

became delirious, and the same day his wife observed that his left hand was decidedly weak. The next day there was dragging of the left leg. There has been no vomiting at any time.

On admission, free purulent discharge from right ear; mastoid process and neighborhood normal; no oedema or hardness. Constant talkative, wandering delirium, alternating with intervals of half stupidity. Pupils equal, medium size, acting with light; both eyes strongly directed to the left side. Left hemiplegia, and a slight impairment of power in closing the left eyelids. Fever of 102° F.; pulse 96. Urine contains no albumen or sugar. *Diagnosis*—Acute purulent meningitis by extension from the ear. *Prognosis*—Probably fatal. *Treatment*—Two leeches in front of the ear; ice-bag to the head; and calomel gr. ss every four hours. The next day Ung. Hydrarg. rubbed into the groins.

On the 18th there was a soporose condition, with unequal pupils (the right dilated); noisy breathing; a very rapid pulse, and the patient died insensible at 3 a.m., 19th January, being the fourth day from the apparent onset of the head-symptoms.

The *autopsy* showed extensive inflammation of the meninges, lymph and pus being abundantly found both at the base and over great part of the convexities. This need hardly be described in detail. The greatest interest centered in the demonstration of the track through which the pus had reached the brain. This part of the examination was very kindly undertaken by Dr. F. Buller, Oculist and Aurist to the Hospital, from whom I have obtained the following report, after a most minute investigation of all the parts concerned:—

The temporal bone, including the eustachian tube, was removed in the usual way, and examined the same day. The external auditory canal presented nothing abnormal. The membrana tympani was of a dull yellowish color, somewhat retracted, and traversed by numerous blood-vessels visible to the naked eye. There was no perforation discoverable. The mucous membrane about the orifice of the eustachian tube was somewhat swollen, and of a dusky hue; the tube orifice was filled with a yellowish tenacious mucus.