

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ

قال تعالی

(الْحَمْدُ لِلّٰهِ رَبِّ الْعَالَمِیْنَ)

سور الفاتحة الآية)

(2)

(قَالُوا سُبْحٰنَكَ لَا عِلْمَ لَنَا اِلَّا مَا عَلَّمْتَنَا اِنَّكَ اَنْتَ الْعَلِیْمُ

الْحَكِیْم)

صدق الله العظيم

## Dedication

To the soul of my father and to kind  
mother because of all the wonderful  
things they do for me and sporting me  
.all the way

.To my sisters & brothers

To my dear teachers and colleagues in  
.college of medical Radiologic science

.For all of them indelicate this work

## Acknowledgement

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.and Medical imaging at AAU

### **Abstract**

The FS is the anterior groups of the PNS is composed of the Rt and Lt part separated by the .bony septum

This study showed the measuerment of Rt and Lt FS length, width& depth, skull length and width in .millimeter ,and compared with sample age

Also Rt, Lt FS length and width compared with .skull length and width

The study was started from September to December 2012. The study includes 89 patients' male59 and female30. Aged between 18-91years CTscan was done. Then use coronal and axial plane in the FS imaged.

CT scan has value in demonstration of the FS and  
.imaged

## ملخص الدراسة

توصيف الجيوب الأنفية الأمامية باستخدام الأشعة المقطعية

الجيوب الأنفية الأمامية تمثل المجموعة الأمامية من الجيوب الأنفية وتتكون  
من جذأين أيمن وأيسر يفصلهما حاجز عظمي.

هدفت الدراسة لقياس الطول, العرض والعمق للجيوب الأنفية الأمامية  
اليمني واليسري, إضافة لقياس طول وعرض الجمجمة ومقارنتها مع عمر

العينة المأخوذة، ومقارنة طول وعرض الجيوب الأنفية الأمامية اليمنى-  
واليسرى مع طول وعرض الجمجمة.

بدأت الدراسة في سبتمبر وإستمرت حتى ديسمبر للعام 2012, وتحتوي  
الدراسة علي 89 عينة عدد الذكور 59 بينما عدد الإناث 30, أعمارهم بين-  
18-91 سنة تم إستخدام مقطعين- تاجي ومحوري, وجدت الدراسة إن  
الأشعة المقطعية هي الأقيم لقياس وتصوير الجيوب الأنفية.

## List of abbreviation

A

Abscess

CT	Computed Tomography
PNS	Para nasal sinuses
FS	Frontal Sinuses
R	Right
Lt	Left
OMU	Osteomeatal unit
FSDP	Frontal sinuses drainage pathway
GE	General energy

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