer-lying upon his tace-combenance expressive of most intense ansiety-reching constant-ordered apill composed of a grain each of calomel and cpimm every th hour, and a bohns of 8 grains of the inspisated ox-grail erery seeond hour. To take nothing else hy the mouth, excepting an encarional sip of cold water, and to have an injection of a quarter of a pint of strons beaftea and pont wine every three hours.

12th day-paseed a small amoment of pale fluid fieers about 7 o'elock last evening; to day he has had several evacuations of the same character, amounting in the aygregate to one quart amd a half. Less anxiety of countenance, pain on the decrease; pulse firm 115; wine in larger quantities; stomach much lees irritable. To continue the medicines-the gall at intervals of three hours.

13th day-Has had two evacuations of a dark greenish colour-pulse 96. Still a good deal of tenderness about the umbilicus. To take a little beef-tea by the mouth, aud to discontinue the enemata. The rest of the medicines as before.

14th. The bowels have been freely relieved, the foeces passing alundantly in a pulpy form-no pain whatever-pulse 80-thinks he is well enough to walk about. To discontinue the remedies, and to take an ounce of castor oii.

15th. Feels perfectly well-but rather weak-ordered tonics.
From this time he rapidy recovered.
A few remarks may not be out of place here. The obstruction was undoubtedly caused by impacted faceal matter. It was probably in the small intestine, for there was no evidence afforded by manipulation of the abdominal parietes of any mass of a size sufficient to obstruct the large cylinder of the colon. This is moreover shown to a certain extent by the easy introduction of the flexible tube, and the ejected enemata being perfectly untinged by feecal matter. We have a valuable diagnostic sign in the quantity of wrine excreted, as pointed out by Dr. Barlow, of Guy's Hospital. Speaking of the quantity as indicating the situation of obstruction in constipation, that gentleman observes, that in those cases "where there existed a perfect obstruction in the upper part of the small intestines, there was almost a total suppression of urine*; where there was a diminution in the calibre of the camal in the same situation, the urine was diminished in quantity; and where the small intestines were free, and the obstruction was

[^0]seated in the colon, the urine was very abundant. If then we regard this statement of facts merely in a diagnostic point of view, as aiding us in determining the probable seat of obstruction in the alimentary canal, it will not be without its use ; for every symptom must now be considered important which can help $u$ to decide a quention, the answer to which will go fir towards determining the expedieney of endeavouring to relieve an insurmountable obstruction by surgical operation."

I am happy to be able to furnish this to the many instances related by Allnat, Vanderpool and others, of the wonderinl efficacy of the ox-gall in thas form of ohstruction. I camot do better than quote Dr. Clay's remarks upon the modus operandi of this valuable agent: He says, "If I were asked how the inspissated gall acts, so as to procure a more soluble state of the frecal mass, I should say distinctly nether as a laxative, purgative, nor drastic, all such producing to a greater or less extent a stimulus to the intestinal coats, exciting them to propel their contents, and to excite an extra secretion from the exhalants.* (The latter action, however, in my mind, is rather questionable.) Such is the generally allowed operation of the various degrees of cathartic medicines, and the common consequence arising from taking such is nausea, sicknes, griping pains, de., more or less, according to the character and duse of the medicine employed. Inspissated gall, on the contrary, produces not the slightest pain or sickness, aid yet a motion can with equal or greater certaing be relied upon, and that in a form most easy and natural for propulsion. It is evident its action is not as a cathartic, but as a direct solvent to the accumulated hardened feecal mass, the consequence of deficiency of quality or quantity of bile in the alimentary canal; as such its effects may be produced without pain or uneasiness, which would not be the case if its action was on the principle of cathartics, \&ce."

There is another important point in connection with this agent, which is spoken of by, I think, all who have turned their attention to it. I allude to its power of nullifying the constipating effects of opium. It is abundantly proved in the case before us, where the patient took a grain of opin $n$ every fourth hour for nearly three dars. I shall conclude by quoting Dr. Allnat's remarks upon this subject. "The constipating effect of opium," he says, "is principally produced by its action upon the liver, the secretion of which it arrests and renders iusufficient for the due stimulation of the alimentary canal. In many cases this is a serious drawback to the exhibition of opium, for we often require its sedative, when its constipating effects would be sufficiently injurious to preclude its use. Five or eight grains of inspissated ox-gall will neutralize the effect of a grain of opium, without destroying its sedative effiancy. It also prevents in a great measure its injurious action upon the brain."

[^1]
## Art. XIl--On the Proxinute Culise of Infammotion. By Cianles Rolis.s, MI. D., Warkralle, C. W.

Presounly toleasug Eughanl, 1 pulbished an artuete on the fore-
 that tame by Dr. MeLend. The pecalar duetrine 1 hod on this pa-
 ence of many subecueat gears, attered many regpet my opmons thereon. The London juirmals have not hatherto bern very extenswely earenhated amonet the medical pirmethoners of thas comentry, and I dere saty the theory wall be as new to them as of at had never been prated. Trastar that it may prove as aceptable, and ansious as far in I am able to elacadate every disense connected with the hat man frame, I wall agan entir on the dormsion with the adrantages that years of expericuce hate added sme 1 wrote the former paper.

Before entermin on the manedate sulyect of tha arterle, in will perhaps be adrastble to make sume pasmy romarks upon the disease of Indammation atself, hkewse on its remote canens; so that the subjeet beng made contmuous, mght be better understood by the generahity of readers, at the same the that it will alford me a better opportunty of offermg some passing remarks umon the gencrally recerved doctrmes of the day.

Intlammation is defined and generally understood to he that state of a part $m$ which it is painfil, hotter, redder, and somewhat more turgul than as natural; wheh typeal symptons, when present in any considerable degree, or when they affect very sonshbe parts, are attended with fever, or a general diseased action of the system.

This defintion is correct, with the exeeption of the second symptom, which is nut accurately so, and may lead an mexpenenced person to false impressions. It is well known by the profession that Mr John Hunter tried varwis experiments to ascertain whether the sensible calone was augmented in Inflammation, and the result of them all was, that it was nut so. With this ronclusimn before us, it would be more accurate to say, or rather to define this second symptom of Inflammation, "a sensation of increased heat."

Inflammation is generally divided into healthy and muhealthy. These terms I cannot approve of, becanse they are apt to mislead, and more especially as, according to Mr Mfunter's theory, Inflammation is supposed to le a prucess set up by mature in many cases for the regeneration of diseased or damaged parts This dectrme I camot reconcale to my mind : nur can I conceive that one of the moct tatal of diseases can, in any case, be called a healthy process. I think the term misapplied, apt to lead the mind to wrong conclusions, and, comnecting the phase with Mr Hunter's peculiar doctrines, very frequently to wrong practice. I do not wish by any means to carp at a word; but I do wish, that as ideas are received into our minds frequently by words, that these words should in all cases convey a true and correct meaning.

The next dincom of thdamation is moto acute and chrome.



 mblumation" wabl eonsey to the mand of a young man just com-
 aram ted them ot havase, wheh the more expenenced practioner will tell ham in of such a mature that it mest, whe the ormary course of thuys, run it duration in a hurt perid! The system cannot endure this long embuname. What is the dea he will form then of chrone Inhamantion' (irtamly, that as before, it is a volent, aggravated frim of domene. Whati. in the form of aute, the system is mable to endare the ayy henethened permel; but when the word "chrone" is added, In an ithinh, at can te endured fir an unimated tame,-such mage is there m a nane. Agan 1 say I do nut wish to carp at ward: I ouly ofyert lnowse when mophaced, they convey a wrong
 whth all the - ympom by whet the disease 1 d demed) can, and does only exw in the c ract lecentity in whelh at takes its ongin, for a limatad proveh, amd ther for, should aluass be termed an acute disease, to the utter ex laswan the word "ehivare." With these few passing remark. "e presed to the remote canes of Intammation.

