

(Table 1): A Table showing Antero-posterior (APD) diameters of cervical spinal canal as measured by CT with Comparison among the three-age groups

Cervical vertebra	Group (1)	Group (2)	Group (3)	P	P1	P2	P3
C2 Mean ± SD	16.89±1.05	16.56±1.33	13.66±1.45	0.000	1.000	0.000	0.000
C3 Mean ± SD	13.08±1.41	12.73±0.96	11.20±0.89	0.03	1.000	0.003	0.019
C4 Mean ± SD	12.71±1.61	11.74±0.89	10.99±1.06	0.019	0.212	0.018	0.623
C5 Mean ± SD	12.80±1.77	12.77±1.31	11.80±1.85	0.354	1.000	0.585	0.614
C6 Mean ± SD	12.64±1.84	12.39±1.70	11.98±1.75	0.718	1.000	1.000	1.000
C7 Mean ± SD	12.97±1.29	12.59±1.39	12.00±1.72	0.354	1.000	0.460	1.000

(Table 2): A Table showing Antero-posterior (APD) diameters of cervical spinal canal as measured by MRI, with Comparison among the three-age groups

Cervical vertebra	Group (1)	Group (2)	Group (3)	P	P1	P2	P3
C2 Mean ± SD	16.08±0.44	15.37±1.34	13.75±1.23	0.000	0.128	0.000	0.010
C3 Mean ± SD	14.32±0.45	13.37±1.17	12.31±0.94	0.002	0.242	0.001	0.080
C4 Mean ± SD	13.20±0.78	12.67±0.95	11.96±0.93	0.029	0.663	0.026	0.357
C5 Mean ± SD	13.61±0.65	13.10±0.88	12.01±0.91	0.003	0.685	0.003	0.047
C6 Mean ± SD	13.68±0.54	13.14±1.18	12.31±1.41	0.030	1.00	0.050	0.058
C7 Mean ± SD	14.52±0.61	14.11±1.05	13.02±1.45	0.027	1.00	0.041	0.082

P compared the 3 groups, p1 compared group (1) & (2), P2 compared group (1) & (3), p3 compared group (2) & (3); Significant at p<0.05

(Table 3): A Table showing Cross sectional (CS) Area of cervical spinal canal as measured by CT with Comparison among the three-age groups as regard CS

Cervical vertebra	Group (1)	Group (2)	Group (3)	P	P1	P2	P3
C2 Mean ± SD	239.83±23.66	235.66±26.91	182.2±23.74	<0.0001	1.00	<0.0001	<0.0001
C3 Mean ± SD	157.2±29.59	151.43±14.92	124.48±9.04	0.005	1.00	0.006	0.021
C4 Mean ± SD	151.22±33.24	135.33±21.31	113.4±7.38	0.009	0.443	0.007	0.06
C5 Mean ± SD	161.22±34.46	157.76±36.23	123.03±28.512	0.047	1.00	0.05	0.109
C6 Mean ± SD	156.20±33.69	148.43±34.50	125.26±22.1	0.127	0.95	0.142	0.397
C7 Mean ± SD	162.74±29.79	138.21±63.07	125.64±30.8	0.189	0.608	0.249	1.00

(Table 4): A Table showing Cross sectional (CS) Area of cervical spinal canal as measured by MRI with Comparison among the three-age groups

Cervical vertebra	Group (1)	Group (2)	Group (3)	P	P1	P2	P3
C2 Mean ± SD	240.5±14.22	239.14±43.79	195.25±35.49	0.021	1.00	.042	0.048
C3 Mean ± SD	193.64±23.19	189.86±31.77	159.25±34.74	0.078	1.00	0.119	0.196
C4 Mean ± SD	173.86±23.51	162.14±14.47	142.75±18.93	0.012	0.735	0.011	0.150
C5 Mean ± SD	180.21±22.14	173.14±19.56	138.25±28.54	0.004	1.00	0.005	0.020
C6 Mean ± SD	185.21±6.35	177.29±23.77	142±30.25	0.002	1.00	0.017	0.020
C7 Mean ± SD	201.5±12.16	190.14±29.36	157.25±38.81	0.015	1.00	0.02	0.069