

**Case of Acromegalic Gigantism.**

By ROBERT MILNE, M.D.

MALE, aged 19, admitted to Dr. Barnardo's Homes ten years ago. His father was 6 ft. 2 in. in height, his mother 5 ft. 8 in. He has one brother 6 ft. 3 in. high, another 6 ft. 11 in., a third 5 ft. 8 in., whilst one sister is 6 ft. 3 in., and a second, a girl aged 13, is 5 ft. 5 in. high and weighs 140 lb. When aged 9 patient was a little under the average height and weight, but otherwise was quite normal. In March, 1899, he was emigrated to Canada, and did well at first, but grew thin. In June, 1902 (aged 13), he began to grow very rapidly, and suffered from pains in the legs and back, with a feeling of general weakness and difficulty in breathing on exertion. In 1904 he was deported to this country, and has since been under observation in the Homes. In March, 1905, he was 6 ft. high; in July, 1906, 6 ft. 4 in.; in May, 1908, 6 ft 8 in.; in November, 1909, 6 ft. 11 in. His hands have increased out of proportion to the rest of the trunk, measuring now  $9\frac{3}{4}$  in. in length; his foot is now  $12\frac{1}{2}$  in. long. His mental powers are above the average, and his character is good. He is sociable, full of fun, and a good draught-player. The internal organs are normal, except that the heart is not very strong. In June, 1908, he underwent an operation for genu valgum of the left leg, which was abducted from the right to an angle of  $30^\circ$ . Spinal anæsthesia was employed on account of the cardiac weakness. The ligaments of the knee have become so relaxed that a leather splint with steel support is employed, and in this he can walk well. His field of vision is normal, and he has no headache; the thyroid body is not enlarged. He has been treated with thyroid and pituitary extracts. A skiagram of the head shows evidence of enlargement of the pituitary body.

**Two Cases of Achondroplasia.**

By ROBERT MILNE, M.D.

A WOMAN, aged 22, and a boy, aged 15, not related, are both typical cases of achondroplasia. In both the vault of the cranium is abnormally large, and there is the typical depression at the root