

the application of the Electro-Neurotone of Hodgkinson, to the abdominal walls, produces a sensation electric in character, which must be adjusted, to the needs of the patient. The power of static electricity seems to be chiefly as a regulator of functions, according to *Munnell, of Brooklyn*. It increases metabolism, so a person can absorb more oxygen, and this improvement in nutrition, is a vast power for good. The spark of its action, sets up a molecular change, and acts as a stimulating massage. At the convention of the American Electro therapeutic Association, Dec. 29, 1894, (*The Times and Register*) it was reported, that static electricity causes contraction of the protoplasm, both animal and vegetable, it excites nerve fibres, nerve centres, and nerve cells, to functional action, and to produce their separate effects, motor, sensory, secretory, sympathetic and vaso-motor. These data electric in character, induced me to make further enquiry, by which it was ascertained that many cases of constitutional debility had their origin in the alimentary canal, and that the nervous system participated largely in such abnormal conditions.

In the discussion of Dr. Buzzard's paper (Edinburgh Meeting British Medical Association) on the Selective Action of Toxic Bodies on the Nervous System, the following statement was made: "It seems likely from the clinical symptoms, that whilst at the outset there is profound interference with the nutrition of 'the neurons' over a widely extended area, recovery rapidly occurs, in such as do not suffer change in their nucleus." It is this class of cases particularly, to which I refer, of a purely functional character, and not associated with *insular sclerosis*, or even *multiple neuritis*, both of which conditions are most likely the result of degenerative changes in nerve structure. Constitutional debility, the result of defective intestinal assimilation, protracted in character, is undoubtedly a powerful factor, in the poisoned nervous system, to keep up that condition. The neurons of the nerve centres, although not changed in structure, are in a measure defective as to function. Here, as well as in other neurotic states of the system, the precise condition is not, as yet, defined. However, when by the neurotone treatment, so marked improvement as to function takes place, the inference is, that the electric current, in a measure re-vivified the nerve centres, and their neurons, in direct connection, so as to re-establish the normal distribution of nerve power, in those parts defective in that particular. The following recent observations of E. Müller and Manicattide (March 3rd, 1893, *Deutsche Medicinische Wochenschrift*). "Examined the cells in the central nervous system, of seven infants, under three months of age, who had suffered from gastro-intestinal diseases. In all seven, changes