

times from great thirst. During January and February he would not go into the country without taking someone with him, as he always seemed to fear that there was something seriously wrong with him.

About February 1, 1895, he first spoke to his wife regarding a numb feeling on the left side of his face, which was especially noticeable when he shaved. He shortly afterwards noticed that the tip of his left thumb felt to him as if it had been burned on a hot stove. This was followed by an extension of the numbness to the left side of his neck, left shoulder, and left arm and forearm. He complained of pain in the arm near the elbow. The numbness then extended downwards until the whole of the left side was affected. During February he suffered from occasional attacks of vomiting.

When he first consulted Dr. Howitt, on March 7, he had a ravenous appetite, which continued until a short time before his death. He complained of the numbness on the left side of his body as already described, as well as of a peculiar feeling, as if the parts were enlarged; his fingers felt as large as his forearm, and the other parts in proportion. This feeling was at first relieved by going into a cold room or by exposure. On this account he often dreaded coming home in the evening. His tongue was enlarged, flabby, and coated, and he complained of a disagreeable sensation after taking food.

On March 27 the patient was referred to me, and I made as careful an examination as was possible in the two hours at my disposal. The patient at first seemed healthy and strong, but on closer examination a certain amount of unsteadiness of gait and more or less hesitation of speech were noticed. He described the onset of the disease as given, but stated that the numbness of the face came on quite suddenly. Although he complained of such marked numbness on the left side of the body general tactile sensation was not present to any marked degree. Sensation to pain and temperature was normal. He said the numbness was much increased by walking. He complained very much of the peculiar swollen feeling already described. The skin reflexes were normal, but the knee jerk was slightly increased on both sides. There was a slight difference greater than normal between the power of the left and right arm and forearm. He leaned a little towards the left side in walking, and had a tendency to fall to the same side. He could neither stand nor walk so well with his eyes closed as when they were open. There was a decided want of co-ordination in the left arm, as shown by attempting to touch the end of his nose with the index finger of his left hand when his eyes were closed. The reactions to the galvanic current were normal. The faradic was not used. No evidence whatever of muscular atrophy. The optic discs were normal, as were also the pupil reflexes, movements of the eyes, and fields of