

in bed. During this period she was without medicine, and permitted a fairly full diet.

She came to Nauheim in 1907 in a very weak and anemic condition, and improved markedly under the baths. I saw her very shortly after her arrival in May, 1908, and before she had taken any baths, and several days later made a re-examination, and found an increased arterial volume (after three baths the pulse was much fuller); a marked diminution of dulness over the cardiac area and the apex beat less diffused.

As Professor McGregor Robertson, of Glasgow, had the case under his observation, I wrote to him, and received a courteous reply in which he mentioned that the patient had suffered from acute rheumatism, and had also had a pleurisy with effusion. "The mitral valve was seriously involved and the regurgitant murmur loud and harsh. Dilation of the left ventricle ensued owing to compensation failing to be established, and the dilatation passed backwards to the left auricle and slightly affected the right ventricle. It was the serious threat of cardiac failure which these things portended that caused me to urge her parents, at whatever sacrifice, to take her to Nauheim.

"My experience goes back now for fifteen years, and I felt quite certain as to the nature of the result that would be obtained—the tone of the cardiac muscle has been restored, the dilatation has been largely, if not wholly, reduced, and compensation has been established.

"It is too large a question to discuss in a letter to what extent valvular changes can be repaired, but I myself have had no doubt for many years that the old view that valves once damaged can not be repaired to any degree is erroneous."

*Case No. 8.*—Influenza. Dilated heart. Dr. T., aged 56. Had been in military service and was Col. Surgeon.

In December, 1906, had a severe influenza, and after the fever subsided the pulse was intermittent every seven beats. He said the doctor came and put on a long face, and told him that all the valves were leaking, and the heart was dilated. He was kept in bed for three weeks. Then he consulted Sir T. Barlow, who sent him to the Isle of Wight, where improvement took place. After this he went to the South of France, Mentone and Nice, where, during the month of March, he suffered from a great mental depression, returned to England and spent six weeks at Brighton, then consulted Dr. Bensley Thorne, who advised Nauheim. He found the heart enlarged, the apex beat two inches outside the nipple line, and the heart sounds hard to