

ID: 106

Scientific Abstract

Topics: General Radiology

Keywords: Image Interpretation, Arab World, Radiographer, Radiologist.

1.Associate Professor and 2.Teaching Assistant

Awad Elkhadir¹, Bashair Alhidri²

¹King Abdulaziz University, Diagnostic Radiography Technology Department, Faculty of Applied Medical Sciences, Jeddah, Saudi Arabia, Saudi Arabia; ²King Saud bin Abdulaziz university for health sciences, College of medicine, Jeddah, Saudi Arabia

Objective: To know the perceptions of the Radiologists in Arab World in relation to Plain Image Interpretation of Adults by Radiologic Technologist Specialist (RTS).

Methods and Materials: A questionnaire was distributed to some Arab consultant radiologists and resident working on the Kingdom of Saudi Arabia and Sudan.

Results: 103 participants were surveyed. 28 % know RTS has some role in writing image reports in Arab World, while 59 % didn't know. 43 % agreed on the possibility of image reporting role for RTS, but on the other hand, 36 % do not agree. 37 % see that image interpretation by RTS will help in diagnosis of unreported radiographs where the radiologist is unavailable such as health care centers and emergency departments, while 46.5 % they don't see that. 46 % think that by allowing reporting for RTS will result in reducing the workload and stress on radiologists, 35 % they don't think that. 42 % believe that image interpretation by RTS can be introduced into the Middle East in the future, 33 % do not.

Conclusion

Arab radiologists are willing to support the development of RTS. However, mentoring is required on the medical and accountability aspects of radiographers adjusting their new authority. Radiologists' supervision and involvement in the educational process and training acquisition for new roles may increase their confidence and trust in radiographers to be able to work within the limitations of their competency and within their training limits.