

was quite ataxic, could not stand with his eyes closed. Patellar reflex absent; complained severely of the feeling of girdle pains; some loss of power over the sphincters and diminished cutaneous sensibility in the legs. He continued in very much the same condition, but with a gradual failure of co-ordination until July, 1883, when one day after using a saw in such a manner that his right leg was put into a swinging motion over the edge of a box, the under surface of the thigh coming in contact with the box, he noticed immediately afterwards his knee very much swollen, and during the day the leg, foot and toes were involved in the swelling. There was a slight purple discolouration on the under surface of the thigh. My attention was called to it about ten days later; there having been no pain about it from the first, it had been looked upon as a simple sprain. I found the knee and leg as far as the ankle much swollen, the joint full of fluid and crackling on pressure. It had the appearance of a joint undergoing rapid disorganization. His present condition one year since the knee was first affected will be seen by the appearance of these photographs. The joint is enlarged; the lower end of the femur appearing to be much enlarged. There are no apparent bony outgrowths. Both bones of the leg are dislocated outwards, though they can be readily replaced, and in doing so give rise to a sound as if the ends of the bones were quite worn away. There is no fluid in the joint, no crackling feeling present. The veins are much enlarged over the knee. Both legs are much wasted; patellar and plantar reflexes absent; cutaneous sensation entirely absent in the feet, legs, and lower half of the trunk. He can support part of his weight on the diseased knee, but is afraid to do so; consequently he does not attempt to walk, but gets about comfortably in a wheeled chair. Appetite good. Digestion sometimes at fault, but generally fair. Sexual power lost during the last twelve months. The sphincters are weakened. At times he can control his bowels and bladder; at other times he finds it impossible to do so. Has never had gastric crises, and never felt any pain in the affected knee. Girdle pains have disappeared. In reference to the loss of sensation, it is curious to