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RAM

QUALITY CONTROL OF GAMMA CAMERA

A PROJECT REPORT PRESENTED BY

VIJITHA RAMANATHAN

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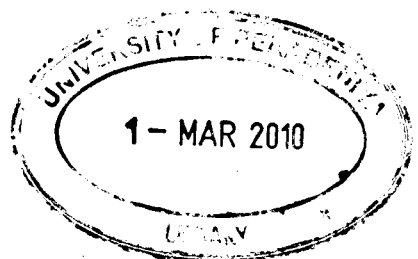
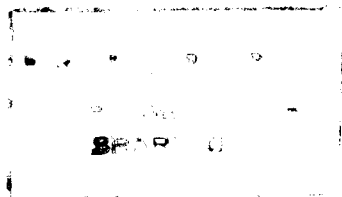
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ABSTRACT

The purpose of Quality Control tests for nuclear medicine gamma cameras is to detect changes in performance which might degrade the accuracy of clinical images.

In this study, the important Quality Control tests were performed and analyzed the data with reference values.

Intrinsic flood field uniformity, intrinsic flood field uniformity for different PHA window, intrinsic spatial resolution, system count rate performance, intrinsic count rate performance and extrinsic count rate performance of the SEARLE Gamma Camera were performed and in the case of system studies low energy high sensitive parallel hole collimator was used.