

Supplementary Table 1 Comparison of current vs previous studies (supracondylar)

Ref.	Year of publication	Years of data (range)	Country	Total	SC combined age (range)	Male/Female Total n	SC age	male	SC female age
Current study	2023	2015-2020	United States	1133	6.76 +/- 3.31	589/544	7.04 3.56	+/-	6.45 +/- 2.98
Holt <i>et al</i> ^[27]	2018	2006-2011	United States	63348	5.5 +/- 3.1				
Landin <i>et al</i> ^[21]	1986	1950-1979	Sweden	320	7.4 +/- 3.1				
Khoshbin <i>et al</i> ^[22]	2013	2002-2010	Canada	3235	6 (3-9)				
Cheng <i>et al</i> ^[5]	2001	1991-1995	China	403	6	253/150	6.6		5
Pilla <i>et al</i> ^[28]	2020	2010-2014	United States	75	6				
Anjum <i>et al</i> ^[29]	2017	2012-2015	India	263	7.9				
Baig <i>et al</i> ^[30]	2017	2015-2016	Ireland	142	6.9	6.9			

Supplementary Table 2 Comparison of current *vs* previous studies (medial epicondyle)

Ref.	Year of publication	Years of data (range)	Country	Total	ME combined age (range)	Male/female total	ME age	ME male age	ME female age
Current study	2023	2015-2020	United States	124	11 +/- 3.86	58/66	12.62 3.67	+/-	9.62 +/- 3.52
Landin <i>et al</i> ^[20]	1986	1950-1979	Sweden	48	12 +/- 2.3				
Ip <i>et al</i> ^[31]	2007	1997-2003	China	24	12.9 +/- 2.11	15/9	13.2 2.11	+/-	12.3 +/- 2.12
Haxhija <i>et al</i> ^[32]	2006	1994-2003	Germany	25	12				
Lee <i>et al</i> ^[33]	2005	1998-2003	Taiwan	25	13.7				
Farsetti <i>et al</i> ^[34]	2001		Italy		12 (8-15)				
Pimpalnerkar <i>et al</i> ^[35]	1998	1984-1997	United Kingdom	14	9.78 +/- 2.72	12/2	9.75 2.96	+/-	10 +/- 0.0
Duun <i>et al</i> ^[36]	1994	1976-1989	Denmark	33	12				
Skak <i>et al</i> ^[37]	1994	1976-1988	Denmark/Sweden	24	10.3				
Fowles <i>et al</i> ^[38]	1990	1966-1984	Tunisia	23	12				
Wilson <i>et al</i> ^[39]	1988	1977-1982	Scotland	43	12 (operative) 11.8 (non-op)				
Hines <i>et al</i> ^[40]	1987	1974-1984	United States	31	12.7				
Dias <i>et al</i> ^[41]	1987	1979-1983	England	20	13				
Van Niekerk <i>et al</i> ^[42]	1985	1985	Netherlands	20	10				

Papavavasiliou <i>et al</i> ^[43]	1982	1982	Greece	91	11.5
Bede <i>et al</i> ^[44]	1975		Canada	50	12.5

Supplementary Table 3 Comparison of current *vs* previous studies (lateral condyle)

Ref.	Year of publication	Years of data (range)	Country	Total n	LC Combined Age (range)	Male/Female Total n	LC Age	Male LC Age	LC Female
Current study	2023	2015-2020	United States	154	7.75 +/- 4.2	99/65	7.84 +/- 4.1		7.59 +/- 4.38
Landin <i>et al</i> ^[20]	1986	1950-1979	Sweden	67	8.7 +/- 3.9				
Milch <i>et al</i> ^[45]	1964	1964	United States		6				
Jakob <i>et al</i> ^[46]	1975	1965-1972	Canada/Tunisia	26	7 (3-10)				
Badelon <i>et al</i> ^[47]	1988	1968-1988	France	47	6.3	35/12			
Marcheix <i>et al</i> ^[48]	2011	2007-2010	France	22	4.6 (2-7)	9/13			
Flynn <i>et al</i> ^[49]	1975	1963-1973	United States	31	7				
Conner <i>et al</i> ^[50]	1970	1961-1968	Scotland	39	6 (3-10)				
Launay <i>et al</i> ^[51]	2004	1994-2001	United States/France	97	6.1 (1.3-14.8)	63/34			
Hardacre <i>et al</i> ^[52]	1971	1971	United States	52	6.9				