There are semerally divadeat matuo general classes. The first meludes ath steh ateuts as operate by therr simmulant or chemeal quahites; for miname, Cumburder, heat, de. The seeond class are those wheh at medhancally, wheh as brases, womds, die. To these I would adh a thri chase, viz.. eodd, apped drectiy to the part. The promeple on whith this becomes a remote cause of Inflammation, I will endeacour to explam in its preper place.

Nun, m any theory endea-onig to pont out the proxmate canse of this diswase, various pomis must be borne in mond ; and that theory, tu be entated tu crelenee, must gae an explanation not only of the lading sympons fresent an luthannation, but also it must show the chan by whel the manate semmected wh the remote or exciting causis, ond liken ise with the subsequent symptoms wheh elther invarably or uceasionally accompany it. Let us see, first, whether any of the hotherto promalgated deetrmes wall bear this test. If not, they are certanly incorrect, and not worthy of credence.

Pasmg liy the must antapuated of the ductunes on this subject.
The celobated Buenhave imagmed the proxmate cause of Inflammotion to consist in an unstruction of the extreme vessels, caused by an unasual thackness ur visedity of the bloud; wheh viscadity or thekness he turtht was poduced by darthea. perspration, or any other tanse whelh might be supposed to be an agent. Another of his doctrmes was what he termed an erior loce. pruduced, for instance, by a check of the p-rspration; wheh bemg retamed, dilated the vessels, and allowed the red glubules to enter, and produce a more permanent obstruction.

As regards the first of these ideas-that is, the doctrine of viscid-
ity-how is it possible that thas can be admitted ns a correct idea. Suppose a spark of tre to tutheh the tunca combuntive, or suppose with a needle we prick the web of a frog's foot, or take any other delicately sensible part of the lonly, and suddenty apis a piniverfill stimulus: the consequence is Imkamation eacited ahmst in an instant.
 moreover, accomt for morrused actom ! the sensuthon of mereased heat? the bright scariet apmarimee on the part ? whel howhd rather be of a dulhsh teaden hue. were vachaty the canse. the pam, ur cxcited sensation, whech shomet sather tee detied, than eadtet-me gencral febrite symptoms wheth ohten atemb ? and the frequent destraction of the part from over-excited action? Vasodity will never account for these.

The error loch, too, anseng from the obstructon to perquiration, is an equally monable doctrme. It I moderstand at arght, coery time any part of, or even the whole body, is expused to a sudden check of perspiration, so often must intammation tolluw. Sujpese, fur instance, the hand at any tame to be colered with perspiratury monsture, every pore of the skm open, ditate, and perspums treely, the hand is suddenly phanged imto cold water, the per-puration is immedately checked; dilation of the extreme vesels should manehately recur; error loci and Inflammation: how absurd and how murue is this. Do we not know that it is a common practice with sume nations, the Russians in partucular, to leave thenr warm baths (every pore of the cuthcle pourng out perspiration), and roll themstlves m show, alternately repeating the bath and the snow for hours tugether? and this they do with impumty, notwithstanding that every change frum the one to the other should, according to this ductrue, eacite lutlammation from head to foot. In fact the adea is absurd; the theory tur confincl; the error loce is true enougn-we all can ulserve that-hat the cause of that error loci can never be explamed by such a suppusition.

Dr. Cullen attributes the proxmate cause of luthamation to a. spasm of the extreme arteries, supporting an mereasal action in the course of them; and further he goes on to say, "the vis medicatris nature moreases still more the action of the vessels." His own words rom this: "A spasm of the extreme arteries, supporting an increased action in the ceurse of them, may therthore loe consulered as the proxmate cause of Indammation, at least m all cases not arising from direct stimuli applied." Let us explan this ductrme by other language, and see how it will read. It is admitted by all that in Infammation the red partucles of blood have forced their way into a channel through which they do not duw naturally. In short, according to the school term, there is an error loci, and in this error loce consists the essence of the discase; indeed, when once effected, Inflammation exists in all its essentals. But Dr. Cullen says this error lock or congestion, is the cause of the spasm. How, then, can the spasm be the cause of ats cause-that is, the congestion? The idea is altogether founded in error, and Dr. Cullen has totally forgotten the relative stuations of cause and effect. In homely language, he has put the cart before the horse. After all,
there is but hatle variation between has and Boerrhave's theories;one uses the werl obstriction, prolaced by checked petsparation; the other, spasm proluced by congestion.

Mr. Juhn LI'nter's opamon, here maty others he promulgated, were certamly ongmal, and ver! mgenous ; bit ahas, they want probabilty to endorse them. According to ham. Inthamation is to be considered only a disturbed state of purts, wheh requres a new but salutary mode of actum, to resture then to that state wheren a mathral mode of action alone is necencry. Mr Henter's meanmg, in his varous writmex, is often ubsure, anl the phsane quoted above partakes of the same fiult. If I maderstand it aright, it is thes :-Inflammation is a salutary process set up by nature to restore mured parts to a natural state of action. Let us ifllow ont this doetrme to its legitumate conchasion, and se what it will come to. A person walks out on a wady day : a hattle dust blows mon hos eyes; they become milamed, and the man se contined to he hone tos three or four weeks, undergome the salutary freness of nature-that is Inhammation; to get rad of a hatte dust, that is the disease. Another pracks hes tinger, perhaps under the mal; the part mhame: that is the process of nature, to set rad of the prech on the therer, and the patient poultures. and aphes butum, but chat cold, phess and purges, and contines hums if to has house fir prathes weeks. For what! Why, to subintue the calutary process whech uature had set up to mend the orgman inyury- the fick on the finger. Senly, hature takes a very rond ahont way to work oceasonally. if Inthamuation be one of her salntary prueessis for restorng damaged paris. Nou, nu. The theory is injurions, as all Mr Hanters theones wure ; lat it is useless to teil Physic jans of thas gencration, that hatlammation. with all its teaces, and its frequently fiatal termmations, is a salutary process set up by nature to repar an injury wheh, in tiot, were frequently no mury at all, were it not followed hy this zery salutay process of nature, to wheh is to be attrbuted the major part of the accompanymg derangements. How can such a doctrine le true? What mury, I ask, wonld a bullet frequently do in the aidumen. were it not for the inflammation which follows its presence there? What damage would be done to the lungs in many cases, were its presence there not followed by violent Inflammation? or "hat mjury would a ball do m the brain itself, were it not for the intense irritation excited by ats presence, which, perhaps, Mr Hunter would tell us is nature's salutary process to get rid of it? It may be, but the cure is worse than the disease.

Mr. Hunter goes on to remark, "The act of Inflammation is to be considered as an increased action of the vessels, wheh, at first, consists simply in an merease or distension ley und the ir natural suze. This merease seems to depend upon a dunimution of the muscular powers of the vessels, at the same time that the clasta power of the artery must be dilated in the same rropution."

Mr. Hunter has in this theory f.inin upon the same fact as both Boerrhave and Dr. Cullen; that $\therefore$, that th: extreme vessels are dilated, but he has assigned diffen at anses ior it. Boerrhave supposed it produced by obstructzon, Dr. Callen by congcstion, and Mr.

