The objective of this study is to determine the morphometric features of larynx, trachea and esophagus and discuss the possible correlation between the height and weight of larynx, trachea and esophagus with other parameters such as height, weight and age of patients. Different samples were measured using tape and digital scale. The results of measurements showed significant correlation between the age of individuals and the weight and length of trachea and larynx. However, no significant correlation was found between the length and weight of trachea or larynx with either gender, height or weight of individuals. The results of measurement showed significant correlation between the age and the weight of esophagus. However, no significant correlation was found between the length and weight of esophagus with either height, weight or gender; plus, the positive correlation between the age and the weight of esophagus was seen in 60% of the population. These data are important in dosimetry for treating cancer patients using radiotherapy.

Key words: trachea, larynx, esophagus, height, age, radiotherapy, dosimetry

**Themes:**

Check (highlight) the most applicable theme according to the abstract.

| Innovation and Technology | Health and Wellness | Culture and Society | Sustainability and Conservation |

**Comments:**

The introduction of the abstract can be improved by including a brief literature review (highlighting the research gap) and a statement of why this research gap needs to be addressed. The correlation results are somewhat confusing because of the lack of structure. To improve this so that a lay audience can better understand it, you can break down the results by stating first results that are consistent to your expectations and results that are not expected for example. You can also break down the results by describing first the common effects across the three organs you tested, then the differences. You mentioned at the end that these data are important. You can go one step further to explain how these data are important in dosimetry (which I believe is a technical jargon that could be replaced by simpler words).