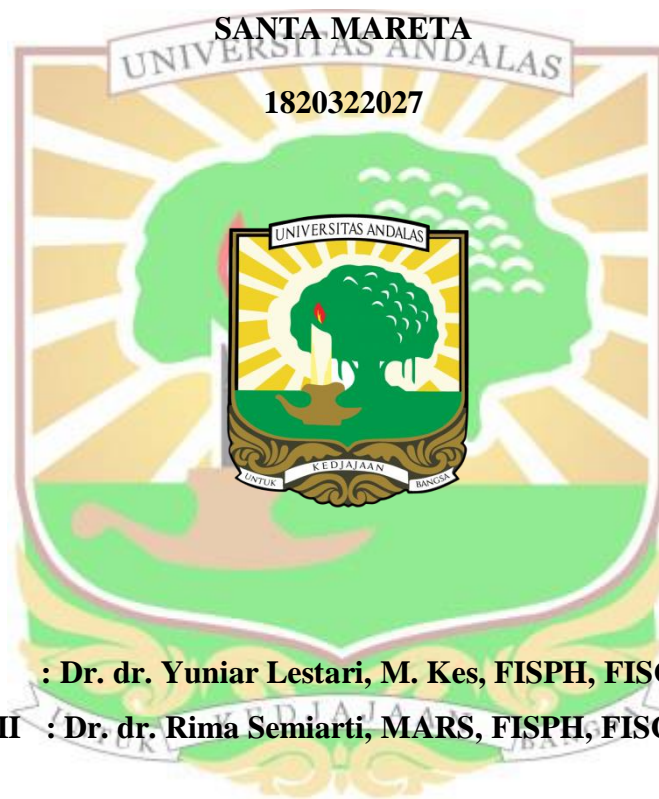


**ANALISIS PENERAPAN KESELAMATAN RADIASI PADA  
RADIOGRAFER DI INSTALASI RADIOLOGI  
RSU. MAYJEN H. A THALIB KERINCI  
TAHUN 2022**

**TESIS**



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**PROGRAM STUDI PASCA SARJANA KESEHATAN MASYARAKAT  
FAKULTAS KEDOKTERAN  
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PADANG 2022**

PROGRAM STUDI S2 KESEHATAN MASYARAKAT  
FAKULTAS KEDOKTERAN UNIVERSITAS ANDALAS

Tesis, Desember 2022  
Santa Mareta, NIM. 1820322027

Analisis Penerapan Keselamatan Radiasi Pada Radiografer Di Instalasi Radiologi  
RSU Mayjen H.A Thalib Kerinci Tahun 2022

**Abstrak**

Salah satu kebijakan kepala BAPETEN Nomor 8 Tahun 2011 adalah Penerapan Keselamatan Radiasi Dalam Penggunaan Pesawat *Sinar-X* Radiologi. Untuk mengetahui penerapan keselamatan radiasi di instalasi radiologi RSU. Mayjen H.A Thalib Kerinci peneliti menggunakan pendekatan kualitatif. Informan direktur rumah sakit, dokter spesialis radiologi, kepala ruangan radiologi, petugas proteksi radiasi dan radiografer. Hasil penelitian : input, kebijakan belum disosialisasikan, SDM belum mencukupi, pelatihan belum dilakukan, sarana belum mencukupi, ketersediaan dana belum mencukupi. Proses, justifikasi terlaksana dengan baik, Optimasi belum dijalankan sesuai panduan, limitasi dosis radiografer belum patuh menggunakan APD, *film badge* belum dikirim, pemantauan kesehatan belum dilakukan. Output, pelaksanaan keselamatan radiasi pada radiografer belum sesuai dengan Peraturan Kepala BAPETEN Nomor 8 Tahun 2011. Disarankan dilakukan elaboasi kebijakan, menambah tenaga fisikawan medis, menyelenggarakan pelatihan, menambah APD, membuat anggaran tahunan program keselamatan radiasi dengan rinci, memberikan *punishment* dan *reward* penggunaan APD, menyelenggarakan pemantauan kesehatan kepada radiografer dan membentuk unit K3 Rumah Sakit.

Kata Kunci : Keselamatan, Radiasi, Radiologi

Daftar Pustaka : 39 (2033-2020)

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Thesis, December 2022  
Santa Mareta (NIM 1820322027)

Radiation Safety Application Analysis In The Radiographer At The Radiological  
Installation Of Mayjen H.A Thalib Kerinci Hospital In 2022

**Abstract**

*One of the policies of the head of the BAPETEN Number 8 of 2011 is the Application of Radiation Safety in the Use of Radiological X-Ray Equipment. To find out the application of radiation safety in the RSU radiology installation. Major General H.A Thalib Kerinci researchers used a qualitative approach. Hospital director informants, radiologists, heads of radiology rooms, radiation protection officers and radiographers. Research results: input, policies have not been disseminated, human resources have not been sufficient, training has not been carried out, facilities have not been sufficient, availability of funds has not been sufficient. The process, the justification was carried out well, the optimization had not been carried out according to the guidelines, the radiographer's dose limitation had not complied with using PPR, the film badge had not been sent, health monitoring had not been carried out. Output, the implementation of radiation safety for radiographers is not in accordance with Regulation of the Head of BAPETEN Number 8 of 2011. It is recommended to elaborate the policy, add medical physicists, organize training, add PPR make an annual budget for radiation safety programs in detail, provide punishment and reward the use of PPR, carry out health monitoring to radiographers and form a hospital K3 unit.*

*Keywords: Safety, Radiation, Radiology*

*Bibliography : 39 (2003-2022)*