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ıma, be sı o pant for as and the roportions vaso-motor er, and the :come ashr stines have ntelligence either conples might tion of the ence of the of its integalmost in oms which remote or er to apply al disease te organi sses of dis e mistake ious active ved agains v injurio spect might 1 disastro

> t in my ow Turquand sponding t mmond, s Diseases of treatmen numerous. So almost universally does nervous inaving the suence enter as a factor into the cause of most easy task t diseases, that medical diagnosis might be reduced, I had M as chemistry is threatened to be, into one element; material fo and should we happen to be in doubt (which of ies loonie ourse seldom happens) we might conclude like some C. E m. patients, when asked what is the matter? reply, ve lecture

pical results; we can say that the progress made in its cultivation has been of late years extremely satisfactory. And yet it must be stated with emphasis, that we only stand at the beginning of a successful development of the subject, and that an extremely large amount of work remains to be done." When we examine a portion of the spinal cord, we detect in it nothing suggestive of its functions, as we do in some other organs of the bodyapparently a homogeneous, inert mass; but physiologists have discovered and proved that it is not only the medium for transmission, but also centres assisting in originating the important and delicate functions of sensation and motion. They have also succeeded in assigning to each particular part of the cord its special function, and it is necessary to an intelligent apprehension of the diseases affecting the spinal cord, that the physician should have a somewhat clear idea of the complicated functions which it performs with such inimitable regularity. I know of nothing in nature more beautifully illustrative of design than the co-ordination of muscular action, when opposing forces act and react upon each other in the performance of intricate movements, and with such unerring precision that, in health, we are unconscious of their existence. There is not a movement of the body but is more or less due to nervous control. The sensations of pain, temperature, functions of absorption, secretion, excretion, and assimilation are all depending on the integrity of nervous force and action. The diseases connected with the cord, as might be inferred from that circumstance, are very

research, and one most fruitful of important prac-

"I think, sir, it is the nerves." Since Sir Charles Bell, in 1811, published his n the result celebrated little pamphlet, "An idea of the New the time Anatomy of the Brain," many excellent works have ago, to the written on the subject. It is impossible to eases of the nore in a short paper, than refer to a few of ng last rethem. From those I have had the pleasure of "The consulting, I have gathered this fact, that very or scientif

ferable to the cord or other organs of the body. and often simulating organic lesions—are, in reality, the result of functional disease of the cord, and caused by reflex action, deficiency of quantity or depravation of quality of the blood for its nourishment and repair; and usually characterized by tenderness in one or more points of the spine. It is not difficult to understand that undue exhaustion of the cord without an equivalent of repair, would be followed by the impaired performance of the functions of sensation and motion, and manifested by pain or spasm-pain being the usual signal of alarm by which mischief in other parts of the body is made known. We find the analogy of the effect of deficiency of blood in the cord, in the cerebral symptoms which follow ligation of the cerebral Authors are agreed that many of the arteries. protean manifestations of hysteria are due to spinal irritation, but there does not seem to be much unanimity amongst them in reference to a name for this peculiar condition of the cord, as will be shown by the following quotations. Dr. Turk. of Vienna, in an article in the British & Foreign Medical Review, speaks of "spinal irritation" as a purely functional derangement of the nervous system; calls it "neuræmia," and gives the cause as reflex action from diseased viscera, some deprayation influencing the ganglia of the posterior roots, or some morbid condition of blood circulating through the central axis. Sir James Paget, in an article in Braithwaite, discourses at some length on what he designates "nervous mimicry" of diseases of the spine; a class of cases often very puzzling to the physician. R. B. Todd, in the London Lancet, writes on "local hysteria," which he regards as "reflected nervous phenomena," and speaks of the very common symptom of pain immediately under the left breast, which in his opinion may almost invariably be attributed to a debilitating cause, as leucorrhoea, &c. Dr. Kennedy, in the London Fournal of Medicine, has an article on functional affections of the spine liable to be mistaken for organic diseases. Gamgee, of Manchester, in writing on a disease which he calls "nervous debility," says: "Under the general and somewhat indefinite term, nervous debility. I may include cases in which either as a result of long continued bodily and mental exertion, or of undue excitement of certain cranial or spinal centres, or e to furnish any of the symptoms of diseases—whether re- of a disturbed nutritive balance of the organism