

reported by Herringham in *Brain*, the family tree, representing five generations, shows that 19 male members were atrophic; the remainder, to the number of forty-six, including all the women of the family, entirely escaped.

An interesting family tree will be found in a paper by Dr. Osler in *Seguin's Archives* for 1881.

The second case did not show such marked symptoms. The wasting and the loss of power began after an illness, which was characterized by pain in the stomach and vomiting. The wasting was very rapid. The patient was a street car driver, and suffered much hardship in the spring from the exposure to cold and wet incidental to his calling. He had been three months ill previously to admission. The right arm and shoulder first became weak, and there were such sensations as pricking, tingling and formication, and the symptoms extended to the forearm and hand. Within two days the left arm and hand became similarly affected. In two weeks the legs became affected, but to a much less degree. There was considerable pain and tenderness on pressure in the calves of the legs and the inner side of the thighs. The upper extremities are much wasted, the lower less so. There is dull pain in the arm and shoulder on both sides and exaggerated tenderness of the muscles of the arm and forearm. The extensors of the fingers and thumb are wasted, but there is no wrist drop. Patellar reflexes are normal. Fibrillar tremors are elicited by percussion over the shoulder muscles.

After a month's residence in hospital there was marked improvement.

*Nov. 5th.*—The progress of this case is such that a diagnosis of progressive muscular atrophy cannot be entertained. Improvement is distinct. Most probably it is a sub-acute poliomyelitis, and the sharpness of the attack at the outset rather favours that view.

*Aortic Aneurism.*—In the case of a man aged 50, a lumberman, there are well-marked evidences of the presence of an aneurysm of the ascending and transverse arch. The patient applied first to Dr. Major, the laryngologist, for the relief of his hoarseness, and was by him referred to me. The left vocal cord was paralysed. An interesting point in the case is the presence, in a very marked degree, of the sign on