METADATA

Title: Study Guide for Basic Radiological Projections

Other Titles: -

Language: Greek

ISBN: 978-960-603-105-2

Subject: MEDICINE AND HEALTH SCIENCES, LIFE SCIENCES, BIOLOGICAL SCIENCES, ENGINEERING AND TECHNOLOGY, NATURAL SCIENCES AND AGRICULTURAL SCIENCES

Keywords: Radiography / Projections / Imaging

Bibliographic Reference: Koumarianos, D. (2015). Study Guide for Basic Radiological Projections [Undergraduate textbook]. Kallipos, Open Academic Editions. http://dx.doi.org/10.57713/kallipos-895

Abstract

Performing radiographs is the most difficult task in the clinical practice of radiology. New technologists are confronted with a huge number of terms and required skills that are presented quickly and in a very limited time. The purpose of this guide is to facilitate the learning process and help new professionals easily develop the appropriate clinical skills in basic radiographic projections. The guide consists of 11 chapters that can be covered in an equal number of weeks during the semester. In Chapter 1, students become familiar with the terminology, while the following 10 chapters refer to the positioning, technique, and usefulness of basic radiographic examinations of the respiratory system, abdomen, upper extremities, shoulder girdle, lower extremities, pelvic girdle, spine, chest bones, and skull. Each chapter includes a summary of the content, objectives, rationale, a study guide for the references, multiple dynamic interactive questionnaires, and various learning activities. The aim of each chapter is to provide students with the knowledge and skills required for radiographic examination with the help of: - Review questions and answers to review and check the basic terms and concepts of the module. - Questionnaires on anatomy and projections to self-assess their knowledge with over 1,000 interactive questions with feedback. - Multiple learning activities to connect their knowledge with its application in clinical practice. The questions include a significant number of higher-order cognitive skills questions, which can help students bridge the gap between simple memorization and solving real-world problems.

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.