

**Bibliographic Reference:** Galiatsatos, A. (2015). Handbook of Laboratory Exercises in Dental Morphology [Undergraduate textbook]. Kallipos, Open Academic Editions. http://dx.doi.org/10.57713/kallipos-948

## Abstract

A significant part of dental science deals with the restoration or replacement of hard dental tissues lost due to various causes, in such a way as to restore the normal shape and size to the dental arch. Therefore, knowledge of the normal morphology of teeth is a prerequisite for those involved in dental restorative procedures (dentists and/or dental technicians) in order to achieve the desired outcome. The morphological and anatomical characteristics of each tooth individually, as well as collectively, play a significant role in both the proper function of the stomatognathic system and the aesthetics of the face. This specific book thoroughly describes all the morphological characteristics of natural teeth. The description is presented for each tooth separately, highlighting its unique features that distinguish it from others, either within its group or within the entire arch. Furthermore, a comparative evaluation is made between teeth of the same group, emphasizing the differences between right and left hemiarch teeth, upper and lower jaw teeth, and differences between deciduous and permanent teeth. Additionally, anatomical elements of the oral cavity are provided, as well as elements of tooth occlusion, which are considered essential for the correct and easier learning of tooth morphology and function. The entirety of the description is accompanied by numerous diagrams and images, as visualizing the morphological elements of teeth is a very effective way to learn their morphology.



The Project is funded by the National Development Programme 2021-2025 of the Ministry of Education and Religious Affairs and implemented by the Special Account for Research Funds of the National Technical University of Athens and the Hellenic Academic Libraries Link.