Hunter by a demznution of the muscular porers of the artories, at the same time that the vessel is dilated, and the whole he atiributes to a necessary operation of nature. Mr. Hunter has here tathen mint mioh the same crrur as his prederessurs: etery one knows, becance enory one can see (as I beture olserved) many case of Indammahon, that the extreme vessels must be dhated, there bemg a pasage affirded to new particles of blood, wheh prevonsly was not the case. But this is not the question: the point of considerition is to cumect the rinote and proxmate causes in one chan; one mast tolluw the oher; whe must explam the other, and it not, no rational, reasumable, mestigating mind, will be satistied with a theory, hat it he ever suplausible, or emanate from any man, however justly celebrated. Now wo all know that one remote canse of Imflamation ss stamh; we herewise know that the mmedate effect of stmmin on the haman body is contraction of the muscular filire; contractuon and cabargenut are certamly not the same. Huw, then, can Mr Mhater liverrit? It is impossible.

The last theory wheh I shall notice m thas pary the peneral opimion of the day; wheh 1s, that an emrousal wetrmin the zessels is the proxmate cause of the disease of wheh we are trathing. If I understand increased acteon in the human $\leq$ ste im anmh, ani if this be any other than a variation of the old the crec, then hast lee with increased action, mereased muscularty; in whur wins, mereaced action in an inflamed part, must prituke of mereasel unveilir u', "m. Now, muscular action proluces contractom, and if contrutwo of the vessels affected in Indimmation, be bronght to a cimtenucil wate of contraction by the mereased action. how is it fuesible that that state of distention can ever take place by wheh the uld partu-lt is of bued are allowed to enter? It is impossible.

I du not consider at necessary to enter mato a mire haghened refutation of the doctrmes we have farsed maler comsude ration. It will occur to every consilerate mund that there is sumethang waing; some comecting link to explan canse and eflict, whith nether obstruction, congestion, distension, nur menensal action will windy; and until thas be furmshed, we shall stall be at a luss in gamg any rational explanation of the prommate causes of laflammatom. Fo ifing this is the object I have m view in pubhshugg the phir, and I will now proceed to attempt it: it is fur the puifosion to juige whether satisfactorily or not.

I premise that Inflammation invariably onginates at the copillary vessels.

That these capilaries, wheh naturally $d$ not convey red-blood, are the branclies given of from trums whin do convey it.

That every vessel carry me real howd has nume runs capillaries branching from it, of whilithe red hevi-vessel maty be called the trunk.

That in every case of Imflammation, mure ur less in nmmer of these capmaries are constramed to convey red-partuche, which naturally they will not do.

That the action of the heart, of the artenes, and of the capillaries, combine to kecp the whole tolume of bloud in a proressive state
of motion; and that this actuon. produced by muscularity, when combmed whth the vis-a-tergo, winch is pronounced by other concurrent cathes, are qute sutficent to prevent any retrograde course in this fluid, and in esse an msumomiable obstache should ocenr, will enable it to find other chanmels by varous means, as we find exemplatied when any lurge vessel is thed.

The most cortam remote canses of mflammation, and therefore the best to argue upon, are stmmants, and the topeal application of cold ; as for mstance, allownur a pree of aee to dissolve in the mouth, whin I have frequently observed to produce milammation of the tonack almost mstantaneonsly.

Take now the smplest ease wheh can oreur. Suppose with a needle we prok the eye-ball, or the weh of a frog's foot, and mammatom ocerirs. What is the nedle m the rase! it is a stumalas: that is the remote cause. What effect has a stumulus on the part irritated? It produes eontraction of the maseular hibre. Suppose the firt irritated to her a capllary (as it must needs be at our macroseope morme is rugly, th: when suftre of the boly appearmg to be compkeed of surib), whiat will be the effect produced?

Of rourse the coats controut, and the dameter or calbere is for the time dumished. Nun, fir smphenty's soke, let us call the trmm of

 cam truk, d. Whit will be the athen produced darmg the period that the effect of the hamales remans on the capulary B? It will be the: at the mantin of the appheation of the stmalus a ceitam quantity of thad arrives m the trumk $\lambda$, to be transmitted through the caphlaries $B, C, 1)$, which were exactly of sufficient dameter to allow of the pasage in their uatura! shate. But an obstacle as presented to its the thansmosim; une of the caphlames is reduced m dameter; it will not perform ats daty; it is contracted; and will allow of the passage of litte, pehaps nonc, of the thad awatmg transmissum. What is the cmacapune! it cannot retrugade; the vis-i-tergo is qreater than the rustugy pewers of the two other capmanes; it frewresses, and that ome cumednenee san follow, and that is the enharement of the capllarus $C$ and $D$ to a sufficient extent to allow of the transimssion of the whele dhad, that is, of almust, or quite onethird more than the matural quantity. But the enlargement to this ethont of these eaphanes, prondered hy the vis-a-tergo appled, must allow of the passage to a certam extent, not only of serous, but alss of the red-partiches of hom, because, if, in the natural state, a passage is allowed to the red-putticles to a certan extent, and then further progrission is unly stopped by a dmmation on the calibre of the veserfs, most certaml, when that cahbre is enlazged, the red-paricles will force a way so far as that enlargement wall allow of their transmission. The consequence is that these two capullaries, C and D, thecone engorged with red-axitules, forced as it were moto them, and not affording a ready passage to the same, the circulation in them becomes labwred, and to a certan extent retarded. Meanwhile the effect of the stumulus has been expended on the caplifiny
$\mathrm{B}_{\text {, whel }}$ whmednately recovers its natural diameter; but the engromement of the vessels $C$ and $D$ preventing the free transmission of the amount of flud whel arrives at the trunk $A$, an mumal quantiy now awats transmissin thruagh the capillary B. This vessel, $m$ consequence, becomes unaturally distended, having green in ts then admission to red-parturles. The presence of these parteles in the rapullaries is smmar to that of exameons matter; they wet on them as a stmolus, and proluce a contrated efiort on ther gart to rod themsetes of thear presence. The nervons system partake of the lomi exotement; the tramsumssin of red-blood through parts momed to is presence, brongs whit it arger amont of calone in a given spare of tume than is habitual to it, sud the thturation wheh in premion onderso in the laboured action of the capillaries combines by remerma it free, to make th accumatated presence sensible to the nervons egstem The undue excitement of this (the nervous) system, produces the spusution of pam; and the engurge ment of the capilharies, the swehmes attendant on the disease; and the moment these symptoms are altogether present, that moment does the disease exist in its varims rhnractersisucs, let its extent lee greater or less.

To be as concrse as prosible in the explanation of my ideac embcerning the subject under discussion, I have supposed only one tronk and three capllaries to be affected, and the stimulus, wremone cans, to be the shghtest jussible, Lat the intelligent reader will eacly precenve that the same theory will apply where the promary vowols thmulated are hundreds or thousands, and those prmarily pregorged ton times the number.

Cold (topecally apphed) is another canse of Inflammation. Let us consider it under the action of this agent. It might operate in two wass; ether producms its effect (contraction of a part) by the rapul evolution of caturc, which on its passage acts as a stimulis, in a $91-$ mular way to the remote cause of action considered in the former puragraph, or ats eflect mght depend on its astringent or fontracted porrers. Be it wheh at maty, the consequence when apphed (say to the capullary 13) will be the same as in the former case, contraction-that is, dumation of th calibre. The capillaries C and D will herom. engorged as before ; the weratergo by this means being much incrmaed, will overcome (it not preswasly effected by the withimwal of the cense) the contracted state of the capilary A, which in 10 1 urn liocomng mgorged with red-partules, the whole phenomena of the disease, as in the former case (when a stimulus was applied), will follow.

