

become involved in an inflammatory process by the direct extension of the disease from the aortic valves upon the surface of the aorta. This mode has been suggested for a number of cases of acute mycotic aneurysm, in which acute valvular disease was present in the heart. This primary invasion of the lining membrane of the aorta was suggested by the continuous layer of exudate from the involved aortic valve to the aneurysm. In not a few cases, however, as well as our own, there was a strip of healthy aorta lying between the valvular disease and the aortic aneurysm. From the presence of the great damage in the external zone of the aorta, as well as the constant finding of inflammatory foci of lesser degree in the outer part of this vessel, we feel convinced that these aneurysms have their beginning in the progressive destruction in the outer portion of the arterial wall.

In conclusion, it is important that greater attention be given to the various types of acute aneurysms and their relations to acute rheumatic fever; and, further, that the almost constant presence of some inflammatory reaction in the ascending limb of the aorta be recognised as an associated condition in this disease.

REFERENCES.

1. BARIÉ *Journ. de méd. interne*, 1905, tome ix. p. 3;
Presse méd., Paris, 1905, p. 186.
2. BESSON "Thèse de Lyon," 1900.
3. BOINET "Traité de médecine de thérapeutique," 1899.
4. CHIARI *Verhandl. d.d. Path. Gesellsch.*, 1903, S. 137.
5. CONTI *Rev. crit. di clin. méd.*, 1905, tome vi. p. 585.
6. EPPINGER *Arch. f. klin. Chir.*, Berlin, 1887, Bd. xxxv.
(suppl.) S. 1.
7. FERNET "Thèse de Paris," 1865.
8. FOAJOLE *Gaz. d. Hôpît.*, Paris, 1866, tome iv. p. 421.
9. FEYTAUD "Thèse de Paris," 1906.
10. FUKUSHI *Virchow's Archiv*, 1913, Bd. cexi. S. 331.
11. GÉNEAU DE MUSSY *Arch. gen. de. méd.*, Paris, 1892, tome ii.
pp. 129-292.
12. HANOT *Presse méd.*, Paris, 1896, tome i. p. 649.
13. KLOTZ *Trans. Assoc. Amer. Physicians*, 1912, vol.
xxvii. p. 181.
14. KOESTER *Ber. klin. Wchnschr.*, 1876, Bd. xiii. S. 454.
15. LÉCORCHÉ "Thèse d'agréations de Paris," 1869.
16. LEGER "Thèse de Paris," 1877.
17. LEGROUX *Semaine méd.*, Paris, 1884, p. 425.
18. LEMAIRE "Thèse de Paris," 1864.
19. LEMOINE "Thèse de Paris," 1869.
20. MARMORSTEIN *Rev. de méd.*, Paris, 1908, tome xxviii.
p. 267.
21. McCRAE *Journ. Path. and Bacteriol.*, Cambridge, 1905,
vol. x. p. 373.
22. OSLER Allbutt's "System of Medicine," 1909, vol. vi.
p. 620.
23. RABÉ *Presse méd.*, Paris, 1902, tome ii. p. 927.