

between heat and cold poor in lower limbs. A hot tube passed along the spine caused considerable pain at level of tenth dorsal vertebra. Herpes zoster on left side in fourth intercostal space. Urine had to be drawn off. Knee-jerk present, plantar reflexes present. November 11th.—No knee-jerk, no plantar reflexes, sensation very slight. November 15th.—Bed-sores forming on left tuber ischii and on left heel; loss of knee-jerk; loss of plantar reflex; complete loss of sensation in lower extremities; urine dribbles away: rectal sphincter good; abdomen distended and tympanitic; legs flaccid and muscles very flabby, but no marked atrophy; feet cold; culture from blood negative; continued as above until death on December 7th; anal sphincter always under control; loss of sensation extended up to three inches below umbilicus.

Post Mortem.—Bed-sores over sacral prominence, left ischial tuberosity and on left heel; largest sore over sacral prominence, $2\frac{1}{2} \times 2\frac{1}{2}$ inches; body darker in color below level of tenth dorsal vertebra. Heart: 11 oz.; brown atrophy of muscle; coronaries tortuous and thickened; edges of aortic valves slightly calcareous, but the other valves normal; blood dark in color and clotted. Lungs and pleura: old adhesions at right apex, no fluid in right pleural cavity, 12 oz. in left cavity, adhesions: edema and hypostatic congestion of lower lobes; emphysema of upper lobes; left lung 30 oz., right lung 20 oz. Kidneys: capsules non-adherent, relation of cortex to medulla reduced; numerous small cysts in both kidneys. Stomach: atrophied and thickened; small intestine normal; large intestine distended. Brain and membranes: brain weighed $41\frac{1}{2}$ oz.; membranes adherent to skull; vessels congested; no softening. Spinal cord: commencing at the level of the tenth dorsal vertebra the dura was strongly adherent to the spinal canal for three inches down the cord. At the level of the eleventh dorsal vertebra there was a small tumor attached to the dura and surrounding a nerve trunk. The growth was $\frac{1}{2}$ inch in length, hard, and projected into the canal, compressing the cord. There were also some small nodules on the dura adherent to the right side of the canal at the level of the twelfth dorsal vertebra.

Microscopic examination of the tumor: Composed of fibrous tissue and nerves bundles, the fibrous tissue forming the greater bulk of the mass. The cord was constricted opposite to tumor, and microscopic examination showed degeneration of the central grey matter and also of the white matter.