

**5th BIENNIAL
"INTERNATIONAL MILANO MASTERCLASS"**

Milano, Italy • March 27-31, 2009

Directors

Paolo CASTELNUOVO, MD • Pietro PALMA, MD



"THE QUEST OF EXCELLENCE"

FINAL OPERATIVE PROGRAMME

Segment # 1

**SINONASAL & SKULL BASE
ENDOSCOPIC SURGERY**

March 27-29, 2009

Segment Director

Paolo CASTELNUOVO, MD

WEBSITE

www.milanomasterclass.it

Segment # 1
**SINONASAL & SKULL BASE
ENDOSCOPIC SURGERY**

March 27-29, 2009

Segment Director
Paolo CASTELNUOVO, MD

Friday, March 27, 2009

7.45 - Welcome. Introductory remarks.

Masterclass format and learning objectives.

Palma - Castelnuovo

8.00 – 11.00: MASTERS' SEMINAR #1

Try this at home, don't try this at home. How junior surgeons may improve sinus/skull base surgery outcomes and prevent complications.

Chairman: Lorenzo Pignataro

Facilitator: Heinz Stammberger

1. Neurovascular complications during ESS: How to avoid them (when you can) and how to treat them (when you could not)?

**Carrau
Braun**

2. Ten perils for the novice: How CT scan can help you.

3. All around the frontal sinus: what you need to know to stay safe and effective.

**Castelnuovo
Schick - Bossolesi**

4. Balloon Sinuplasty: Facts and fictions.

5. Frontal sinus type III drainage . - Is it really that difficult?

Draf

6. Draf III procedures: what determines their outcomes?

Fokkens

7. Endoscopic approaches to the sphenoid sinus: Anatomical landmarks and surgical tricks.

Nicolai

8. Preventing and managing bleeding pre-, intra- and postoperatively.

**Stammberger
Stamm**

9. Endoscopic anatomy of the skull base and its surgical applications.

Q&A

11.00 – 11.30 / Coffee Break

11.30 – 13.15: MASTERS' SEMINAR #2

Orbit: 1-, 2-, or 3-wall decompression?

Chairman: Alberto Dragonetti

Facilitator: Hannes Braun

1. Problems at the sino-orbital interface. Avoidance and management.

**Castelnuovo
Stammberger - Mokry
Sellari Franceschini**

2. Endoorbital lesions: Endoscopic approaches and limits.

3. Which approach for orbital decompression?

4. Balanced orbital decompression: Optimizing your outcome.

Carrau

5. Exophthalmos management: rationale, techniques, outcomes.

Pasquini -

Farneti

6. 360-degree management of the orbit using combined endoscopic and open corridors for complete intra- and extraconal access.

Kassam

Q&A

13.15 – 14.30 / Buffet lunch

14.30 – 14.45: KEYNOTE LECTURE

Chairman: Nicolai

“Anyone can be a skull base surgeon... with the right training”: A systematic approach to endonasal skull base surgery.

Snyderman

14.45 – 16.30: MASTERS' SEMINAR #3

Completely endoscopic endonasal approach to malignant and non-malignant lesions of the rhinopharynx: Sometimes, always, or never.

Chairman: Ezio Colombo

Facilitator: Ricardo Carrau

1. Endoscopic anatomy of rhinopharynx and infratemporal fossa: How far can you go?

Dallan

2. Endoscopic trans-pterygoid approach for the resection of very selected nasopharyngeal malignancies.

Carrau

3. Endoscopic endonasal approach to rhinopharyngeal lesions: what's available and what's to come.

Castelnuovo

4. Bleeding as the major problem during endonasal nasopharyngeal and clivus surgery. How to avoid, how to stop?

Draf

5. Failures of endoscopic approaches to transdural lesions: Are we over-estimating our potential?

Mokry

Q&A

16.30 – 17.00 / Coffee Break

17.00 – 19.00: MASTERS' SEMINAR #4

Benign tumours and JNA. Key concepts for less invasive operative modalities.