It will here be seen that I differ to a certain cutent from hr Buras, in the explatation he gres on the operation of cold. as a prmote camse of predacing luhamaation. He says, "Cond may he plo phed in such a degree, and for such a length of time, as toderimy the vitally of the part directly, in which case sloughs are fomm. Secondly, st may be aphed in a less degree, or for a shorter tme ; and oferwards a stmalant, sulh as heat, may be applied, which will exeste Inflammation (and this he has endeavored to explain the rise of. by suggestang cold, as the remute cause), thereby the vitahty of the part beng dimmshed, and giting a better chance to the stimulus. huat, to exert ats deloterous influence." But this explamation camot
be admitted, in some cases, as for instance in one I cited before, when ire received into the mouth produces inflammation of the tonsls almost instimtancously, and without the subsequent admission or applsmation of heat. It is true Mr Burns to a certain extent is correct, as for instance where a person, from expusure to cold, for some tume, becomes amost benumbed, and is then suddenly brunght lefore a warm fire: in this case Inilammation frequently ensues; but it should be always borne in mind that it is the sudden exposure to heat which acts as it stimulus, operating on an organization depressed in its vital powers, which, in this case, is the remote canse of the Tuflammation-not the cold, which has merely acted in depressing the vitatity, and woudd not have caused infiammation to ensue had it not been for the subsequent application of a stimulus. Cider this idea I do not perceive that Mr Burns has given any explanation of the operation of cold as a remote canse in the production of the disease.

Or the second class of causes producing this disease, and wheh are supposed to act mechanically, one is Wounds. I am not altogether disposed to acquiesce in the general opinion that a wound acts merely as a mechanical cause in producing Inflammation. I feel more inelined to the belief that by this wound, or in the production of it, some stimulus is applied to the vessels concerned, whereby the disease, as in the former case, is produced. Wiounds are generally inthited by metallic instruments, and if a small needle prick in the eyehall will produce Tuffammation by the stmmas afiorded, I cannot perreive why a large knife, or larger sword, may not do the same. Wounds renerally make a discontinuation in some part of the body, and give fiee admission to atmospheric ar. particles of dirt, and other extrueous matter. These are all stimuli to the muscolar fibre. Womds are often bady dressed, and irritating appheations used. These are again stimuli to Inflammation. Wounds often penetrate the abdomen, or thorax, and give egress to urine, to fieces, and other extraneous matter. These are all stmuli, and quite sufficient to accomt for the origin of Inflammation, withont supposing any mechaninal cause to be lrought into operation. Vinder these circumstances, wherever Infammation takes phace, ronsequent on a wound, I am diquosed to accomat for it on the supposition, that a stimulus has been :pphech, in some shape or other, which stimulas becomes, as in the first supposed case, the remote cause of the disease, and consequently will range under the same class. The last of the remote canses of Inlhmmation which we shall take into consideration, is Contusion. This is wenerally chassed as a mechanical catuse, but I am very doubtful if it ever acts in the direct way which is generally suphosed, in exciting the disease under consideration. My idea of the operation of this cause in producing Inflammation is this. A contusion is intheted on some part of the body; injury and derangement is thereby caused in the part affected; extravasition of the blood, lymph, and frequently disintegration of continuity ; one or more of these canses become, or give rise to formation of stimuli, which in turn becomes the remote cause of the Inflammation. If my explanation be correct, contusions should, as well as the causes already considered, be amexed to the first class of causes.

But I will allow that contusions may occasionally act as a mechameal remote cause, sui generis. If it ever do so, the modus operandi I will thus explain. By the contusion, the red particles of blood are mpelled by an extraneous force (that is, the blow cansing the contusion), so that the capilaries more or less in the part contused are mjected with them. A free circulation through them by this means beng checked, the tronks of these vessels are mmaturely engorged ; to relieve which (and by the assistance of the vis-a-tergu already mentioned in another part of this paper) an umsual quantity is thrown upon the capularies in the netghbourlood of the contusion, whech becuming engurged, as in the case of cuntraction, form stumulh; true and vernable Intlammation is estabhshed in the ueighbourhood of the contused part, and all the symptoms of the disease are in attendance.

I have now endeavoured to explain how stumulants, cold (locally apphed), wounds and contusions, lecome the remute causes of Inflammation. It remains for me to say a few words before concluding this part of the subject, on the production of fever, which is so generally present many extensive Inflammation; and I think it will not be difficult to trace the connecting lank between the topical and the general symptums which attend the malady. We have already explamed how, on the operation of the remute causes being brunght mito play, the capullary vessels of the region affected become engurged, and consequently do not so freely alluw of the transmission of a thid through therr cavities as when in a natural state. The root or trunk of these vessels we have likewse shown is excited to a throbbing state of action, to relteve the distention caused by the umusual quantity of flud awaitmg transmussion. This trunk, therefore, to a certain extent, becomes engorged, and the transmission of axterial blowd to a certain extent retarded in 1ts passage. The consequence is, that the transmussion of arterial lhood is again retarded in the vessel posterior to this, that is in the section nearest to the heart. The prart in its turn acts or throbs more violently than usnal to relteve itself, and so may we trace the whole phenomena in a retrograde course minl we arrive at the heart itself. From this pont there can be no retrograde impulse. From the blood must be propulled, and to effect this the contractions are mereased in frequency, to overcome the engorgement which otherwase would ensue. This is one canse of the frequency of the pulse in Inflammation, but not the only one.

We have before shown that when Inllammation sets in, there is an engorgement of the capallary vessels in the part affected. 'To relieve thus, the vessels throb or act violently ; this is a state of umatural excitement. Accurding to a law of nature, nervous power is directed to any part of the system for the time being in a state of excitement; the nerves in the part are consequently man excited state, and this state of the nervous system accompanes the excitement of the arternal system m its retrograde course to the heart, from whence, acting one on another (that 1s, the circulating system on the common sensorium, and the nervous on the circulating system). that intense fever is produced which is so frequently the attendant of Inflammation.

Of course if it (the Inflammation) be greater, and the part affected more sensitive, the fever will be more intense. and race versa.

I am afraid it would uceupy tou much of my readers' tump, and too much space in the Journal fur one article, to cater more into detal on the sulyect hefure us. I wall therefore conclude, by recaputulating in a sumnary manner, the chet froms wheh 1 have endenvoured to comment on, and the theory which I have attempted to establish, concerning the proximate canse of the disease betore us.

1st. By the term Inflammation is generally medertood that state of a part in which it is pantul, huter, redder, and somewhat more turgit than at naturally is; whech symptoms, when prenont many consulerable degree, r affectung very sensible parts, are attemed with fever, or a general diseased action of the system.

I wonk prefer that the foregong paszige should read thus: " By the term Inthumathot is geturally maderstoed that state of : $\mathrm{p}^{\text {art }}$ in wheh it is panful, redher, sumewhat more turgnd, and has a sensation of greater heat, de. Ne.
and. To the dinsion of Inflammation mo heathy and mohealthy I entirely ubject, as I couseder it very hikety to lead to wrong conchanons and wrong pratice.

3rd. Tu the term Chrome Intammation I hkewne objert, as I do not believe that any distase (esentally from ats nature acute) can in the sume anmadute limalty becone chrone, and any other merfretation of the surd chrone tends only to mstead.

4th. 'Tu Buerrhave's, to Cuhens,' to Ifmers, and to the grnerally received theory of the day, concermang the proxmate canse of Inilammation, 1 an opposed ; becatise they are based on error in the first place ; becanse they do nut trace the cham of canser and elleet to a legitmate cunchason, secondly; and because, thardly, they do not accomit for the phenomena wheh we every day wathess, as attendants on Inhammation.

