

The present illness began several months before the time of examination with a rather indefinite change in the manner and disposition noticed by his fellow workmen. Upon returning home from his work as usual one day, his wife noticed that he acted what appeared to her as rather silly and childish and upon being asked what was wrong, replied: "Durned if I know," and upon attempting to eat, seemed unable to masticate the food well and also to swallow it. He became emotional, excitable, irritable, disoriented and confused to the extent of necessitating his committal to the insane hospital. Examination showed him to be well nourished, of powerful physique, inattentive to and non-observant of his surroundings. Facial expression flabby, being more marked on the right side—tongue, lips and hands were tremulous, speech thick, tremulous and drawling, leaving out syllables and words,—saliva dribbled from the mouth and there were frequent ineffectual attempts at spitting. Movements in general were inco-ordinate and ataxic, gait was waddling and apparently weak, the weakness becoming more marked on exercise,—the feet dragging, due, apparently, to an inability to lift them; the knee-jerks were exaggerated greatly, Rhomberg's phenomenon was marked, ankle clonus was marked, Babinski's reaction prominent, all more marked on the left side. Both optic disks were considerably reddened. In spite of anti-syphilitic treatment, both dementia and paresis progressed rapidly. Finally the organic musculature became involved and the case terminated fatally in about three months.

Autopsy disclosed a localized meningitis and gumma formation, irregular in outline, about ten C. M. in length by five C. M. in breadth and nearly one C. M. in thickness over the anterior, external part of the left frontal convolution, a similar mass over the inferior part of the right Rolandic area and the third gummatous mass in the substance of the left optic thalamus.

Case IV. Female. Age 40. Previous health was reported good, and a history of specific infection could not be obtained. In August, 1906, upon arising from bed one morning, she was suddenly seized with what appeared to