قال تعالى :

{فَتَعَالَى اللَّهُ الْمَلِكُ الْحَقُّ وَلَا تَعْجَلْ بِالْقُرْآنِ مِنْ قَبْلِ أَنْ يُقْضَى إِلَيْكَ وَحْيُهُ وَقُلْ رَبِّ زِدْنِي عِلْمًا}

طه 114

Abstract

This is a descriptive study which was conducted in different Khartoum hospitals and medical centers. And carried out during the period from August to November 2011, to Characterize Pancreatic Diseases by using Multidetectors Computed Tomography (MDCT).

Out of 25 patients, 12 were males(48%) and 13 were females(52%) , the commonest pancreatic disease was found to be cystic lesions =36%, the common pancreatic lesion site and size was found to be the head of the pancreas medium lesion which is + 3cm and - 6 cm = 36%, the most commonest pancreatic lesions were enhance the contrast was found to be tumor =16%, while the lesion not enhanced the contrast was found to be cystic lesion =36%.

ملخص البحث

هـذه دراسـه لوصـف أمـراض البنكريـاس باسـتخدام جهـاز الأشـعة المقطعية متعدد الكواشف اجريت بمستشـفيات الخرطـوم ومراكـز طبية مختلفة فى الفترة ما بين: أغسطس الى نوفمبر 2011 م.

من اجمـالى 25 مريـض، منهـم 12 ذكـور بنسـبة 48% و 13 انـاث بنسبة 52%، أكثر أمراض البنكرياس شـيوعا وجـدت هـى تقرحـات تكيسيه تعادل نسبة 36%. وحجم ومكان التقرح البنكرياسى الأكـثر شيوعا وجد أنه هو رأس البنكرياس بحجم متوسط يتراوح ما بيـن 3 الـى 6 سـنتيميترات، وعنـد اسـتخدام وسـيط تبـاين وجـد أن أكـثر التقرحات البنكرياسية شيوعا هى الورمية حيث يظهـر فيهـا التبـاين بنسبة 16%، بينما وجد أن التقرحات التى لايظهر فيهـا التبـاين هـى التقرحات التكيسية بنسبة 36%.

Contents

Dedication

To:

My family

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My teachers

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My friends

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And my colleagues who walked the path with me

Acknowledgement

I would like to transmit my unlimited thanks and respect to my teacher and supervisor Dr. Hussein Ahmed Hassan, I appreciate very much his patience, guidance and support.

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Abbreviations

3D	:	Three Dimension
CT	:	Computed Tomography
CTA	:	Computed Tomography Angiogram
ERCP	:	Endoscopic retrograde cholangiopancreatogram
MDCT	:	Multi Detectors Computed Tomography
MSCT	:	Multi Slice Computed Tomography
PTBD	:	percutaneous transhepatic biliary drainage
US	:	Ultrsonograpy