Chairmen: Mario Bussi, Marco Benazzo

Facilitator: Aldo Stamm

1. Osteomas. When to choose which approach?

Draf

2. Osteoma and fibro-osseous lesions: endoscope or not?

Stammberger

3. Endoscopic management of rare benign tumours: where to do what and what to do where.

Delù

4. Juvenile angiofibromas. Changing surgical concepts and predictors of success.

Schick

5. Endoscopic and endoscopic-assisted surgery of juvenile angiofibromas.

Carrau

6. Expanded endonasal approach for resection of huge JNAs.

Nicolai - Tomenzoli

7. “Is it operable?": Surgical management of giant angiofibromas with intracranial extension.

Snyderman

Q&A

Saturday, March 28, 2009

7.45 – 10.30: MASTERS' SEMINAR #5

Pediatric endoscopic sinonasal/skull base surgery. Situations and solutions.

Chairmen: Renato Gaini, Francesco Ottaviani

Facilitator: Wytse Fokkens

1. The safest way to treat endoscopically the most common presenting inflammatory lesions.

Delù

2. Management of orbital complications due to acute sinusitis.

Braun

3. Endoscopic management of bilateral choanal atresia.

Stammerberger

4. Is there a difference in strategy between paediatric skull base surgery and the one in adults?

Draf

5. Endoscopic management of paediatric benign tumours.

Castelnuovo

6. Endoscopic repair of meningoceles and meningoencephaloceles in paediatric population.

Bignami

7. Big problems in little noses: Endonasal skull base surgery in the paediatric patient.

Snyderman

8. How to get in and out of a really, really small nose and take out a really, really big tumor.

Kassam

Q&A

10.30 – 11.00 / Coffee Break

11.00 – 13.00: MASTERS' SEMINAR #6

Don't hang loose: The newest in endoscopic duraplasty.

Chairmen: Sergio Maria Gaini, Giovanni Felisati

Facilitator: Davide Locatelli

1. Endoscopic duraplasty: time for standards - The Graz results.

Stammerberger

2. Endoscopic duraplasty in skull base defects related to malformations. Rationale, techniques, results.

Schick

3. Skull base reconstruction: our philosophy and technique.

Pasquini - Farneti

4. Endoscopic duraplasty of anterior and middle cranial fossa: What I no longer do and why.

Castelnuovo

5. Endonasal pedicled vascularized flaps: How to take care of those scary defects once and for all.

Carrau

6. Pericranial flap reconstruction of the ventral skull base (without a craniotomy).

Snyderman

7. Sellar floor reconstruction.

Locatelli

8. Endonasal reconstruction of the anterior skull base after large tumors removal.

Nicolai

Q&A

13.00 – 14.30 / Buffet lunch

14.30 – 15.00 FOCUS ON “ENDOSCOPIC SURGICAL ANATOMY”

Chairman: Castelnuovo

3-D comprehensive anatomy around the clivus: transclival, transforamen magnum and supraorbital approaches. **Tschabitscher**

15.00 - 17.00: MASTERS' SEMINAR #7

Endoscopic treatment of sino-nasal malignancies: Where do we stand?

Chairman: Piero Nicolai

Facilitator: Wolfgang Draf

1. Always or never ? - Where is the compromise? **Draf**
2. Endonasal endoscopic craniectomy: the cutting edge techniques. **Castelnuovo**
3. Endoscopic resection of tumors invading the anterior skull base: sequential layered resection. **Carrau**
4. Oncological outcomes of endonasal and combined surgery for sinonasal malignancies. **Nicolai**
5. Endoscopy and sinonasal malignancies: olfactory neuroblastoma revisited. **Stammlinger - Mokry**
6. Does endoscopic resection of olfactory neuroblastoma violate oncological principles? **Snyderman**
7. Endoscopic transnasal craniectomy and the resection of esthesioneuroblastomas. **Stamm**

Q&A

17.00 – 17.30 / Coffee Break

17.30 – 19.00: MASTERS' SEMINAR #8

Sellar and parasellar lesions: Things you didn't know you could do just few years ago.

