



International Workshop



# TRANSORAL MINI-INVASIVE SURGERY IN HEAD AND NECK CANCER

**TOUSS**

TransOral UltraSonic  
Surgery

**TORS**

TransOral Robotic  
Surgery

**TLM**

Transoral Laser  
Microsurgery

**TRS**

Transoral Radiofrequency  
Surgery

President  
GIANCARLO TIRELLI

15<sup>th</sup> - 16<sup>th</sup> - 17<sup>th</sup> March 2018  
TRIESTE (ITALY)

*Dear Colleagues and Friends,*

*I'm welcoming you to the first European "International Workshop on Transoral Mini-Invasive Surgery in Head and Neck Cancer".*

*I believe that Transoral Mini-invasive Surgery should soon become the most desirable aim for H&N surgeons, if not already done. Our new scientific challenge is to achieve oncologic radicality maintaining a high quality of life with short-term hospitalization and low rate of complications. I'm pleased to gather in Trieste the highest European representatives of this new operative philosophy. One of the American pioneers of this surgical technique is our special guest Richard Hayden, who has been carrying on this methodology at the Mayo Clinic in Phoenix (Arizona, USA) for a long time.*

*The scientific program offers experts' lectures, videos and peculiar oral communications to enrich the professional experience of senior participants and to introduce younger specialists and residents to the mini-invasive surgery principles.*

*In addition to the attractive scientific program, I hope that the urban context will warmly welcome you. Trieste offers a melting of mitteleuropean cultures.*

*Let's meet in Trieste, your presence is a key part of the workshop's success.*

*I look forward to meeting all of you at the congress.*

*With kind regard*

*Giancarlo Tirelli*



## Goal:

The aim of the present workshop is to transfer to the participants the experience on endoscopic/microscopic resections of malignant head and neck cancers, by lectures, videos and round tables. The following topics will be discussed: **TLM trans oral laser microsurgery, TORS trans oral robotic surgery, TOUSS trans oral ultrasonic surgery, and TRS trans oral radiofrequency surgery.** All these surgical methods share a mini invasive approach compared to the classical open surgery. Mini invasive approaches should ensure a better quality of life with the same survival rates.

## Topics:

- inside-out anatomy in the upper aerodigestive tract
- mini invasive surgery philosophy
- optical imaging (narrow band imaging, autofluorescence, image 1S, Vitom 3D)
- transoral approach vs open approach: surgical indications compared
- superficial resection margins' evaluation
- deep resection margins' evaluation
- histopathologic analysis in piecemeal resection
- surgical instrumentations
- CO<sub>2</sub> laser technology: wave guide laser with flexible fiber vs laser with micromanipulator
- piezoelectric, ultrasounds and radiofrequency technologies
- microscopic vs endoscopic resections
- reconstructions after transoral approaches
- prophylaxis and post operative medical therapy
- flexible robotic surgery
- Da Vinci robotic surgery
- robotic cochlear implantation
- patients' selection
- functional evaluation
- quality of life evaluation
- intra and post operative complications
- adjuvant radiotherapy and chemotherapy
- multidisciplinary board
- health technology assessment

## Cancers:

- transoral surgery in oral cavity cancers
- transoral surgery in base of tongue cancers
- transoral surgery in lateral and posterior mesopharyngeal cancers
- transoral surgery in supraglottic cancers
- transoral surgery in glottic cancers
- transoral surgery in advanced laryngeal cancers
- transoral surgery in hypopharyngeal cancers

Residents  
session

# THURSDAY, MARCH 15<sup>th</sup> 2018

14:00 REGISTRATION

**BASICS OF TRANSORAL SURGERY** Moderators: *SPINATO Roberto, HAYDEN Richard*

- 14:30 Transoral mini-invasive surgery philosophy: what does it mean? *Boscolo Nata Francesca*
- 14:40 Transoral surgery indications in head and neck cancers *Gatto Annalisa*
- 14:50 Instruments and predictors of good exposure in transoral surgery *Spinato Giacomo*
- 15:00 Instruments thermal damage on surgical margins *Quatela Eliana  
Gardenal Nicoletta*
- 15:10 Intra and postoperative complications *Bonini Pierluigi*
- 15:20 Medical therapy and perioperative care *Longoni Valentina*

**EARLY DIAGNOSIS AND FOLLOW UP** Moderators: *LEONE Carlo Antonio, PIEMONTE Marco*

- 15:30 NBI utility in the pre and postoperative assessment of oral and oropharyngeal carcinoma *Boscolo Nata Francesca*
- 15:40 Enhanced contact endoscopy and autofluorescence *Puxeddu Roberto*
- 15:50 Survival, quality of life and costs in transoral surgery *Tofanelli Margherita*
- 16:10 DISCUSSION

