

Dedication

I dedicate this work to dearest people:

My father

My mother

My wife

With out their sustainable encouragement this research
would not come out to the existence.

Abd Alazeim

Acknowledgement

I would like to express my grateful thanks to my supervisor Mrs. Ekhlās Abd Elazeiz Hassan for her advice and persistent help through out the period of this study and Mr. Housien Ahmed Hassan for his great help.

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المخلص

ظهور ثقوب قاعدة الجمجمة بواسطة الأشعة المقطعية

تهدف هذه الدراسة الي تحديد الزوايا المختلفة لتوضيح ثقوب قاعدة الجمجمة.

احتوت الدراسة على طرق بحث باعداد قائمة تحتوى على ثقوب قاعدة الجمجمة والزوايا المختلفة التي تمت قراءة الثقوب بها . وقد امتدت فترة الدراسة منذ سبتمبر 2008م وحتى يونيو 2009م.

لا توجد دراسات سابقه تناولت موضوع البحث, ففي بعض الدوريات العلمية بالمواقع الالكترونيه هنالك دراسات تناقش نفس العنوان بأهداف وطرق بحث مختلفة.

أخذت عينات عشوائية (40) عينة وتمت قراءة ثقوب قاعدة الجمجمة من الشرائح الأولى للصور المقطعية لقاعدة الجمجمة بواسطة الباحث.

نخلص إلي أن معظم ثقوب قاعدة الجمجمة يتم اظهارها بالزاويا 9° & 8° .

أما ثقب الجمجمة الأكبر يظهر بوضوح في معظم الزوايا المختلفة.

English Abstract

This study is concerned with the review of different angles for performing CT scan examination to show the skull base foramina.

The study employed simple methodology including checklist to use different angles for all foramina in skull base.

The study was started from September 2008 until July 2009.

There is no previous study in CT scan studies which discussed this subject.

But some web sites journals published abstract discussed the same title, which has other objectives and different methodology.

Data from the first three or five slice of axial cuts of skull base are recorded for 40 patients.

From the recorded results tables and figures I found that angles 8° & 9° shows most foramina of the skull base.

The foramen magnum was shown very clearly in most angles.

List of abbreviation

abbreviation	meaning
I.A.M:	Internal Auditory Meatus
A.C.C:	Anterior Condylar Canal
C.A.T:	Computed Axial Tomography
C.T:	Computed Tomography
C.R.T:	Cathode Ray Tube
T.V:	Television
A.A.U:	Alzaeim Alazhari University
Pt:	Patients
kV:	Kilo Voltage
mA:	Milli ampere

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