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Clinical Education Assessment of Radiologic Technology Interns of CEFI In Computed Tomography

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Introduction: Computed tomography (CT) has emerged as a crucial imaging modality, necessitating radiologic technology interns to prove high levels of competency prior to complete clinical practice. This study aimed to evaluate and compare the competency levels of interns in CT as rated by CT technologists and interns. This study aim to identify the competency levels of radiologic technology interns in patient care and management, image production, and radiation safety. **Methods:** The participants of the study includes twenty-three (23) Radiologic Technology Interns, and one (1) CT Technologists from each affiliated hospital. A quantitative, comparative design was utilized, employing the Wilcoxon Signed-Rank test to compare the differences between the two assessment sets. **Results**: Results indicated that interns rated themselves higher in all areas than CT technologists' ratings, with significant differences found in patient care and management ($p = 0.002$), image production ($p = 0.001$), and radiation safety ($p = 0.023$), reflecting a gap between intern self-perception and clinical findings. **Conclusions**: The findings emphasize the effectiveness of existing academic training while highlighting calls for improved clinical mentorship and radiation safety reinforcement, playing a role in curriculum development and advocacy for strategies to improve student self-perceptions relative to subsequent clinical performance.

Keywords: computed tomography, competency, radiologic technology interns, CT technologist