Chairmen: Pietro Mortini, Giorgio Frank

Facilitator: Carl Snyderman

1. Tips and pearls in pituitary surgery. **Stamm**
2. Anatomic considerations in managing complex parasellar pathology. **Kassam**
3. Sellar & parasellar lesions: how I learned to „dance“ with the neurosurgeon. **Braun**
4. What I learned in ten years of endoscopic endonasal surgery of the cavernous sinus. **Frank - Pasquini**
5. Diving surgery: how to fight poor visibility. **Locatelli**
6. Endoscopic trans-sphenoidal extended approaches. **Tomei**

Q&A

21.00: GALA DINNER

Venue: Museo Diocesano – Corso di Porta Ticinese, 15 - Milano

Shuttle buses will leave from Hotel Melià at 20:15

Sunday, March 29, 2009

7.45 – 8.45: Selected Speakers Session

Chairman: Matteo Richichi

Facilitator: Wolfgang Draf

Speakers:

Carena, Pagella, Emanuelli, Canevari, Padoan, De Bernardi, Sberze, Gera, Verucchi

8.45 – 9.15: KEYNOTE LECTURE

Chairman: Castelnovo

The first decade of endoscopic skull base surgery. Personal experience in 1,001 patients: outcomes, complications and results.

Kassam

9.15 – 9.45 / Coffee Break

9.45 – 11.45: MASTERS' SEMINAR #9

Corridors to the posterior cranial fossa. Candid comments on current and future options.

Chairmen: Giustino Tomei, Paolo Cappabianca

Facilitator: Amin Kassam

1. Anatomy and surgery of the endoscopic approach to the clival region. **Cappabianca**
2. Endoscopic endonasal skull base surgery. When tumor spreading shows the way. **Frank - Pasquini**
3. The endoscopic trans-pterygoid approach to the parasellar region. **Locatelli**
4. The endoscopic trans-pterygoid approach: gateway to the lateral skull base. **Castelnovo**
5. Endoscopic resection of the dens. **Mokry - Stammberger**
6. Endoscopic approaches to the foramen magnum and upper cervical spine: How to impress your friends. **Carrau**
7. It's all about the carotid, the paramedian, coronal plane and lateral extensions: A modular classification. **Kassam**

Q&A

11.45: TAKING HOME PEARLS

The most frightening complications I had to treat in the last 2 years.

Chairman: Paolo Castelnovo

Facilitator: Heinz Stammberger

Short clinical cases – Videoclips from Faculty

(complications of endoscopic rhinoneurosurgery, complications of the endoscopic sinus surgery, crisis in operating room...)

Q&A

12.45: CLOSING REMARKS

Good-bye to the 6th International Milano Masterclass 2011

Castelnovo

2nd SEGMENT "RHINOPLASTY" TO FOLLOW

5th BIENNIAL "INTERNATIONAL MILAN MASTERCLASS"

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SEGMENT # 1

International Faculty

Hannes **BRAUN** (A); Ricardo **CARRAU** (USA); Wolfgang **DRAF** (D);
Wyske **FOKKENS** (NL); Amin **KASSAM** (USA); Michael **MOKRY** (A);
Bernhard **SCHICK** (D); Carl **SNYDERMAN** (USA); Aldo **STAMM** (BR);
Heinz **STAMMBERGER** (A); Manfred **TSCHABITSCHER** (A)

Local Faculty

Maurizio **BIGNAMI**, Paolo **BOSSOLESI**, Rikki **CANEVARI**,
Paolo **CAPPABIANCA**, Paolo **CARENA**, Jacopo **DALLAN**,
Giovanni **DELU'**, Enzo **EMANUELLI**, Giovanni **FARNETI**, Giorgio **FRANK**,
Piero **NICOLAI**, Giovanni **PADOAN**, Fabio **PAGELLA**, Ernesto **PASQUINI**,
Stefano **SELLARI FRANCESCHINI**, Giustino **TOMEI**, Davide **TOMENZOLI**

UNDER THE AUSPICES

- International Federation of Facial Plastic Surgery Societies (IFFPSS) • European Academy of Facial Plastic Surgery (EAFPS) • European Rhinologic Society (ERS) • Italian ORL Society of Facial Plastic Surgery • Università dell'Insubria Varese
- Azienda Ospedaliera–Universitaria Ospedale di Circolo "Fondazione Macchi", Varese

SCIENTIFIC SECRETARIAT

F. De Bernardi, F. Sberze, A. Pistochini, C. Cambria, F. Simoncello, P. Battaglia,
I. Ermoli, P. Terranova

SECRETARIAT

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