

believe that cases of general paralysis are more frequent in England than they used to be, and I suspect that smoking tobacco is one of the causes of that increase.

But I must not detain you any longer from the immediate subject of this clinique. The two cases now in the hospital that I am about to relate, from the notes of my dresser, Mr. Sprukeling, are both cases of spinal paralysis, the one induced by the pressure of an angular curvature of the dorsal portion of the vertebral canal, the other by a blow on the lumbar portion.

William W—, aged thirty-two, compositor, was admitted into Abraham's ward on the 17th of June, 1856. He is an unhealthy, strumous looking man, who states that he never noticed any projection or curvature of the spine till six months ago, but since that time has noticed it gradually coming on. (Let me here remark that this angular curvature is almost always a strumous disease, commencing in the cancellated structure of the bodies of the vertebræ. If you look at this preparation, you will see exactly how it occurs. The body of one or more of the vertebræ being absorbed, the bones above and below fall forward, so as to meet and supply the vacancy. If it were not for this arrangement, our patient's life would not be worth an hour's purchase; for the beautiful protective apparatus of the spinal cord being deficient, its delicate and soft substance would be torn in the first movement that was made. Instead of being slightly pressed, as at present, it would be divided. The angle of the back is a good proof that the column is not separated in front.) About six weeks ago, he first began to be sensible of some alteration of temperature in the lower limbs, with numbness and occasional twitchings and rigidity of them. He then began to lose power in them, and for the last three weeks they have been totally paralysed. At present, there appears to be an angular curvature of the spine in the dorsal region; he seems to have lost the use of the lower extremities entirely, but, with the exception of the feet there is no very perceptible coldness; he has, however, lost almost entirely the sensibility of them. There are occasional spasmodic twitchings and startings of the limbs, but there does not appear to be any tightness over the chest, or dyspnœa. The bowels are costive, but he has not lost control of the sphincters. He has, at times, some difficulty in micturating, with frequent desire to do so, but inability properly to empty his bladder. There appears at present considerable tympanitis, but no great distension of the bladder. His appetite is deficient; urine clear and unsedimentous; pulse 92, of considerable power; tongue clean. Ordered mercury with chalk, two grains every night. A moxa on each side of the spine. (Believing that the cause of the paralysis in this case is the pressure caused by effusion into the canal at the seat of the angular curvature, I have ordered those remedies which I think are more likely to promote the absorption of the offending matter.) He has never injured the spine from a blow or a fall.

June 25th.—States that he has felt some tingling in the toes and feet, but there is no increase of sensibility in the paralysed limbs. He is