

Dedication

Having this research to

My parents

My husband

My brother & sisters

And my friends

Acknowledgement

I thank Allah the Almighty for helping me complete this project.

I am greatly indebted to my supervisor Dr. Caroline Ayad , for her help and guidance .

I would to thank every one helped me in this research.

Abstract

The aim of this study was to assess accuracy of emergency conventional performing beside ct scan in traumatic patients and to evaluate whether early computed tomography is superior to routine x-ray In the diagnostic traumatic disorders in all cases. The study was conducted at radiology department in Khartoum hospital , Antalya Centre and Royal Care hospital in period from May 2014 to December 2014 .

102 traumatic patients presenting to emergency department for different radiological examination , both genders were composed ,57 were males and 45 were females , conventional x-ray and CT scan were obtained for them according to their status , as well as more than 91 patients have proper examination and 4 patients they have no proper exam in both males and females.

Study was correlated significantly with technique .

Computed tomography is modality of choice to detect traumatic injuries and is superior to routine x-ray.

الخلاصة

الهدف من هذه الدراسة تقييم دقة الأداء التقليدي في حالات الطوارئ بجانب الأشعة المقطعية في المرضى الذين يعانون الصدمة وتقييم ما إذا كان التصوير المقطعي في وقت مبكر يتفوق على التصوير الروتيني بالأشعة السينية في تشخيص جميع الحالات المصابة. وقد أجريت الدراسة

في قسم الأشعة في مستشفى الخرطوم ,مركز انطاليا و مستشفى رويال كير في الفترة من

مايو 2014 إلى ديسمبر 2014

مصاب تم نقلهم إلى قسم الطوارئ لإجراء الفحوصات الإشعاعية المختلفة 102

من الذكور و 45 من الإناث) من مختلف الأعمار بواسطة الأشعة السينية (57

والمقطعية وفقا لوضعهم . أكثر من 91 مرضا تم فحصهم بالطريقة السليمة و 4

. مرضى لم يقدم لهم الفحص السليم في كل من الذكور والإناث

. ارتبطت الدراسة بشكل كبير مع التقنية

أوضحت الدراسة أن التصوير المقطعي هو الطريقة المفضلة للكشف عن الإصابات

.ومتفوقة على الفحص الروتيني بالأشعة السينية

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