



Esophageal String Test[®] Guide for Esophageal Length *

Based on height, this guide estimates the length along the string at which the esophagus ENDS.

Height (ft, in)	Children (cm)	Adults (cm)
3'9"	33.8	32.5
3'10"	34.4	33.1
3'11"	35.1	33.7
4'	35.7	34.2
4'1"	36.4	34.8
4'2"	37.0	35.4
4'3"	37.6	36.0
4'4"	38.3	36.5
4'5"	38.9	37.1
4'6"	39.6	37.7
4'7"	40.2	38.3
4'8"	40.8	38.8
4'9"	41.5	39.4
4'10"	42.1	40.0
4'11"	42.8	40.6
5'	43.4	41.1
5'1"	44.0	41.7
5'2"	44.7	42.3
5'3"	45.3	42.9
5'4"	46.0	43.4
5'5"	46.6	44.0
5'6"	47.2	44.6
5'7"	47.9	45.2
5'8"	48.5	45.7
5'9"	49.2	46.3
5'10"	49.8	46.9
5'11"	50.4	47.5
6'	51.1	48.0
6'1"	51.7	48.6
6'2"	52.4	49.2
6'3"	53.0	49.8
6'4"	53.6	50.3
6'5"	54.3	50.9
6'6"	54.9	51.5

*Strobel, C. T., Byrne, W. J., Ament, M. E., & Euler, A. R. (1979). Correlation of esophageal lengths in children with height: Application to the Tuttle test without prior esophageal manometry. *The Journal of Pediatrics*, 94(1), 81–84. [https://doi.org/10.1016/s0022-3476\(79\)80361-3](https://doi.org/10.1016/s0022-3476(79)80361-3)