

few bluish patches of skin surrounded by ecchymoses. The gums along the whole of the upper and lower jaws on both sides are swollen, sodden and of a dull, livid, grey colour, looking microbic in places.

*Head.*—Dura and skull normal. Veins of pia moderately filled. Brain normal.

*Thorax.*—No fluid in pleura or pericardium. Beneath epicardium are numerous small ecchymoses, most abundant along posterior border of right ventricle.

Right heart contains 4 oz. of fluid blood, which appears to have a somewhat brownish tinge, but which changes to bright red on standing in the air. Heart muscle pale, mitral valves a little thick, other valves normal. No ecchymosis of endocardium.

Left lung (330 grm.) shows a few sub-pleural ecchymoses, most numerous posteriorly. Bronchi normal. Pulmonary artery normal. Lung substance somewhat congested, but crepitant throughout. Right lung (410 grm.) crepitant, but much congested and cedematous. Bronchi contain whitish froth.

Larynx and trachea show nothing special.

Tongue shows sordes on surface, but is free from inflammation or ulceration. Sub-maxillary glands not noticeably swollen on section, but a little cedematous. No signs of phlegmon or thrombosis about the pharynx or in the cervical veins.

On the left side of the lower jaw is a ragged gangrenous looking ulceration extending back, but not apparently involving the cheek. The entire extent of the gums of both upper and lower jaws appears to be swollen, soft and of a dull grey colour. There does not appear to be any swelling or infiltration of the glands in the retro-pharyngeal or parotid regions.

Owing to restrictions placed upon the autopsy a dissection of the jaw bones and palate was not possible. As far as could be ascertained no thrombosis of the larger veins had occurred.

Œsophagus normal. Stomach contains reddish mucus. The mucosa about pylorus shows small elevations capped with hæmorrhages. Duodenum normal.

Small intestine normal. The cæcum and the ascending colon show very marked ecchymotic areas, each of which is capped by a small hæmorrhagic slough; these sloughs are all adherent. Rectum normal.

*Kidneys.*—Right weighs 200 grms. and left 220 grms., both much enlarged and look about double normal size. Capsules readily removed. On section cortex looks opaque and greyish and columns of Bertini very wide. No evidence of ecchymosis or hæmorrhagic in-