TRANSNASAL ENDOSCOPIC SKULL BASE AND BRAIN SURGERY

COORDINATED BY:
Fausto Fernandes,
Francisco Moreira da Silva,
Jorge Correia-Pinto

Endoscopic skull base surgery has led to a growing interest to otolaryngologists and neurosurgeons. The endonasal approach has several advantages over conventional surgery because it provides excellent anatomical access to large number of intracranial lesions without the need for a skin incision, craniotomy or brain retraction. This allows a reduction in morbidity and mortality as well as a decrease in the time of hospitalization and costs.

Initially used for tumors of the pituitary; nowadays this approach is used to resect clival, olfactory cleft, sphenoid planum, petrous apex and infratemporal fossa lesions. It also allows the repair of congenital malformations and CSF leaks.
The aim of this course is to provide all participants a theoretical and practical learning of transnasal endoscopic skull base and brain surgery.

FRIDAY, 10TH JULY

SURGERY FOR SNORING AND OSAS

COORDINATED BY:
Fausto Fernandes,
Carlos Matos,
Jorge Correia-Pinto

Nowadays Snoring and OSAS are considerated a public health problem, not only because of their high frequency, morbidity and mortality but also due to the social and familiar impact on patient's life. The main etiology is the obstruction of the upper airway traject , of different levels (nose, nasopharynx, orofarynx and base tongue). In 70's the introduction of mechanic devices such as CPAP, other measures and sugery, has contribuided for a better approach.

In this cadaver course we pretend to do a revision on this subject.
In this sequence, this course from the University of Minho pretends, step-by-step, perform on cadaver the basic and most recent techniques for the different etiologies of snoring and OSAS.

SATURDAY, 11TH JULY

LABORATÓRIO DE INVESTIGAÇÃO EM CIÊNCIAS CIRÚRGICAS

PRICES (LIMITED REGISTRATION)

Fundamentals in Rhinoseptoplasty	500 €
Endoscopic Sinus Surgery	500 €
Transnasal Endoscopic Skull base and Brain Surgery	500 €
Surgery for Snoring and OSAS	500 €
Assist all Theoric Courses	120 €

CONTACTS

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TARGET GROUP: ENT SURGEONS / NEUROSURGERY SURGEONS
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AROUND THE NOSE

LABORATÓRIO DE INVESTIGAÇÃO EM CIÊNCIAS CIRÚRGICAS
ESCOLA DE CIÊNCIAS DA SAÚDE - BRAGA

COURSE COORDINATORS

Fausto Fernandes
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(CHAA - Guimarães)

INTERNATIONAL FACULTY

Aldo Stamm (BR)
Edilson Zancanella (BR)
Nestor Galindo (SP)
Xavier Galindo (SP)
Hugo Galera (SP)

SCIENTIFIC SPONSORS:

FUNDAMENTALS IN RHINO-SEPTOPLASTY

COORDINATED BY:
Fausto Fernandes,
Francisco Moreira da Silva,
Jorge Correia-Pinto

To become a sucessfull surgeon on Rhinoseptoplasty, it's very important to know the anatomy of the nose and the different technique one can use to perform this purpose. So it's our mission to make a revision of the anatomy and the different technique to perform this surgery in lectures. In cadaver dissection we are going to do step-by-step dissection. We focus on basics and advanced technique, such as external, closed and delivery aproaches. We will also demonstrate different nasal dissections, and how to resolve different rhinoplasty problems. It's also important to enhance surgical skills.

In this sequence, this course from University of Minho, is a very important opportunity for both the young and expert surgeons on this area. To earn how to perform a step-by-step rhinoseptoplasty in cadaveric dissection.

WEDNESDAY, 8TH JULY

ENDOSCOPIC SINUS SURGERY

COORDINATED BY:
Fausto Fernandes,
Francisco Moreira da Silva,
Jorge Correia-Pinto

Considered nowadays as gold standart for most of the rhinology procedures, the systematic technique of the nasal endoscopic exploration of the lateral wall was developed by Messerklinger in 1970. In the 80es, the nasossinusal endoscopic surgery became popular with Stammberger's works in Austria and Kennedy's in the USA. Its globalization in Otorhinolaringology was exponential because it allowed a better visualization on the intranasal structures, making this way possible a high surgical precision and a better hemorrhagic control. Moreover, the development of endoscopic surgical techniques allows opens way to complex surgeries, allowing, thus, the treatment of nasal tumors, CSF fistulas and intracranial tumors.

In this sequence, this course from University of Minho, proposes a advanced hands-on course in S. P. N. dissection and endoscopy surgery of the skull base, in order to provide its participants practical, an extensive hand-on training to learn - doing in cadaver.

