

## ABSTRACT

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Study Program : Occupational Health and Safety  
Title : Radiation Safety Management System Evaluation in Operating Room Hospital X.

The radiation safety management system in the hospital operating room X is needed because it uses a C-Arm radiation device, this system functions to operate the C-Arm radiation equipment properly. This qualitative research uses in-depth interviews, observations, and document review. The informants in this study were the head of the operating room, 2 surgical nurse officers, and 2 anesthesia nurses in the operating room. The results showed that there was no radiation protection organization, radiation protection equipment that was still incomplete, monitoring of individual doses did not yet exist, health assessment were carried out only on officers who were working for the first time and officers who were still working in the operating room. individuals, permits to operate C-Arm, training for operating room officers who have calibration documents on C-Arm devices and radiation protection equipment, Quality assurance for X hospitals has calibrated C-Arm devices and radiation protection equipment once a year, room staff education and training operations are not carried out. Hospital X is advised to immediately implement a radiation safety management system in the operating room. This is so that the operating room officers avoid the danger of radiation.

Keywords : Radiation Safety, Organizational Management System, radiation protection devices, Individual Dosing Monitoring, Quality Assurance, Health Assessment, Education and Training Examination.

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