

Had medical advice, and under treatment improved so much that the affected arm seemed as good as the sound one. On the 30th, whilst bathing his leg, he experienced in the calf a severe cramp which bent the leg upon the thigh; stooping to take hold of it, suddenly his whole body was seized with clonic convulsive movements. Thinks he did not lose consciousness at all. Had two more fits on the 6th October. He had remained at his work up to this time, and came to the hospital on the 8th Oct. On making further inquiries, it was learned that three years ago he contracted syphilis; fifteen months ago had alopecia and severe iritis of both eyes. He has during all this time suffered from pain in the head, sometimes very severe, and always with nocturnal exacerbations. The iritis was actively treated at the ophthalmic clinic. He says that he has been taking medicine of some kind more or less continuously since the trouble began. On admission, there is partial loss of power of right arm and leg, dizziness, a "numb shooting" pain on the left side of the head, deafness and tinnitus in the left ear. He is a strong, well-built man. Face symmetrical, conjunctivæ congested, especially the left. Pupils act well. In walking, the right foot shows a slight want of firmness, but there is no dragging. Grasp of right hand feeble as compared with the left. No optic neuritis or other change in the fundus oculi. Other organs normal.

On the 12th he had three fits, two in the morning and one whilst I was examining him before the clinical class. He suddenly exclaimed "I'm off," and had a very severe epileptic fit. The diagnosis was "cerebral syphilis," probably in the superficial portion of the left hemisphere, and in a stage of active progress. He was therefore ordered to be brought rapidly under the influence of mercury by means of inunction.

The pain in his head soon began to show signs of diminishing in severity. On the 15th, had the aura or premonitory cramp in the right leg, but by having this firmly grasped, the impending fit was averted. On the 17th, at midnight, another severe fit, and this was followed by a succession of four more, at intervals of a few hours until the afternoon of the 18th. There had been very severe pain in the head for a short time before this attack. The same day (17th) the "mouth and gums were sore," and the next day the mercurial ointment was omitted. Sharp salivation continued for the following week. He was (18th)