

Table 1. Bone mineral density, body composition and lipid profile in adults with growth hormone deficiency

Study	No of patients	Body composition	Bone mineral density	Total Cholesterol	TG	LDL-C	HDL-C
Bing-You et al ⁷⁸	14	NA	Total body 8% decrease	NA	NA	NA	NA
Holmes et al ⁷⁹	26	NA	Changes in z score: lumbar spine, -0.76; femoral neck -0.38	NA	NA	NA	NA
Attanasio et al ⁷²	106	2.4-kg ncrease in fat mass in men, 3.3-kg increase in fat mass in women	NA	NA	NA	NA	NA
Rutherford et al ⁸¹	11	18–22% increase in fat mass 1 yr after discontinuation of GH therapy	NA	NA	NA	NA	NA
Markussis et al ⁴¹	34	NA	NA	19% increase	NA	23% increase	No change
Kaufman et al ¹¹	30	NA	Total BMD decreased	NA	NA	NA	NA
De Boer et al ²⁵	64	NA	NA	Increased	No change	Increased	No change
Drake WM et al ²⁴	13	NA	Increased in men preserved in women after 5yr of GH replacement	NA	NA	NA	NA

NA denotes not assessed.