

stools. At 3.55 this afternoon she had a rigor, the temperature rising to  $104\frac{4}{5}^{\circ}$ , lasting for five minutes, and followed by profuse sweating.

March 30. There was a slight rigor at midnight, severe headache, and followed by profuse sweating. the temperature rose to  $104\frac{1}{5}^{\circ}$ , and the pulse to 144 at 4 a.m.; ten minutes later the temperature fell to 102. She slept badly, had a dry cough, and the diarrhoea continues, being somewhat controlled by starch and opium enemata. A pleuritic to and fro friction is present at the right base; otherwise the physical signs in the chest are unchanged. The splenic dulness reaches the costal border, but the organ is not palpable.

April 2. Two rigors occurred yesterday, the rectal temperatures reaching  $105\frac{3}{5}^{\circ}$  to  $106\frac{1}{5}^{\circ}$ . Following and preceding the rigors the temperature fell to normal. During the high temperature, the pulse became very weak and rapid, 160 to 168, and the respiration very labored, increasing from 24 to 28 up to 40 or 44.

The lungs as before, and the heart, which has been carefully examined daily, presents no murmur.

April 3. Dr. Gardner examined the fundi and reports them normal. A culture from the blood shows diplococci and staphylococci. Prostration is very marked, the 2nd sound is feeble, the first accentuated. The pulse varies with the temperature from 104 to 170, and once fell to 80. The temperature is remitting, rising from  $103\frac{1}{2}^{\circ}$  to  $106^{\circ}$  in the latter part of the day, and falling as low as  $99\frac{3}{5}^{\circ}$  in the morning. The last rigor, there being five altogether, took place on the 3rd. A dry cough without expectoration continues, and there are from three to four stools daily.

April 8. Lies propped up in bed owing to dyspnoea. Complains of severe pain at back of left knee; nothing made out objectively.

April 13. Breath extremely offensive for some days. Examination by Dr. Birkett shows atrophic catarrh and ozaena.

April 16. Prostration during last few days has become extreme. Temperature  $105^{\circ}$  to  $106^{\circ}$  in the afternoon without rigors, the minimum temperatures being  $102^{\circ}$  to  $103^{\circ}$ . Yesterday and to-day temperature  $105^{\circ}$  to  $106^{\circ}$ . The pulse rapid, 124 to 170, and weak. The mind has been clear throughout. The lungs when examined yesterday still showed the same evidence of consolidation. The heart, which has been daily examined, has been normal. Diarrhoea, 3 or 4 stools daily.

Death took place at 2 a.m. on the 17th April, the temperature rising before death to  $108^{\circ}$ .

Autopsy by Dr. Wyatt Johnston, showed a very unusual condition of the heart, there being acute endocarditis confined to the tricuspid valve. This valve was covered with polypoid vegetations as large