

Sudan University of Sciences and Technology

College of Graduate Studies

**Evaluation of Nursing Performance in
Radiological Departments in Khartoum State**

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M.Sc. degree in Diagnostic Radiologic Technology

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I dedicate this work

To soul of my father

To my mother

To my sisters and their lovely kids

To my brother

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Abstract

This is a prospective and complementary study. It carried out in hospitals of Khartoum state. It showed the evaluation of nursing performance in radiological departments. Careful randomized 70 technologists were surveyed, 56 of them from governmental hospitals, and 14 of them from private medical centers.

Questionnaire was designed to assess the knowledge about nursing procedures, and preparation of departments for emergency situations.

This study represents that, there were 37 % of technologists have good knowledge about nursing procedures for infection control. Also 72 % of technologists with good management of x-ray room during special procedures, 75 % of them with good management of reaction to contrast media, and 82 % of them applied proper procedures for injection of contrast media. But there was low knowledge about general nursing care in radiology.

This study showed that there was lack of supply of equipment, and low co-ordination and connection with other hospitals units.

الخلاصة

هذه دراسة مستقبلية متتامة ، أدرت في مستشفيات ولاية الخرطوم كان الغرض منها تقييم العمليات التويضية بأقسام الأشعة لإراز ورها في فوصات الأشعة .

تم إختيار العينة بإستخدام الطريقة العشوائيةو لكن بؤكيز على التقنيين الذين لهم ور في الفوصات الخاصة ، ولهم إمام بالوانب الإلرية المتعلقة بالقسم .وقد شملت الؤاسة 70 تقني ، 56 منهم يعطون في المستشفيات الحؤمية، و 14 منهم في المراكز الخاصة .

صممت إستبانة بؤض جمع البيانات لإستخلاص فؤيد من النتائج ،وقد إشتملت الأسئلة على تقييم الموفة بالعباية التويضيةوتقييم حالة القسم من حيث الجاؤوية لتقديم هذه العباية.

وجد في هذه الؤاسة أن 37 % من التقنيين لهم موفة عبدة بالعبليات التويضية للسيطرة على العبوى .و منع إنتقالها للويضو والعاملين.

كما أن 72 % منهم ، لهم القؤرة على وتيب وإلرة فؤفة الأشعة في حالة الفوصات الخاصة .ووجد أن هنالك ضعف في الموفة بالعبليات التويضية العامة ، حيث وجدت نسبة الموفة العبدة 38 % أيضاً للتقنيين مهلة عبلة في تحديدو حقن حؤعة و سيط التباين بللريد حيث كانت نسبة الؤدة 82 % .

أثبتت الؤاسة أن أقسام الأشعة تفتقر إلى معدات التويض، والأؤوية المساهمة في علاج حالات الطؤري بالقسم حيث كانت نسبة حؤدة الجاؤوية 34 % . كما أن هذه الأقسام ليس لهاو سيلة إتصال فعالة بباقي الأقسام،و ليس لها تنسيق عبد مع حؤدة التويض .

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