

His peculiarly motionless, listless, almost mask-like face and his white hair give him an appearance of age beyond his years, not borne out by the condition of his arteries. A year ago he had an epithelioma removed from his lip.

He was engaged in building a fence when he noticed the eye beginning to be affected. This, and the fact that the joints of his hands were stiff, as well as the absence of anything pointing to a central lesion, had caused the diplopia to be considered as due to rheumatic paralysis of the ocular muscles, and treated as such.

An ophthalmoplegia externa, as manifested in the ptosis and diplopia, did not in any way explain the other outstanding symptoms—the peculiar weakness of the muscles of the neck, jaws and arms, then recovery of power after a rest, and their speedy weakening when again set in action—and a tentative diagnosis of myasthenia gravis was made.

He was told to wear a ground glass over the left eye to relieve the dizziness produced by the diplopia.

On July 12th Dr. Mulligan wrote that on the least exertion there was a trembling of the muscles, some thickness of speech at times, and great complaint of his jaw becoming tired when eating, but the wearing of the ground glass had relieved his diplopia.

(As he made no progress toward recovery, he consulted a Chicago neurologist, who diagnosed bulbar paralysis, and told him that he would not recover.)

Toward the end of August he was seen by Dr. Hugh A. McCallum, of London, who writes me: "The muscles of mastication tired out in chewing a piece of meat, so much so that he was unable to move his jaws for a time. They would recover and be as powerful again for a few bites as in the days of his health. his hand-grasp at first was normal, but after grasping for four or five times he lost power in the hand and arm entirely." "Some weeks before I saw him, on attempting to pitch some hay he was suddenly seized with paralysis of the muscles of respiration, and for some few moments it seemed as if his condition would terminate fatally." "Indeed, the muscles of the eye, face, mastication and larynx and many of the voluntary muscles of the limbs were involved. There were marked remissions of the symptoms."

I next saw him on January 11th, 1906, when he had improved greatly, the only symptom persisting being occasional weakness in holding his head up. He told me that after leaving my office on the occasion of his first visit, his knees gave way, and he sank down, so that the myasthenia seems to have attacked the muscles of the extremity. For some time thereafter, he says, he had difficulty in breathing, in swallowing and in talking. After resting he had less trouble in these things, but speedily tired out. He says that after taking one bite he felt played out, and would have