The theory 1 wuld propose to sulstitute is thas: That, as is usnally allowed, the remote causes of Inlammation are stmmin; cold, topreally apphed; womuds and contustons. That mevery case in wheh stimula are the remote cause, contraction of the capullares to a greater or lesser anount, and ma greater or lesser number, is prodnced; that in consequence the capilarnes in the vemty of the same becone engurged (as betore exphaned) in the hirst phace, and subsequently the capllaries pramarily acted on by the stumul. la consequence the trunks of these vessels become engorged, and hebrirmg to relieve thenselves of ther umatural foad, the exetement is commumeated step by step through the circulatory or nervous system. matil, with the topreal symptoms of redness, par turguty, and sensation of inward heat, is connected a pyrexia of greater or less mentensity, affectug the whole body. As regards topical apphention being a remote cause of milamation, I have endeavoured to explain it, by supposing that the rapul evolution of caloric proxlnced, may prove a stimulus to the contraction of the vessels as an the former case; if so, the phenumena would be einilar. Should it art, however, only by its power of produemg contracion, 1 see no difficulty maccounting for its agency under this supposition; as contraction of the callbre of
a certain number of capillaries more or less, produced suddenly, presents a similar state of parts to that before described under the head of stimuli.

I am likewise of opinion, that extraneons matter produced by contusions act as stumulh in cases where Intlammation sueceeds. But it is possible that the injection of the capillaries produced by extraneous foree, may of itself be sufficient in some cases to account for the engorgement of the trmas of these vessels, which in turn re-acting more volently than mstal, may produce over distention, and engorgement of capularies in the viemity, and thus establish the disease.

In my next paper I will endeavour to make a few remarks on the sequelie of Lallummation, vzz. :esolution, sunpuration, and gangrene.

Art. NII.-A Nute on the value of Collodion in Scabes. By J. Bovell, M.D.
Several authors have lately recoumended Tar and fats as remeches agomst suabes, then athon beng to exchade atmospherie air, and thus prevent the propugation of the disase. Laving lately had under my care some agoravated cases of Scabes, on wheh the onls and tar, ice., taned to make mach mpression, Collonion was substatuted wath the must narked beneth. Lin une case the drease had infested the body so centencely, that I was afrad to aphy the Collonon at once over the whole serviee, lest ill effects should follow the ocelusion of so large a porton of the cutaneons surface. It was therefore panted mot over the chest, back, and arms, and then over other aflected parts un alternate das. at the end of the fourth day the affectoon was completely arrested, amd it was only necessary aterwards to cover the hatte solated pomsts which shewed themselves.

The Collodion of course acts in a shamar mamer to the fats and moguents, but masumelt as it as a mach more clemaly apheration, patients of the better class who may hapien to become affected with scabies, would prefer its employment.

## TOROXTO, JCLI 15, 1852.

MEEILSG OF MILDICAL PRICIITIONERS.
In accordance wilk the request contained in the Circular adthesed to the Proferion by Dr. Wiomer, about veventy practutioners assembled in the IIall of the Mechanics' Institute on the first of July. In the minntes which are now published, the list of names only shows fifty-two, but there were several others present, who failed to give in their names to the Seeretary, although frequenty requested to do so. This may have been a politic step on their part, as evincing a desire to shield themselves from any responsibility attaching to the proceeding: of the meeting, and was certainly a more gracious way of effecting this object than the course adopted by one individual, who, after having sriven in his name the first day, and being present at the organization of the meeting, and during a part of the discussion, coolly requestrd one of his friends on the second day to desire that his name should be expunged from the records of the proceedings. IIad the individual in question possessed the hardihood to have attended and made the demand in person, he would have witnessed, what we now endeavour to convey a faint idea of to his mind, the just indignation of every one present, and have heard the well-merited castigation bestowed upon his unjustifiable and insulting request by one of the speakers.

Although there was considerable debate on the several points raised during the procerdings, we believe that every one will agree that the meeting passed ofl with harmony and good feeling. Few, it would appear, anticipated such a goodly show of Delegates, and all expressed themeelves with satisfaction at this the first occasion on which the Profession in the Province had been brought together.

Toronto, July 1, 1852.
Minutes of a Meeting held at the Mechanies' Institute, by the members of the Medical Profession, in compliance with a Circular addressed to them by the Honble Dr. Widmer.

Dr. Mewburn, of Stamford, addressing the meeting, stated that as Dr. Widmer had called the Profession together, although prevented from attending by indisposition, it was due to him that his name should appear as their President. This proposition was seconded by Dr. Lowe, of Darlington.

Dr. Mc(Queen, of Brockville, then moved, seconded hy Dr. Grant, of Yorkville, that Dr. Mewburn be appointed Deputy Chairman.

Dr. Smythe, of Brockville, moved, seconded by Dr. Badgeloy, of Toronto, that Dr. Melville do act as Secretary.

The Secretary then read a note from Dr. Widmer, announcing his illness, as also several letters from medical men, apologizing for their absence.

The Charman then stated that as Dr. Widmer had sent an Address wheh be had prepared, he should direct the Secretary to read it, which was accordugly done.

Genthames,-It wodd have been mure agreeable to me of one of the younger members of the proteson had come forwand ont the present vectanden thinte
 anmehoratug the condtion of the prathtoners of medicine in thas part of the Provalce.

Pemut me to achnowledige thanfully the courteng which hav prompted so mant of you to comply wath any request, to assemble for the purpose of delderatars on the subject.

I cound not, I am convinced, have proposed for your consideration a matter more worthy of it, or une which would be more hkely to secure your best attention. I hope, thereture, the results of our confetence will be such as to prove to the puble at large that we entertan a desire to elevate the standard of protessonal character, and by such means to sacure and centrm that contudence and respeet without whel the practuce of medune aban and mprohtable. I shal not mirude on your tume lurther than to asoure you I have stated tully and areely in the letter published convohing this meetng, the motives, wheh actuated me in tahing sueh a step, ds well as the rewons why Tononto was selected as the punt of assembing. I du this because I learin with regiet an mopresenon has wone abroad that the practumers revilent in thes caty seek to secure for themselves a munoply of control mothe alfars of the contemplated corporation. I can assure you that such an opomon is unfounded and unjust, and I thme that every one attendma here trum the country will return to their respective consttuencies with minds completely satsined that the metropolitan practitoners are sou-mant and earnest a thear desare to promute the general weflare. If it hapnens that the fortuituns carcomstances of Coronte being the capital of the Urovince, and pussessmey Schouls of Medicine, as well as bemg the place of meeting ut the present Medical Buard, shuha have been brought more prominently before the puble practitoners who reside here, and who are atl more or Less concerned mi these liatitutions, surely this will be recogmaed to be the natural and usual result of such combued causes. It will be admitted, I thnk, that such a result is far from objectionable, nay, is andispensible to the efficient working of any assoctation that we may be successful in entablishing. It is not to be supposed that the country practitioner can aivays conveniently leavo has
home and practice to attend to the ciseharge of his corporate duthe in a ditant phare ; the onus of mazagement will comequently tall upon theore undividuals who are nearest to the seat of centralizatom, and I do not presume any one would senously contemplate or advocate a peripatetce college.

As we are now assembled, however, with the dene and expressed utenthon of actung conscientionsly for our own sood, and the protection of the public ; let us strenuously and harnously set ourselves to work to carry out so laudable a design.

I would recommend that our first movement should be directed to ohtamus an act of incorporation based upon the same primerples as these sranterl to our Brethern in Lover Canada. We see our neighbyurs there, treated with hiberal legslative enactments; we have appied frutlessly for the same rughts, and our petitions have remained unheeded! We must reiterate our attempt to acquire equal justice, and not cease to agitate matil we have attamed our object; for we have right on outr side, and we cannot fal to succeed if we proclium that right with our united voices.

Having obtained an act of incorporation, the first step to our progre,s has been accomplshed. We shall then be enabled to form Bye-Laws to regulate the preliminary education of the candidates tor legal power so practice.

