

Evaluation the knowledge, attitude and practice of personnel in operating room, ERCP and ESWL about radiation protection

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Abstract

Introduction: evaluation of knowledge, attitude and practice level of radiation hazards and protection amongst personnel in operating room is of great importance.

Methods: A cross-sectional check was conducted in 11 provinces of Iran. Respondents in this study were 332 personnel of operating room (OR), ERCP and ESWL. Hospitals selected in three sizes (small, medium and large) and three types (educational, non educational and private clinic).

Result: Our results showed that there was no significant difference between sex factor ($p=0.1>0.05$). For both, the age of participants graduation and practice age there was no significant difference ($p>0.05$). According to analyses for both factors, size of hospital (small, medium and large) and type of hospital (educational, non educational and private clinic), there was significant difference ($p<0.05$). Moreover, indicated there was significant difference for factors, region and healthcare market ($P<0.05$).

Conclusion: The response obtained from our study showed that, KAP of the participations had not significant results in gender, educational age, practice age, size and type hospitals that were their workplace. While for factors, region and healthcare market there were significant results.

Keywords: Operating room, ERCP, ESWL, Radiation hazard, Protection