

and the lower one drops low, but can be brought up into contact with the upper one; the tongue is moderately thickened. He has all but six of his permanent teeth, but some of them are barely through the gums and all are poorly developed; he has still a few of his temporary incisor teeth. The hair is scanty and coarse; there are a few hairs on the pubes; he has no beard. The circulation is poor. The mucous membrane of the mouth is dark and turgid. No thyroid gland can be felt; the appetite is fair and the bowels regular. He is intelligent, understands what is said to him and answers well, but the voice is harsh and guttural and articulation indistinct. He remembers circumstances that have occurred, but cannot acquire abstract knowledge. He is unable to learn to read.



FIG. 5.



FIG. 6.

4. 2, Lilly T., aged seventeen years, sister of William T. (Fig. 4). Height 2 feet 8 inches, circumference of head  $20\frac{3}{4}$  inches, anterior fontanelle slightly open, chest 26 inches, abdomen 28 inches. Similar kyphosis to that of the brother, but less marked. She is able to walk about unassisted. The tongue is larger, though not protruded, and the lips thicker than in the brother's case. Her condition is similar but more marked in other respects. She still has many of the temporary teeth. There is a cyst 2 inches in diameter of the right lobe of the thyroid and the left lobe is firm as if fibrosed. The bowels require an enema daily.

The parents of the two are first cousins. The mother is healthy, but not robust; the father is strong. One sister, well developed, died at the age of eighteen of pulmonary tuberculosis.