

hospital, the pulse ranged between 90 and 110, and the respiration between 25 and 35 per minute. The temperature from  $97^{\circ}$  to  $98\frac{2}{5}^{\circ}$ .

The patient died suddenly on the 22nd.

#### PATHOLOGICAL REPORT, BY DR. J. A. MACPHAIL.

The throat was opened, and all the contents removed, together with the tongue and trachea. The relation of the parts was confused till a careful dissection was made. An aneurismal tumor was found extending from its site upon the ascending arch of the aorta to the right chest wall, and having eroded the ribs it appeared beneath the mammary glands externally.

1. The site of the aneurism was upon the ascending arch, commencing just above the aortic valves, and reaching nearly to the origin of the innominate artery. The tumor itself measured six inches in diameter.

2. The opening in the chest wall was nearly circular, and measured three inches in diameter. The ribs involved were the third and fourth, a part of the second and fourth.

3. The tumor rose above the chest walls as a gently rounded mass to the height of an inch, its centre being below the middle of the mammary gland.

4. Adhesions to the edge of the bony opening were complete and firm, and the lungs were adhered in places.

5. The mammary gland and the subcutaneous tissues of the chest were much infiltrated with the transuded fluid.

6. The sac was thin but ruptured in no place, and was filled for the most part with dark clot, which in no place was well organized. The remainder of the cavity contained fluid blood.

7. The aortic valves were not excessively damaged, though there were a few vegetations, and the cusps thickened and curled at the edges. The mitral valves were thick and the muscles powerful. The heart was hypertrophied though not to a high degree. The aorta was markedly atheromatous.

8. The orifice of the innominate artery was dragged into the form of a slit, the left carotid and subclavian arteries were much less deformed.

9. The bend of the recurrent laryngeal nerve was displaced downward at least two inches.