Book Review

Cephalometrics (2014)

Rendgenska Kefalometrija (Original title)

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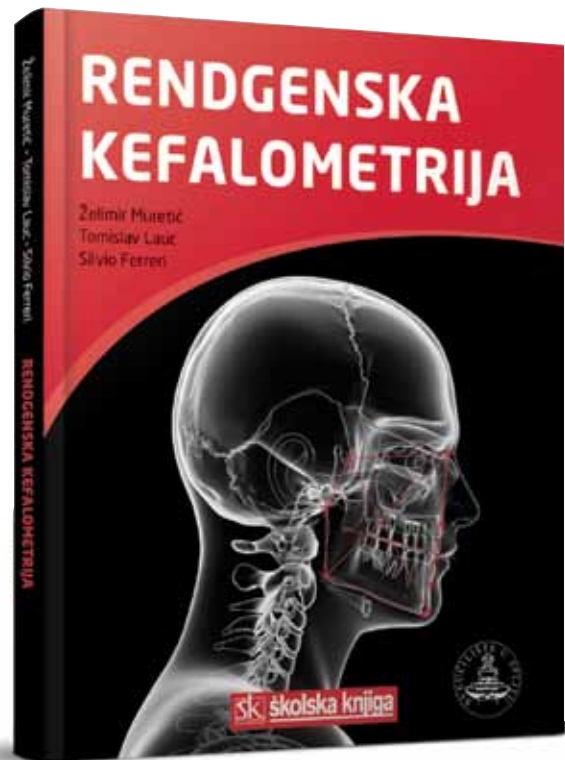Publisher: Školska Knjiga d.d.

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Reviewed by Enita Nakas

Radiographic cephalometrics is a demanding procedure that requires knowledge of dental and facial anatomy, as well as radiology. Individual treatment planning is impossible without cephalometry. This textbook represents an overview of cephalometric analysis from basic cephalometric analysis to 3D-cephalometry and describes the current state of knowledge.

The textbook is systematically divided into chapters, which are further elaborated in a unique pattern that provides additional clarity of presented topics. One of the first chapters in the textbook provides information about the positioning of the head, X-ray magnification and other useful information that orthodontists need to know before starting the analysis of X-ray images. In addition to covering the anatomy and basic principles of landmark identification, lateral cephalometric radiographs tracing and analyses, this book also describes the posteroanterior (PA) cephalometric analysis as well as 3D cephalometric analysis for enhanced accuracy and efficiency in diagnosis.

Furthermore, the textbook describes possibilities for monitoring cranial growth and development, estimating skeletal age and provides an analysis of soft tissue. An important part of the textbook is the analysis of airways. This analysis became popular in recent years due to increased interest of orthodontist in Obstructive Sleep Apnea (OSA).

One of the chapters covers the facial analysis from the clinical photography. All healthcare providers who are dealing with facial aesthetic need to have knowledge about facial analysis and this book bring very useful and applicable information regarding that issue.

Cephalometrics is written in a clear and simple manner, so even undergraduate students can easily understand the main points of cephalometric analysis. At the same time, the book provides information needed in everyday clinical work and serves as a diagnostic tool in orthodontics, maxillofacial surgery, forensic medicine and anthropology, which makes it ideal for all those who wish to refresh and update their understanding of this subject.

This textbook is a source of principles and procedures required for creating, processing and evaluating cephalometric radiographs, photographs and 3D scans for all healthcare providers. *Cephalometrics* is armamentarium for all practitioners dealing with growing patients, and facial aesthetics.