RadTechPro App Review

Raja L. Gali¹ · Elizabeth Smith¹

Published online: 14 June 2016
© Society for Imaging Informatics in Medicine 2016

App Specs

App icon URL: <https://s1.mzstatic.com/us/r30/Purple2/v4/57/a2/da/57a2dad6-38fd-7d41-4714-2818818bec52/icon340x340.jpeg>

App name: RadTechPro

App developer: RadTechPro

App developer website: WWW.RadTechPro.Com

App price: \$4.99

Apple App store URL: <https://itunes.apple.com/us/app/radtechpro/id532996662?mt=8>

Google Play store URL: N/A

Category: Medical, educational

Tags: #educational #radiology #works offline #iOS-only

Works offline: Y

FDA approval: N/A

Promotion code: None

Quick Review

(1 star: lowest/5 stars: highest)

Overall rating (1–5): 4

Content (1–5): 4

Usability (1–5): 5

✉ Raja L. Gali
raja.gali@jefferson.edu

¹ 132 South 10th Street, Suite 877GC, Philadelphia, PA 19107, USA

Pros: Simple and user-friendly interface, covers all basic radiographic exams with high-definition pictures and instructions.

Cons: Very basic, not exhaustive, no option to add free text, search option could be linked to a search engine (requires Wi-Fi or mobile net connectivity); centering details are missing, expensive.

At a glance: Simple and easy-to-use app that covers all basic general X-rays. Procedures are listed by body part for easy navigation, and the search option is adequate.

Introduction

RadTechPro by RadTechPro is an iOS app designed for students and technologists to be used as a guide for patient positioning of general X-ray procedures. The app includes high-definition pictures, instructions, and tips for positioning along with breathing instructions wherever required. Students and technologist can use this app as a quick reference tool before they perform a procedure.

Purpose/Features/Content

The purpose of this app is to be a guide or reference tool for a student or a technologist by providing instructions and tips along with pictures for positioning

Fig. 1 Screenshot of navigation menu by body part

of the patient for basic general X-ray procedures. This is a very handy tool for quick reference without having to refer to a bulky book. The app provides easy access to basic procedures.

The procedures are listed by body part for easy navigation, and the search option is convenient for a quick lookup (Figs. 1 and 2).

A high-definition image help understand the positioning (Fig. 3), and the tips section is divided into a description of the procedure, angle, position, and tips (Fig. 4).

The app includes most of the general X-ray procedures. There are few missing procedures, however, such as TMJ joints, mandible, decubitus views of abdomen, upright abdomen, apical, lordotic, oblique views of chest, cross lateral view of hip, AC joints, sternum, transthoracic, humerus, and navicular.

Usability

The app offers an intuitive and easy-to-use interface. High-definition pictures used for illustration along with description of each position are good.

Good

There is an intuitive user interface with basic, easy-to-navigate menu, clear pictures, and explanation; covers a lot of procedures that are done in general X-ray; and notes for each procedure provide good and relevant information.

Room for Improvement

While the app provides a lot of good information about the positioning for a procedure, it could be very helpful if the app

Fig. 2 Screenshot of high-quality images for positioning

Fig. 3 Screenshot of centering and collimation

Fig. 4 Screenshot of description of the position, tube angle, breathing instructions if applicable, and tips

allows the users to add notes to the procedure. This would be very useful if the users have to add a note that is specific to their department. It would also be very helpful if the search menu is linked to the search engine of the phone to look up procedures that are not listed in the app or if the user wants to get more information. This, of course, requires the user to

have Internet connectivity. While the high-definition pictures are good, it would be helpful to include the radiographic image of the position and the anatomy of the body part.