

Post-mortem, 30 hours after death. Face, neck, and skin of thorax intensely livid. Tissues beneath the skin of anterior part of trunk and about the root of the neck emphysematous. Scrotum much swollen. Legs œdematous.

Brain.—Sinuses of dura mater and veins of the pia mater full. Arteries at the base not diseased. Nothing abnormal in the brain substance.

Heart weighs 610 grms. ($21\frac{1}{2}$ oz.) Right chambers distended with dark clots and fluid blood; the venæ cavæ are also dilated and full, much blood escaping from them in the removal of the organ. Right auricle is very large, size of a small orange; walls of about the usual thickness. Right ventricle dilated, anterior wall measures $\frac{1}{4}$ " in thickness; columnæ carneæ are not hypertrophied. Tricuspid orifice $5\frac{7}{8}$ " in circumference; valves healthy. Pulmonary valves normal; circumference of orifice 3". Left ventricle contains some fluid blood, and a small partially decolourized clot in the mitral orifice. The chamber is much dilated, measuring $4\frac{1}{2}$ " from apex to aortic ring, and bulges considerably towards the right ventricle. Endocardium thick and opaque, especially over the septum. Musculi papillares fibroid at apices; walls over middle of anterior part $\frac{7}{8}$ " in thickness; posterior wall $\frac{1}{2}$ "; ventricular septum, a quarter of an inch below aortic valve, $\frac{3}{8}$ ". Mitral valves slightly thickened at the edges, otherwise healthy. Orifice measures $4\frac{1}{2}$ " in circumference. Aortic valves competent, segments thin and natural-looking; orifice at the ring measures $2\frac{3}{4}$ " in circumference. Aorta looks—relatively—smaller than natural. It is not atheromatous, either in the arch or in its course. Muscular substance of whole heart, and especially the left ventricle, looks pale, and on examination is found in a condition of advanced fatty degeneration; a good deal of fatty infiltration also exists between the individual fibres.

Arteries of the body do not present any signs of degeneration.

Lungs 3xvi of serum in left pleura, and the lung on this side is collapsed and only slightly crepitant above. Two very large spots of apoplexy in the anterior part of upper lobe, and