



SLEP SUMMER SCHOOL 2020

Fellow 4. Sebastián Castro

A 15^{5/12} year-old boy consulted for short stature and absence of pubertal development. His father referred a normal transition across puberty and his mother's age of menarche was 11-year-old; both were healthy, and they had another healthy 12-year-old boy. Mid parental height (MPH) was 166 cm.

When he was 15^{5/12} year-old his weight and height were at -2,4 SDS and -2,9 SDS respectively and he was prepubertal (Tanner stage 1). He referred a normal sense of smell and a marked psychosocial repercussion. The laboratory routine, thyroid function and IGF-1 serum levels were normal, and celiac disease was ruled out. The gonadal function revealed low gonadotropins and testosterone serum levels for age (LH < 0,1 U/L; FSH 0,26 U/L; Testosterone 17 ng/dl and low AMH serum concentration for the pubertal stage (234 pmol/L. RV: 450-1100). Bone age was 13 years.