This is a subject of the first importance, with a view to the general improvement of the rising members of the protession ; for without a kuowledge of the ancient and some of the modern languages, together with an acquantance with the collateral scences, the Student of Medicine cannot arrve at that elevated position in socrety, wheh should render ham a promment me nber of the circle in which he is destined to move.

It is to be regretted that we find ourselves far behind our brethern in the United States in the social intercommumiation they so emmenty esubnt. We may well endeavour to imitate them in this respect; for the proceeding; of their various State medical societies present an instructive lesion for our regard. It is true, that obstacles enst here, from the widely-rvended surtace over which are spread the practitoners of this province, as contraved with the denser population of the cities, towns, and rural distriets of our nelyhbors. But, I thunk, with a hitte management, and the cultuvaton of that generous ieeling amongst ourselves, which we do not disown, we might presen a uwore unted phatanx of professional adhesion than we now do.

One circumstance that will, hu doubt, tend to promote on denalide an end, has already been accomplived, nam ly, the extubhiment of a priombat murnal in thes enty, tho progress on whelh, I am huppy to otwrese, in ruphly


 moted-an our owa fatherland. If persmat conammention, tram ma prechar

 dona, through the chamel of the gornat, whet will materalls lemoet the
 hov many have already avaled themstlver of thr advantage. It mas an tio out of place here, to remark upon the rapuly advancing proureen ot the pronmee in population and wealth.

When I sethed here, 35 years ago, the proppect was but hithe concourature ; ${ }^{\text {t }}$ and many were the moments of duder and he-thaton with me, whether 1 -inuind not commence a retreat from no unpromsury a held; but energr, and the -prot of endurance, came to my aid, and I plohded on through the then muld a ar ats of this ety, and the worse roads of the rural district. Now, I ne to betmold it wealhy and populous communty, the e-tablishment of a luveraty, and two effectuve schools of medical serence, the rural districts well supp wid with pro fessional and, and the field expanding throughnut the land tor thr wht antareomsettlement of additional members: When I remark on theve cluage suce my
first location bere, I cannot but congratulate you dil, and the young beginners most espectally, on the altered prospecty prempited fot their evertions; for atthough, to them, the path may at present bu as rugged and difteult as the one I had io travel, it is obvious that the ratio of mproverment is tast advanemg; and he that finds himself to-day in a remote aud unprommine position will, atter a short period, be surroundered by a population able and wiltug to reanunerate him for his services.

Quackery, gentlemen, is a bugbear that we noed not bi afraid of, for, as education is now, so happily, promising to be generally diftured throughout the masses, the publie mind will no longer tolerate the asumption of the ignorant pretender; and the well-educated protessmat math whl be sure to ohtan that consideration wheh a discernugg communty wall himw he in entifler torecoive.

Gentlemen attending as Delegates from Counties, or otherwise, were then requested to hand in their names to the Secretary. When the list was completed the following were ascertained to be present.

Dr. Mewburn, Stanforl,
Dr. Mackelcan, Hamiltun,
Dr. Long, Ilamilton,
Dr. J. R. Crr, Bondhead,
Dr. Badgley, Turontu,
Dr. Nichol, Toronto,
Dr. Lowe, Whity,
Dr. Bovell, 'Toronto,
Dr. Howe, Darlington,
Dr. Merrick, Toronto,
Dr. Crewe, Cookville,
Dr. Paget, Thornhill,
Dr. Rees, Toronto,
Dr. Gunn, Whitby,
Dr. Burritt, Smith's Falls,
Dr. Church, Granville,
Dr. Colter, Toronto,
Dr, Turquand, Woodstock,
Dr. Dallas, Palermo,
Dr. Garduer,
Dr. McPherson, Caledonia,
Dr. Grant, Yorkville,
Dr. Telfer, Toronto,
Dr. Barnhart, Streetville,
Dr. Macklem, Chippewa,
Dr. Bown, Hamilton,
Dr. MeMicking, Chippewa,
Dr. Bethune, 'Toronto,

Dr. Cumingham,
Dr. IIrrod,
Dr. Wrolverton,
Dr. Quirk,
Dr. OBrime, Trormin,
Dr. Hodder, 'Ioronto,
Dr. Beaumont, Toronto,
Dr. King, Tornto,
Dr. Fraser,
Dr. Trener, Toron'o,
Dr. Croulie,
Dr. Wright, Varham,
Dr. Hunter, Newmarket,
Dr. Gelke, Bondhead,
Dr. Varere,
Dr. Mecill,
Dr. Tempest,
Dr. Lamgstaff,
Dr. Durie.
Dr. Parsons,
Dr. Pass, Barrir,
Dr. Tarron. Dhamville,
Dr. Mitrhell, Dundas,
Dr. Turker,
Dr. M. Queen,
Dr. Smythe, Brockville, Dr. IIiphus, Dr. Petch,

Dr. O'Brien then proposed the question as to whether this meeting was to be considered an open one or not. Whereupon Dr. McKelcan moved, seconded by Dr. Jarion :

1. That this meeting be cousidered on apen ome, as remorls the members of the Press or any other gentlemen desiring to be present; but that the proceedings themselves be confined to qualified members of the profession.-Carried.

Dr. O'Breen then moved, neconded by Dr. Tempest :
2. That the muetimg behtes that sume Laegslative enactment for the incorpwation of a College of Physums and Surgeons, composed of the legally ghahtiod practhonern of Medheme m the Cpper
 are engoed by them m the sinter Provmee and in the Mother Comiry.

I' was moved in amemdment by Dr. Jarron, secunded by Dr. Fraser:
"I hat the evisting Acts of the Parhament of the late Province of
 regulating the prathee of Physe, surgery, and Malwitery in that l'rovme have become unsuted to the state of the country, and altogether madequate to see are to the commmety a supply of properly edncated practioners; that it is advisable and necessary that these aets should be repeated, und provisions madely the Legislature for the eduration of medeal practitiverss, for preseribng a proper curnculum of stady to be fellowad by all anpirants to the medncal profession; and that the condart, general ath cumnents, and medeal knowledge of such asprants should be tested by one or mure exammations, by a board oi competent men, before a heense to pratice the prufesson in the Province should be grimted.
"And it is further necessary to define and fix the terms on which a hberty to practice the medied professun in the Provmee should be granted to imbuhath enjoymes such probleges many part or phace In Great Britain and Ireland, in virtue of a Medoal Degree fiom any of their lual Cullegiv, of a Diphoma, or heense to pracise the several department of the profiomen ifum lutal benkes anthorsed to grant the chat ; and aho that the hrme on whela forengers or others holding lowal rights to prethe the profinom lig virtue of any genemal or local armacemonts of firman comatres shodd be adnated to practice the protesion in this country:"

The amendment was then put and lost.
The original motion was put and carried.

## Dr. Terfer moved, seconded by Dr. Paget:

3. That such ict of heorpuration should vest in the members of
 ment. - That the Conprathon should determane the prehmarary cdacation of candidate piphls, the duration and course of stady, and the qualifications fir henese, Nould conduet and make the exammation for heense, and regulate and control the eonduct of ats members.

It was moved in amendment by Dn. MePherson, seconded by Dr. R. J. Gunn :
"'That it is necessary to provide for the regulation of the medical profession, and that means should be afforded whereby these who have been examined, and foum shilfful, by competent authority, may be known from ignorat and unshalful pretenders to the sume knowledge."

Amendment lost. Resolution caried.
"That the thtes of all medneal practhoners at present in this Provimer, who are legally anthorzed to practue the several branches of the professon, and of all students and uthers who shall afterwards be foumd legally entitled to practice, by the authority appointed for that parpose, shall lie uniform."

