

Spontaneous growth of 83 Chilean girls with Turner's syndrome Síndrome de Turner: Crecimiento y descripción clínica en 83 niñas chilenas

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Background: Short stature is the main feature of patients with Turner's syndrome. There is limited information regarding the spontaneous growth of these patients in Chile. **Aim:** To develop a specific growth chart for Chilean patients with Turner's syndrome. **Material and methods:** We retrospectively analyzed 668 height measurements from 85 Chilean girls, born after 1968, with 45XO karyotype (minimum 15%), and without an Y chromosome fragment. Patients with hormonal therapy, such as growth hormone or estrogen, except thyroid hormone replacement, were excluded. **Results:** The karyotypes were 60% 45XO, 25% 45XO, 46XX, and 15% other complex mosaics. The birth length was 46.8 ± 2.1 cm. The final height of our patients was $138,20 \pm 7,0$ cm. **Conclusions:** The final height achieved by our patients, is similar to Argentinian and Japanese patients, but is below the mean stature reported for Scandinavian and Northamerican patients who achieve a mean adult height of approximately 147, and 142 cm respecti