



COURSE SPECIFICATION

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course:	Post graduate M D Neurosurgery
(2) Department offering the programme:	Neurosurgery
(3) Department responsible for teaching the course:	Neurosurgery
(4) Part of the programme:	Elective course
(5) Date of approval by the Department's council	13-5-2013
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title:	Innovative Skull Base Surgery
(8) Course code:	NSUR 632 ISBS
(9) Total teaching hours:	30
(10) Credit hours	2 hours

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows: (either to be written in items or as a paragraph)

1- Provide the candidate with the innovative skull base approaches to tackle complex skull base lesions.

(2) Intended Learning Outcomes (ILOs):

Intended learning outcomes (ILOs); Are four main categories: knowledge & understanding to be gained, intellectual qualities, professional/practical and transferable skills.

On successful completion of the course, the candidate will be able to:

A- Knowledge and Understanding

A1- Identify the pathology of different skull base lesions.

A2- Recognize the clinical presentation and diagnosis of complex skull base lesions.

A3- Recognize different surgical and non surgical lines of management of complex skull base lesions.

A4-Discuss complications of skull base surgery and how to avoid

A5-Outline minimally invasive techniques in management of skull base lesions

A6-outline indications of radiosurgery for skull base lesions

A7-Explain different techniques of skull base reconstruction

2- Intellectual activities:

The Postgraduate Degree provides opportunities for candidates to achieve and demonstrate the following intellectual qualities:

B- Intellectual skills

B1- Analyze different lines of management of skull base lesions.

(1) Course content:

المقررات الإختيارية

مقرر إختيارى واحد يشمل ١٥ محاضرة كل منها ساعتين

Credit hours = 2

Innovative Skull Base Surgery

Lectures:

- 1- Chondroma and chondrosarcoma.
- 2- Glomus tumors.
- 3- Neoplasms of the paranasal sinuses.
- 4- Esthesioneuroblastoma.
- 5- Juvenile nasal angiofibroma.
- 6- Osseous skull base tumors.
- 7- Skull base meningiomas.
- 8- Skull base schwannomas.
- 9- Sellar-suprasellar tumors..
- 10- Technical and instrumental facilities assisting skull base surgery.
- 11- Complications of skull base surgery, their avoidance and management.
- 12- Skull base reconstruction.

(4) Teaching methods:

- 4.1: Power point presentation.
- 4.2: Microteaching and self learning.

(5) Assessment methods:

- 5.1: Written exam. for assessment of A1, A2,A3,A4,A5 B1, B2.
- 5.2: MCQ exam. for assessment of A6, A7, B1, B2.B3

Assessment schedule:

- Written exam. 32 marks.
- MCQ exam. 8 marks.

(6) References of the course:

- 6.1: Textbook: Skull base surgery, Approaches to skull base lesion and pathological features of skull base lesions and surgical management.
- 6.2: Journals: Journal of Neurosurgery, Neurosurgery and skull base.
- 6.3: Websites: [www.neurosurgery on line .com](http://www.neurosurgeryonline.com)

(7) Facilities and resources mandatory for course completion:

- Lectures
- Library
- Internet
- Journal Club

Course coordinator: **PROF. DR. Nabil Mansour Ali**
 Prof. Dr. Mohamed Ali Kassem

Head of the department: **PROF. DR. Nabil Mansour Ali**

Date: 14-5-2016