

# HUBUNGAN ANTARA ASPEK MANAJEMEN DENGAN PRAKTEK PROTAP K3 RADIASI DI INSTALASI RADIOLOGI RUMAH SAKIT DI KOTA SEMARANG

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Aspek manajemen keselamatan radiasi instalasi radiologi terdiri dari organisasi proteksi radiasi, pemantauan dosis radiasi, peralatan proteksi radiasi, pemeriksaan kesehatan radiografer, penyimpanan dokumentasi, jaminan kualitas, pendidikan dan pelatihan. Penelitian ini bertujuan untuk mengetahui hubungan antara aspek manajemen dengan praktek protap di instalasi radiologi rumah sakit di Kota Semarang. Penelitian ini menggunakan studi *cross sectional* dan untuk menganalisa data, digunakan uji *Kendal's Tau*. Hasil penelitian menunjukkan bahwa ada hubungan yang signifikan antara manajemen dalam peralatan proteksi radiasi dengan praktek protap ( $r=0,015$ ); manajemen pemeriksaan kesehatan radiografer ada hubungan yang signifikan dengan praktek praktek ( $r=0,018$ ); serta ada hubungan yang signifikan antara aspek manajemen dalam pendidikan dan pelatihan dengan praktek protap ( $r=0,031$ ).

**Kata Kunci:** Manajemen, Protap, Instalasi radiologi

THE CORRELATION BETWEEN MANAGEMENT ASPECTS AND STANDARD  
OPERATING PROCEDURE (SOP) IMPLEMENTATION IN RADIOLOGY INSTALATIONS  
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*Management aspects of the radiology installations are organization of radiation protection, dosage monitoring of radiation exposure, equipment of radiation protection, health examination among radiographers, documentation, quality assurance, education and training. This research aimed to explain the correlation between management aspect and standard operating procedure (SOP) implementation in radiology installation hospital in Semarang City. Cross sectional design was utilized. Kendall's Tau was chosen to analyze the data. Result showed that the provision of equipment of radiation protection was significantly correlated with SOP implementation ( $r=0,015$ ) ; health examination among radiographers was significantly correlated SOP implementation( $r=0,018$ ); education and training was significantly correlated with SOP implementation( $r=0,031$ ).*

*Keyword: Management, SOP, Radiology installation*