It was moved by Dr. King, scconded by Dr. Orr :
4. That a petation to the three branches of the Legislature be prepared, and circulated tor signature among the members of the profession, praying for such an Act of lncorporation as has been already granted to our brethern in the Lower Province; and that Drs. MeKelean, Curguand, Lowe, Mewburn, Badgley, Bovell, Church, Smyth, the Charman, Deputy Charman, and Secretary ex officio, be a Committee to dratt and prepare the same.-Carried.

It was moved by Dr. MeKelcan, seconded by Lowe:
5. That the Committee be mstructed to draw up the petition an accordance with the resolution,-Carred.

It was moved by Dr. Smyrhe, seconded by Dr. Lowe:
6. That the mecting do form itself into a voluntary association, to be called the Provmeral Assocmiton of Physicians and Surgeons of Upper Canada; and that the same Commattee appointed under the 4th resolution be requested to draft a ende of lBy-Laws for the government of the Assoctation.-Carried.

The meeting then adjourned until 10 o'elock to-morrow.

## Joun Mewburn, Deputy Chairmur.

Henry Melviile, Secretary.

Tononve, July 2, 1852.
Minutes of a Meetiag held by adjournment from the 1 st instant, of the Medical Profession of Upper Canada.

Dr. Meweurn took the Chair at 10 o'clock, A. M. The Minutes of the last meeting were then read and confirmed.

The Secretary then read the Report of the Committee appointed to draft a Petition to the Legislature :-
Your Committec apponted to draft a Petition to the three branches of the Legeslature, based upon the Resolutions passed at the sitting of yesterday, beg to report the fulluring dratt of the same:
To His Excellency the Earl of Elgzn and Kincardine, \&c., §c., Gucernar Gcucral, fre, dr.
The humble Petution of the undersigned, duly lieensed Practitioners in Medreme, residng in Upper Canda-respeetfully sheweth :-
That while in the Lower Province the members of the Medical Profession are incorporated by an Act of the Provincial Yegislatare,
passed in the 10 th year of 1 ler Majentys reign, chap. 26 , mtituled, An Act to meorporate the members of the Meducal Professon m Lower Canada, and regulate the study and practue of Physe and Surgery, no such provision exists for the l'rofessun in Upper Cinada.

That, from the want of such proper Lequslative enactmenc, the Profession of Medreine in I Pper ('inada does not enjoy equal advantages with their brethren in Lwwer Camada.

That such an Act of Incorporation, if passed for the Upper Province, wonld have the effect of plating the Profession on a better footing, by emabling the College to raise the stamdard of education, and by such means secure the contidence of the public.

Your petitioners therefore pray that Xuur lexeellency would concur with the other bramehes of the Legislature in passing an Act smmar to that of the Lower Provinee, and with such alterations only as wonld render it applicalle to the different nature of the territorial divisions of the Upper Province. And your petitoners, as in duty bound, will ever pray.

Your Committee would also suggest for the adoption of the Meeting, the following code of Instructions to the person who shall be engaged in framing the proposed Act, as well as for the guidance of the gentlemen who may be requested to take charge of the same in either House of Parliament.

## INSTRUCTIONS:

Crause 1.-Citle and preamble of Bill to reman the same, substituting the word "Upper" for "Lower," wherever the latter occurs. After the words " from and atter the pasing of this Aet," page 4, he 3, recite the Acts under wheh the prufesson is at present regulated in Upper Canada, and continme from the words "all other acts," page 4, hae 14. Omit the last paragraph of the first chause, commencing with the words "provided always," line 31, page 4.

Clause $\boldsymbol{Z}^{2}$-After the necessary vertal alterations, for the names commenring "Daniel Ariodi," lume 11, page 5, substatute list of heensed practitioners resding in Cpper Canada.

Cinuse 3.-Mere verbal allerations.
Clatise 4.-For this chase substitute the fullowng:--That the affairs of the sad College shall be conducted by a Board of Governors,
in number, who hall be eleted in the manner tollowng:-On the first day of , iu each year, the Medk al Practitioners residmg in each City, Cown, and County, shall assemble for the parpose of electing Governors, by whom the affars of the sind College shall be conducted-that is to say, five for the City of Turonto; three for each of the Cities of ILamilton and Kingston ; one for each of the corporate towns in wheh there hall be resident more tham two practitioners; and one fur each Comity.-The sud electoons to the held at the City or principal curporate Town in each County: and the (iovernors elected to be bona fule residents in such City, Tunsi, ur Cunnty, which they may be elected to represent.

Cuatse 6.-Omit las! half of clause.
Ctanse 9.-In this eranse ansert the fulluwing :-That on the first day of Janary, in every year, the duly licensed practitioners resident m each City, Town, or Comty, shall enregister his name, age. with the date of his lieense, and phace of residence, with the Clerk of the Peace for the Comaty which he resides, and ubtam a certificate of the same; and that no persun shall te permittel to practice Medicine, Surgery, or Mudwitery miness he pussess such certificate of enregistration, under a penalty, de. - to the end of clamse.

Crause 10.-Omit sec. 3, page 11. In sec. 4, for "Members," line 3 , substatute " Governors."

Clalse 13.-For the word "Licentiates" substitute " Members." For the words commenemg " be consequently in" substatute " who shall be elighble tor election as fiovernors under the regulations provided for in clause 10 , section 4 , of this act, provided always, \&e.

Clause 15.-Omit.
Clavse 16.-Omit the word "demands," line $k$; and substitute the word "three" for "five," line 4 , page 16.

Your Commttee would also report that, viewing with anticipation the carly passing of such an aut as that now about to be prayed for, they have delayed reporting upon the rules for the government of the Association of Physicians and Surgeons until the fate of the Bill is determined, inasmuch as any rules or ByLaws framed under such act, would necessarily differ in many particulars from thuse required by a mere voluntary association, the working of the latter budy being equally well regulated by the ordinary rules which guide public meetings and similar institutions.

Your Committce further suggest that, as the Session of the ${ }^{e}$ Legislature is near at hand, active measures should at once be adopted to promote the objects of this meeting.

The following gentlemen who were not present yesterday then gave in their names :-

Dr. Mallowell, Dr. Aikins, Dr. Richardson, Dr. Wright, Dr. Workman, Dr. Kellogg.

Dr. Rees then muved, seconded ijy Dr. Mallowella:
That the Dratt of the l'etitun then read be adupted, and engrossed for signature.

It was moved in amendment by Dr. Jannon, seconded by Dr. McPherson :

That the draft of the Petition now read be not adopted, as the proposed Bill contains principles contrary to the provisions that the British Legislature have stated to be necessarily included in such
enactments. for the protection of the publie, and that it most also prove an injury to the interests of the members of the Protession themselves.

The amendment was lost, and the origmal motion carried.
Dr. Workman moved, seconded by Du. McPuerson:
That the Bill, with the suggestions contamed in the Report of the Committer, he consulerel clane hy clanse.-Curred.

The Secretary then read the first clause, with the proposed amendments.

It was moved by Dr. Mitcherl, seconded by Da. Cromby :
That the first clause, as read by the Secretary, be adopted.
It was moved in amendment by Da. Wright, seconded by Dr. McPherson :

That all the Acts referred to in the clanse be repealed.
The amendment was carried.
Much irregular discussion then ensued, in the course of which Dr. Mitchelf moved, secunded by Dr. Bovelle:

That this Meefing desires to express its regret that the Honble. Dr. Widmer should have been prevented by ilness from attending this Meeting, and affording it the bencfit of his talent and experience.

