

قال تعالى :

"وَمَنْ يَتَّقِ اللَّهَ يَجْعَلْ لَهُ مَخْرَجًا * وَيَرْزُقْهُ مِنْ حَيْثُ لَا يَحْتَسِبُ وَمَنْ
يَتَوَكَّلْ عَلَى اللَّهِ فَهُوَ حَسْبُهُ إِنَّ اللَّهَ بَالِغُ أَمْرِهِ قَدْ جَعَلَ اللَّهُ لِكُلِّ شَيْءٍ
قَدْرًا"

سورة الطلاق

(3_2)

To...

Our lovely families...

To...

Our colleagues ... and our friends..

To...

Our respective teacher...

To....

Everyone who help us...

ACKNOWLEDGMENT

We are deeply thankful to ALLAH the beneficent, for the progress and success

We Gained in all our study It is a great pleasure to acknowledge all those people who had given us tremendous help and support in completing this study especially to our supervisor, Ustaza: Alawia Ahmed El-mak "Sudan University of Science and Technology, college of Medical Radiological Science" for her full guidance and assistance throughout the whole period of this study.

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Abstract

The x-ray request form is an essential tool for communicating patient data and clinical indication from the referring physicians to radiologic department. This study aimed to evaluate the applied x-ray request form and compare between the applied and standard request form in Khartoum state hospitals at emergency departments in Omdurman, Khartoum and Bahri.

This study was evaluated 60 request forms in time from June to July"2014".

Patient data and clinical indication on the x-ray request form is vital importance.

Requests were evaluate according to standard radiological request form. The main result of the evaluation of the applied x-ray request form filling elements including (pt full name, age, sex, job, pt history, pt condition, clinical indication, LMP, date of exam, previous exam, physician name, and clearness of requested exam, technologist name, size of films ,number of films) were found to be 100%, 33%, 0%, 0%, 18%, 0%, 23%, 0%, 58%, 0%, 95%, 95%, 0%, 0%,0% respectively.

The total numbers of filling of the results after collected 20 request forms from emergency departments (Bahri, Khartoum, and Omdurman) are (32%,26,33%,26,33%) respectively.

Conclusion of this study that the filling of patient data and clinical indication are vital important in request forms.

Regarding to the result it show that the method of filling patient information in x-ray request form by the referring physicians in addition to the form of x-ray request form that applied in Khartoum state emergency departments should be reviewed.

ملخص البحث :

إن استمارة طلب فحص الأشعة أداة ضرورية لنقل بيانات المريض و دواعي الفحص من الطبيب المعالج إلى قسم الأشعة .

هدفت هذه الدراسة إل تقييم استمارة طلب فحص الأشعة في بعض أقسام الطوارئ من مستشفيات ولاية الخرطوم (بحري ، الخرطوم، أم درمان).

تم تقييم 60 استمارة طلب فحص أشعة في الفترة من شهر يونيو إل شهر يوليو .

بيانات المريض ودواعي الفحص من الأشياء المهمة في الاستمارة .

تم تقييم عدد من عناصر استمارة طلب فحص الأشعة تبعاً للاستمارة المثالية ، وهي (اسم المريض بالكامل ، العمر ، النوع ، نوع العمل ، تاريخ الفحص ، حالة المريض ، المؤشرات المرضية ، تاريخ آخر دورة شهرية ، الفحوصات السابقة ، اسم الأخصائي ، وضوح كتابة الفحص ، اسم التقني ، حجم الفلم ، عدد الأفلام).

وكانت نتائج تقييم هذه العناصر هي (100% ، 33% ، 0% ، 0% ، 18% ، 0% ، 23% ، 0% ، 58% ، 0% ، 95% ، 95% ، 0% ، 0%) علي الترتيب .

كانت مجمل النتائج تقييم ملء بيانات المريض بعد جمع 20 استمارة طلب فحص أشعة من أقسام الحوادث (بحري ، الخرطوم ، أم درمان) هي (26.33% ، 26.33% ، 32%) علي التوالي.

خلصت الدراسة إلى أن توفير بيانات المريض ودواعي الفحص في استمارة طلب فحص الأشعة مهمة للغاية.

وفقا للنتائج وجد أن طريقة ملء بيانات المريض في استمارة طلب فحص الأشعة بواسطة الطبيب المعالج بالإضافة إلى شكل استمارة طلب فحص الأشعة المطبقة في أقسام الطوارئ في بعض مستشفيات ولاية الخرطوم يجب مراجعتها .

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&Percentages)

List of abbreviation:

Pt: patient

ALARA: As Low As Reasonably Achievable

LMP: last menstrual period

CR: Computed Radiography

U/S: Ultra Sound

MRI: Magnetic Resonance Imaging

CT: Computed Tomography

CM : Contrast Media