THURSDAY, 9TH JULY

WEDNESDAY 8 JULY 2015

FUNDAMENTALS IN RHINOSEPTOPLASTY

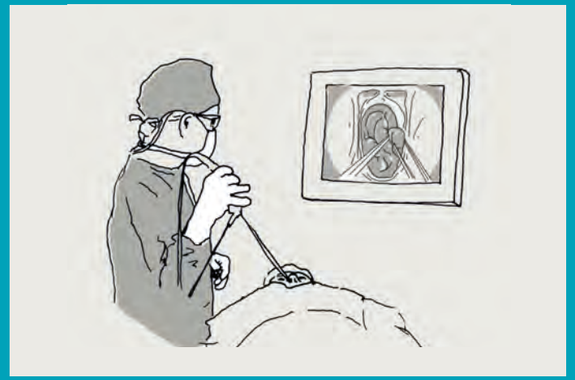
MORNING	Welcoming remarks
	Lecture 1: Surgical anatomy of the nose
	Lecture 2: Rhinoplasty analisis
	Lecture 3: Preoperative care of rhinoseptoplasty
	Lecture 4: Septoplasty
	Lecture 5: Approaches to the nose and why they were chosen
	Lecture 6: Closed rhinoplasty: step-by-step, pit falls and pearls
	Lecture 7: Primary external rhinoplasty
	Lecture 8: Delivery rhinoplasty
	Lecture 9: Osteotomies, grafts and surgery of tip
	Lecture 10: Management of the deviated, sadle and hump nose
	Lecture 11: Postoperative care of rhinoseptoplasty
	Lecture 12:Complications of rhinoseptoplasty
AFTERNOON	**Hands-on training**: cadaver dissection
	Demonstration of endonasal rhinoseptoplasty
	Demonstration of external rhinoseptoplasty

THURSDAY 9 JULY 2015

ENDOSCOPIC SINUS SURGERY

MORNING	Welcoming remarks
	Lecture 1: Anatomy and Radiological basis of rhino-sinus surgery
	Lecture 2: Systematization of endoscopic surgery
	Lecture 3: Endoscopic surgery of the nasal turbinates
	Lecture 4: Endoscopic approaches to the maxilar sinus
	Lecture 5: Endoscopic approaches to the ethmoidal sinus
	Lecture 6: Endoscopic approaches to the frontal sinus
	Lecture 7: Endoscopic approaches to the sphenoidal sinus
	Lecture 8: D.C.R. – Endonasal approach
	Lecture 9: Nose Bleeding – vascular ligation of epistaxis
AFTERNOON	**Hands-on training**: cadaver
	Sinus cadaver dissection

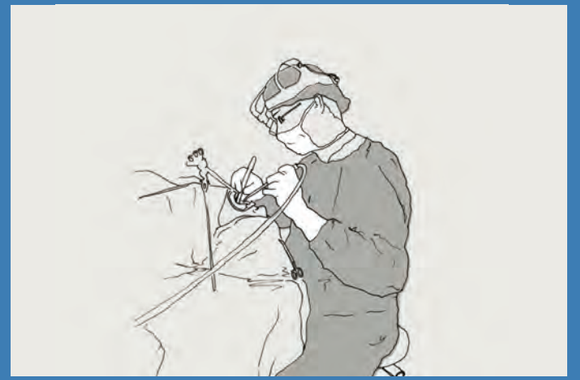
FRIDAY 10 JULY 2015



TRANSNASAL ENDOSCOPIC SKULL BASE AND BRAIN SURGERY

MORNING	Lecture 1: Orbital decompression
	Lecture 2: Optic nerve decompression
	Lecture 3: Correction of skull base cerebrospinal fluid leaks
	Lecture 4: Correction of mid-line congenital malformations (ex. Meningoencephalocele) - Endonasal approach versus conventional approach
	Lecture 5: Pterygomaxillary fossa (Pterygopalatine) approach
	Lecture 6: Infratemporal fossa approach
	Lecture 7: Pituitary approach
	Lecture 8: Anterior cranial fossa approach
AFTERNOON	**Hands-on training**: cadaver - Transnasal Endoscopic Skull base and Brain Surgery

SATURDAY 11 JULY 2015



SURGERY FOR SNORING AND OSAS

MORNING	Welcoming remarks
	Lecture 1: Anatomy of upper airway
	Lecture 2: Diagnosis of Snoring and OSAS
	Lecture 3: Indications for Snoring and OSAS surgery
	Lecture 4: Systematic surgical technique to treatment of Snoring and OSAS
	Lecture 5: Septoplasty
	Lecture 6:Turbinectomy
	Lecture 7: Palatoplasty
	Lecture 8: Palatine bone advancement
	Lecture 9: Palatopharyngeal muscle advancement
	Lecture 10: Genioglossus muscle advancement
	Lecture 11: Tongue basis surgery
	Lecture 12: Hyoid bone suspension
	Lecture 13: Posoperative care
AFTERNOON	**Hands-on training:** cadaver Palatoplasty • Palatine bone advancement • Palatopharyngeal muscle advancement • Genioglossus muscle advancement Tongue basis surgery • Hyoid bone suspension