

Table 4-1

Intraoperative Sarcomere Length and In Vivo Fascicle Length

Time	Fascicle Length	Sarcomere Length	Sarcomere Number
Initial surgery	9.1 cm	3.64 μm	25,000
3 months later	19 cm	—	—
12 months later	18 cm	3.11 μm	58,650

Note: Intraoperative data only available at initial and 12-month time periods.

Source: Boakes, J. L., Foran, J., Ward, S. R., & Lieber R. L. (2007). Muscle adaptation by serial sarcomere addition 1 year after femoral lengthening. *Clinical Orthopaedics and Related Research*, 456, 250–253.