Carried nem. con., the meeting rising.
After some further discussion, it was moved by Dr. Turquand, seconded by Dr. Kellogg, of Mariposa:

That the Bill reported by the Committee be adopted and carred into effect by the members of that Cummittee, as intended by the Meeting on the 1st instant.

This motion was carried.
It was then moved that Dr. Crombie do take the Chair.
It was then moved by Dr. Jarion, seconded by Dr. MrtchEli. :

That the thanks of the Meeting be tendered to Dr. Mewburn, for his conduct in the Charr.

It was moved by Dr. Worman, seconded by Dr. IUumer :
That the thanks of this Meetury be gaen tu Dr. Melville, for his services as Secretary.

It was moved by Dr. Jarron, seconded by Dr. Whight:
That this Meeting do adjourn muth the first Wehnesday in September.

Jonn Mewbuns, Chairman.

At a meeting of the medical practitioners held in Simeo, (County of Norfolk), on Tuesday, 22nd Jume, called for the purpose of responding to the invitation of the Honble. C. Widmer, it was passed unamimously-That Drs. Crouse and Coverton be our delegates, and they are hereby requested to represent the profession located in this section of the Province at the meeting convened by Dr. Widmer for the 1st of July next eusuing.

After the special business was transacted, and Dr. Coverton cailed to the chair, it was resolved and carried-

1st. That a Medical Association be formed, to be called the "Norfolk Medical Association," to be composed of all iegally qualified Medical Practitioners residing within the limits of the Association.

2nd. That after the commencement of the ensuing year, every person desimg admssion into this Association, shall he required to present credentials, proving him to be legally qualified to practice Medicine and Surgery, upon presentation of wheh, and payment of the annual fee, he is entutled to a seat in the Association.

3rd. That the first ammal meeting of the Association shall be held in Simeoe on Monday, the 6th of July ensuing; and all subsequent meetings shall be held as decided on at last meeting preceding. The entrance fee to be 10 s . per ammm.

4th. That the management of the Association be confided to a Committee, composed of the President, Secretary, and Treasurer, and the following gentlemen, viz:-Dr. Wilson, Simcoe; Dr. Duncombe, Waterford; Dr. Bowlby, do. ; Dr. King, Port Rowan ; Dr. Phelan, do; Dr. Culver, Vittoria; Dr. Segur, Port Dover---five to form a quorum. The officers and committee to be cleried ammally. The following gentlemen were proposed for election at the next meeting, vi\%:President, Dr. Crouse ; Treastrer, Dr. Coverton; Secretary, Dr. Clarke.

5th. That the senior menbers shall preside in rotation ; seniority to be calculated from the date of Degree, Diploma, or License. And that at each meeting the members present shall be mvited to propose some subject for conversation and diseussion at the fulluwing meeting; selection to be made by the Precident.

6th. That interesting communications from gentlemen not members of the Association will be gladly received throngh its Secretary, to be brought before the notice of the Association, by readmg aud discussion.

7th. That young men, students of medicine with any legally qualfied medical practitioner, shall be admitted as spectators at the meetings of the Associntion.

8th. That the objects contemplated by the members of this Association are-a more general personal acquaintance and intimacy
amougst the members of the profession than at present exists, and, perhaps, the diffison of a more limdly feeling-the improvement wheh mvariably results from the association and trequent mercourse of professonal men-and the weight with which, as an Asserman, they may prefer any applicition for professonal oljects to the Legslature.

Signel, by order and on behalf of the meeting.
Joun Clanke, Secretary.
The following gentlemen gave in their adhesion to the above resolutions and constitntion, viz:-Dr. Coveron, Dr. Walker, Dr. Phelan, Dr. King, Dr. Culver, Dr. Croise, Dr. Bowlby, Dr. Clarke.

## TRINITY COLLEGE.

We insert in this number a wood-cut of Trinity College. The Merlimal Farnly will secupy the chas rovins on the castern side of the building. It is also our intention to give similar illustrations of the other Seltool in Torouto, a-swu as we can obtain wond-cuts of them. The buildings of the Linversty of Toronto are beaatifully situated: and in that Institution the Medical Faculy are accommodated in a handsome white brick building, detached from the main one; it ha wery fine Lectue rooms, and a lofty, well-aired dissectimg room. Dr. Rolph's School, stuate on Quen street, has also been repaired, and last year additional accommodation was provided.

The Parliantent is jus on the eve of assembling for the despateh of bu-ine-s, and we siner rely hope that they will ned allow the sevion to tiane cre they the the question of Medeal Reform into consideration. We cannot ourselves see any very great difficulty surronding the mater, and therefore urge on thr Commissioner of Crown Lands the necessity of his moving in it. The Legal Profession have their Osgoode Hall, and they insist on examining all candidate, whether they have a heense or degree,-why not give the Medial Profesom a preesely parallel fnstitution for Coper Canada, and thus have one Boasd for the whole Upper Province.

## 

Lathtule, 43 deg. $39.4 \mathrm{~min} . N$. Longutude, 79 deg. $21.5 \mathrm{~min} . W$.

Hishest Barometer .. $\quad 29938$ at $8 \mathrm{a} . \mathrm{m}$. on 12th ? Monthly range,
Lowest Baroneter... . $2 x 983$, as muduge oneth $\} 0465$ inch.
Hiphess olservid emperat're 8501 , at 3 p.m. onl 6 th ) Nonthy raugo
Lowest regisicred ". 372 at a m. on 4 th $\quad 48=.9$

|  |
| :---: |
|  |  |

Grestest dxity ramge, 2 or 9.1 , from 2 p.m. 231 to 2 mm . of 24 th.
Warmest day, 1 Sth. IIean temperature. $74^{\circ} 33$, Difference,
Cuidest day, 10th. Mcan temperature, 48.10 \} $26=.23$
Fire Flies hirst obscried on the evening of the Sth.
Very brilliant Seteor in S. wh at 91, On, 30s. pin.

 mean, the quantites in the fatter cave being marked -. Sce this Journal, May 1852.
(a) A fanked absence of Magnetical daturlance.
(b) Unimportant movements, --not to be called disturbance.
(c) Marked disturbance,-whether shewn by Itequency or amount of devabion from the notmal curre,-lmit of no great inportance.
(d) A greater degree of disturhance,-but not of long continuance.
(c) Conviderathe diksurbance,--lasting more or leas the whole day.
(f) A magnetical disturbance of the first class.

The day Is reckoned from noonto noon. If two letters are placed, the first applies to the earter. the larter to the lazer part of the trace. Althosgh the decllation la particularly refcired to, it rarcly happens that the same terms are no: sppilcable to the changes of the horisuntal force aiso.

Elecation abore Lake Onturio, 108 feet.


Sun of the Almospherec Current th Miles, resoived anto the four Cidrdinal Directons:


Mean veloclty of the uind- $8 .{ }_{3}$ miles per hour.
Max, veloclij-23 6 miles per hour, from 4 to 5 p m. on zend.
Most windy day-22nd, mean velocity- 1238 miles per hour.
least witdy day-las. mean velocis - 0.30 duto.
Most whady hour- 3 pm. mean a clocity-i 18 ditto.
Least widy hour-11 pm . : do. -1.3 dithu.
Mean durnal variation- 563 miles.
CUMPARATIVL: STATEMENT.





[^0]:    - Dr. Stokes, in his work on the Practice of Medicine, has called the attention of Pathologists to the fact that, in ileitis, suppression of urine was one of the mest prominent signs.

[^1]:    * Dr. Addison, some years ago, in the Physical Society of Guy's Hospital, when the subject of constipation was being discussed, remarked that he had in several instances found drastic purgatives perfectly useless. while the frequent exhibition of milder aperients, such as olive oil, was attended with the best results.

