

Clinical Notes.

Successful Use of Protonuclein in a Case of Extreme Anæmia.

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THE case that forms the subject for this short paper is that of a gentleman aged 54. He is highly educated, and has filled a number of positions of an important educational character. Previously he resided in India for several years. His health has not been good for about two years. During this period he suffered loss of flesh, strength and appetite. In April, 1895, the symptoms became more distressing, when it became necessary for him to give up his work, as private tutor, and rest. He became a patient of mine about the end of September, 1895. At this date he was a pronounced victim to insomnia. His digestion was extremely bad, suffering much pain, and frequent nausea after taking nourishment, either liquid or solid. There was an excessive amount of flatulency. The bowels were very torpid. The pulse was weak, and usually as frequent as 100 per minute. There was always some elevation of temperature, sometimes as high as 102°. Continuous headache was another feature of the case.

The lips and conjunctivæ were almost colorless, and the tongue exceedingly pale. The skin had a pale lemon tint. The red blood corpuscles were only 1,200,000 per cubic millimetre. The urine was normal. No organic disease could be discovered anywhere in the system.

In spite of all efforts at treatment and feeding, he gradually grew worse. I had given his wife a very unfavorable opinion of the case, and advised a consultation.

Dr. J. E. Graham saw the case with me. No other disease could be discovered than that of progressive anæmia. It was agreed at this interview to place him in some hospital for a time. He was admitted into the Toronto Western Hospital on January 7th, 1896. I went with him in the coupé, and really feared he would collapse on the way. When he arrived at the hospital he was in such a state of exhaustion as to be unable to walk upstairs. On being taken into his room he became unconscious, and in this condition he was hurriedly undressed