

Table caption

Table 1. Baseline characteristics. Results presented as the mean (range of values) for quantitative variables and numbers (percentages) for qualitative variables.

Table 2. Root volumes with mean and standard deviation. Results of multiple comparisons of root volumes between the different root levels of the plexus. ns: no significant difference.

Table 3. Mean of the Intra Class Coefficient (ICC) of the three repeated measurements of medullo-radicular angles. Mean ICC = 0.6.

Table 4. Results of the means, standard deviations and medians of the measurements of medullo-radicular angles. Results in degrees.

Table 5. Means, standard deviations and medians of Fractional Anisotropy measurements according to the 1% and 5% method for each root.

	Mean [measurement range] n (percentage)
Number of subjects	Total n = 6
Mean age (years)	21.67±0.52 [21-22]
Sex	
Female	3 (50)
Male	3 (50)
Mean weight (kg)	66.2 [55-90]
Mean height (cm)	172.7 [190-158]
Laterality (%)	
Right-handed	6 (100)
Left-handed	0 (0)

Table 1. Baseline characteristics. Results presented as the mean (range of values) for quantitative variables and numbers (percentages) for qualitative variables.

Volume (mm3)	C5 right	C6 right	C7 right	C8 right	T1 right	C5 left	C6 left	C7 left	C8 left	T1 left
Subject_1	31	67	94	129	68	24	40	75	92	53
Subject_2	63	119	165	96	53	45	116	173	189	104
Subject_3	115	202	166	118	122	126	129	239	125	140
Subject_4	85	195	207	136	150	67	112	139	149	194
Subject_5	253	272	338	200	64	185	263	310	272	83
Subject_6	189	242	250	221	93	114	171	163	155	89
Mean	123	183	203	150	91	94	139	183	164	110
Standard Deviation	83	77	84	49	38	59	74	81	62	50
Root pair	C5-C6	C5-C7	C5-C8	C5-T1	C6-C7	C6-C8	C6-T1	C7-C8	C7-T1	C8-T1
p value	p<0.05	p<0.001	ns	ns	ns	ns	p<0.05	ns	p<0.001	p<0.05

Table 2. Root volumes with mean and standard deviation. Results of multiple comparisons of root volumes between the different root levels of the plexus. ns: no significant difference.

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Roots	Laterality	ICC
C5	Right	0.63
C5	Left	0.81
C6	Right	0.65
C6	Left	0.56
C7	Right	0.84
C7	Left	0.46
C8	Right	0.42
C8	Left	0.66
T1	Right	0.60
T1	Left	0.33

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Table 3. Mean of the Intra Class Coefficient (ICC) of the three repeated measurements of medullo-radicular angles. Mean ICC = 0.6.

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Spinal radicular angles			
Roots	Mean	Standard Deviation	Median
C5	35.2	6.58	34.6
C6	41.3	3.12	41.1
C7	42.7	5.64	41.0
C8	50.1	4.46	49.7
T1	83 .1	16.6	83.6

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Table 4. Results of the means, standard deviations and medians of the measurements of medullo-radicular angles. Results in degrees.

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	1% Method			5% Method		
Root	Mean	Standard Deviation	Median	Mean	Standard Deviation	Median
C5	0.282	0.07	0.284	0.322	0.074	0.317
C6	0.332	0.10	0.353	0.368	0.078	0.386
C7	0.351	0.10	0.33	0.295	0.082	0.291
C8	0.305	0.083	0.316	0.270	0.075	0.269
T1	0.274	0.078	0.281	0.240	0.077	0.256

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Table 5. Means, standard deviations and medians of Fractional Anisotropy measurements according to the 1% and 5% method for each root.

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