

Table 2. Effects of growth hormone replacement therapy on body composition and lipid profile in adults with growth hormone deficiency

Study	Number of patients	Duration of Therapy	Lean Body Mass	Adipose mass	Total Clolesterol	LDL-C	HDL-C	TG	Lp(a)
Whitehead ⁶	14	6 mo	7% ↑	10% ↓	no change	no change	no change	no change	NA
Cuneo ²⁶	24	6 mo	-	-	12% ↓	24% ↓	no change	24% ↓	NA
Attanasio ⁸⁰	AO 52 CO 32	6 mo	AO:3.5kg ↑ CO:3.7kg ↑	AO:4.9% ↓ CO:5.5% ↓	AO:8% ↓ CO:5% ↓	AO:11% ↓ CO:5% ↓	AO:23% ↑ CO:12% ↑	NA	NA
Bengtsson ⁷	9	6.5 mo	3.9kg ↑	6 kg ↓	no change	NA	NA	no change	NA
Salomon ⁵³	11	6 mo	5.5 kg ↑	5.7 kg ↓	12% ↓	NA	NA	no change	NA
Baum ⁵	16	1.5 yr	4% ↑	11% ↓	NA	NA	NA	NA	NA
Eden ²⁸	9	6 wk	NA	NA	↓	↓	↑	no change	↑
		26wk			no change	no change	↑	no change	↑
Rosen ⁸²	25	1 yr	4% ↑	8% ↓	no change	NA	12% ↑	no change	NA
Weaver ⁸³	22	1yr	NA	1.8 kg ↓	↓	NA	NA	no change	↑

NA denotes not assessed, AO: Adult onset, CO: Childhood onset.