



Supplementary Figure S1 Enrollment and outcomes. Data are *n* (%). TV, testicular volume; CDGP, constitutional delay of growth and puberty; PHH, permanent hypogonadotropic hypogonadism; FHH, functional hypogonadotropic hypogonadism; Hyper H, hypergonadotropic hypogonadism. International Classification of Diseases (ICD)-10 codes: E28, E28.3, E28.8, E28.9, E29, E29.0, E29.1, E29.8, E29.9, E30.00, E30.09, E30.8 and E30.9.