

while fresh blood-stained fluid to the amount of 30 c. c. was found in the pericardium.

The vessels on the surface of the heart were injected with air, giving the ventricle a peculiar glistening appearance. There appeared to be some interstitial emphysema as well. The right auricle especially was distended with gas. The right ventricle was flabby and somewhat dilated. The left ventricular muscle showed areas of necrosis and subendocardial hæmorrhages were observed. The aorta was small and relatively thin. The valves were normal while the great vessels showed mixed clots which were frothy.

The lungs presented sub-pleural ecchymoses, both recent and old with several interstitial hæmorrhages. The vessels of the lungs contain air mixed with blood.

But little gas escaped on opening the abdomen. The intestines were greatly distended with gas. The mesentery of the lower part of the ileum contained a hæmorrhagic area. In the gastric mucosa numerous hæmorrhages were seen while the contents of the stomach were bile- and blood-stained.

The duodenum was intensely injected and the rugæ swollen, the remaining portion of the small intestine presenting an appearance much the same. Peyer's patches showed no changes.

In the lower part of the ileum a few patches of congestion were seen with one large area about 7 c. m. long covered by a false membrane with ecchymoses both within and about it. This area corresponds to the area of ecchymosis noticed on the peritoneal surface in the mesentery, as above described.

The cæcum and transverse colon were greatly congested. In this part as well as in the rest of the colon were extensive submucous ecchymoses. The contents of this viscus were blood-stained and of the consistence of porridge. The rectum presented submucous hæmorrhages.

The liver floated easily in water; it was friable in places, emphysematous and somewhat spongy at parts. The surface was smooth except where air bullæ were plainly visible. The gall-bladder contained thick black bile.

The spleen was small, dry and flabby. Air was seen within the vessels and it floated just beneath the water surface. The pancreas was congested though not visibly hæmorrhagic.

The suprarenals were of fair size with softened medulla.

The left kidney sank slowly in water. Its parenchyma was somewhat degenerated. There were a few sub-capsular ecchymoses. The right kidney floated. In this organ more degeneration was seen and