

40 ; temperature left axilla,  $100\cdot5^{\circ}$  ; right  $97\cdot5^{\circ}$ . Pupils contracted, equal. 12.30 p.m.—Temp. right parietal region  $94\cdot6^{\circ}$  ; left,  $95\cdot4^{\circ}$ . Is comatose and becoming livid. Sank gradually, and died at 6.40 p.m.

*Autopsy*—16 hours after death.

Body well nourished ; right arm and leg much more rigid than limbs of other side.

On opening abdomen, nothing special observed. In thorax heart occupies a large area ; no fluid in pleuræ. On visceral layer of pericardium, about right auricle, a few roughened spots.

*Heart*—Right auricle full of dark clots ; those in appendix buff-colored and moderately firm. Cavity greatly enlarged ; walls thick. Right ventricle chamber  $12\cdot5$  cm. in length ; walls 5–7 m. in thickness. Tricuspid orifice 16 cm. in circumference ; valves normal. Pulmonary valves healthy. Left auricle large ; endocardium opaque ; walls hypertrophied. Mitral orifice, situated at the bottom of a cone-shaped depression, forms a slit-like opening 13 m. in width, into which the tip of the little finger can be inserted ; auricular surface of opening is smooth. Left ventricle moderately hypertrophied ; chamber measures 9 cm. in length ; walls 10–15 m in thickness. From this cavity the mitral orifice presents thick indurated, but smooth, lips ; chordæ tendineæ of anterior segment very short and stiff, the apex of the papillary muscle being almost in contact with the valve. Those of the posterior muscle are longer and more natural-looking. Aortic semi-lunar valves a little stiff, and present some vegetations on ventricular face. Weight of organ 430 grams.

*Lungs* present numerous patches of hæmorrhagic infarction. One, size of an orange, occupies lower lobe of right lung, two smaller ones in same lobe, and four in the upper one. In left, one large one occupied greater part of apex, and two smaller ones exist in lower lobe.

*Spleen* enlarged and firm ; no infarctions. Three small supplementary organs.

*Kidneys* of normal size ; tissue firm ; veins of the cortex full.