

Height Multiplier

Age	Boys	Girls
0	3.535	3.290
1	2.337	2.216
2	2.045	1.917
3	1.859	1.735
4	1.731	1.622
5	1.627	1.514
6	1.535	1.421
7	1.455	1.341
8	1.383	1.279
9	1.322	1.229
10	1.278	1.183
11	1.235	1.135
12	1.186	1.082
13	1.135	1.040
14	1.081	1.019
15	1.044	1.008
16	1.021	1.004
17	1.010	1.002
18	1.005	Ht_m=MHt

Upper Limb Multiplier

Age	Boys	Girls
0	4.23	3.90
1	3.02	2.79
2	2.49	2.29
3	2.21	2.02
4	2.00	1.82
5	1.84	1.68
6	1.71	1.56
7	1.60	1.46
8	1.51	1.37
9	1.43	1.30
10	1.36	1.24
11	1.30	1.17
12	1.25	1.11
13	1.18	1.06
14	1.11	1.03
15	1.06	1.01
16	1.02	1.00
17	1.00	1.00
18	1.00	1.00

Timing of Epiphysiodesis

$$M_{\epsilon} = LM / (LM - \epsilon/\kappa)$$

M_{ϵ} = multiplier at the age of epiphysiodesis

ϵ = desired correction by epiphysiodesis

use current **L** and **M**

choose κ =

0.71 for the femur

0.57 for the tibia

0.67 for the femur + tibia

Determine

A_{ϵ} = age at epiphysiodesis

that corresponds to M_{ϵ} from the multiplier table.