**SURGICAL ANATOMY & HISTOPATHOLOGY** Moderators: *DANESI Giovanni, PERETTI Giorgio*

16:20 **COURSE: Inside-out surgical anatomy oral cavity pharynx larynx** *Succo Giovanni*

16:50 *coffee break*

17:10 **COURSE: Surgeon-pathologist interaction in the intraoperative diagnosis** *Benazzo Marco  
Morbini Patrizia*

17:40 DISCUSSION

**PARAPHARYNGEAL SPACE TUMORS** Moderators: *VICINI Claudio, TONOLI Giovanni*

- 17:50 Concerns about parapharyngeal space and transoral approach *Danesi Giovanni*
- 18:05 Transoral vs open approach: indications and contraindications *Marchioni Daniele*
- 18:20 From transmandibular to transoral robotic approach parapharyngeal space tumors *Ansarin Mohssen*
- 18:30 DISCUSSION

18:40 **RESIDENTS' COMMUNICATIONS AND VIDEO SESSION**  
Moderators: *BONINI Pierluigi, GATTO Annalisa*

19:30 *Conclusions*

# FRIDAY, MARCH 16<sup>th</sup> 2018

## LASER SURGERY Moderators: *SPECIALE Riccardo, NICOLAI Piero*

- 8:30 Wave guided CO<sub>2</sub> laser *Piovesana Marco*
- 8:45 Tips and tricks in transoral laser microsurgery *Puxeddu Roberto*
- 9:00 Laser-assisted surgery of the upper aerodigestive tract: nomenclature clarification *Remacle Marc*
- 9:10 Novel dissection station for endolaryngeal microsurgery and laser surgery: development and dissection course experience *Presutti Livio*
- 9:20 **DISCUSSION**

## PLASTIC SURGERY Moderators: *TIRELLI Giancarlo, LEEMANS René*

- 9:30 **LECTIO MAGISTRALIS: from microvascular to locoregional flaps: evolution or regression?** *Hayden Richard*
- 10:10 Transoral free-flap reconstruction *Arnež Zoran Marij*
- 10:25 Local vs free flap transoral reconstruction *Almadori Giovanni  
Paludetti Gaetano*
- 10:35 **DISCUSSION**

10:45 **GREETINGS FROM AUTHORITIES**

11:00 *coffee break*

## RADIOTHERAPY & NODAL METASTASIS Moderators: *MARTINI Alessandro, DE VINCENTIIS Marco*

- 11:20 Criteria for dose de-escalation of adjuvant radiotherapy in oropharyngeal cancer *Franchin Giovanni*
- 11:35 **LECTIO MAGISTRALIS: Neck management in transoral surgery** *Spriano Giuseppe*
- 12:00 **DISCUSSION**

## TORS Moderators: *SERRA Agostino, PALUDETTI Gaetano*

- 12:10 When to use transoral robotic surgery (TORS) in head and neck cancer *Spriano Giuseppe*
- 12:25 TORS in TX & TORS and NBI *Vicini Claudio*
- 12:45 Robotic cochlear implantation *Presutti Livio*
- 12:55 **LECTIO MAGISTRALIS AND VIDEOSSESSION: Future of TORS: flexible robotic surgery** *Remacle Marc*
- 13:15 **DISCUSSION**

13:30 *Light lunch*

# FRIDAY, MARCH 16<sup>th</sup> 2018

## ORAL CAVITY CANCER Moderators: *MOTTA Gaetano, MARCHIONI Daniele*

- |       |  |   |
|-------|--|---|
| 14:30 | Transoral vs open approach in oral cancer: comparing surgical indications    | <i>Tirelli Giancarlo</i>                          |
| 14:40 | Piezosurgery and maxillary resection in transoral surgery                    | <i>Marcuzzo Alberto Vito</i>                      |
| 14:50 | Superficial and deep margins control: NBI evaluation and piecemeal resection | <i>Boscolo Nata Francesca<br/>Piovesana Marco</i> |
| 15:05 | TNM staging system - 8th edition: what's new?                                | <i>Benazzo Marco</i>                              |
| 15:15 | Submental flap in oral reconstruction: oncologic safety                      | <i>Hayden Richard</i>                             |
| 15:25 | Transoral microvascular reconstruction by video-assisted 3D system           | <i>Succo Giovanni</i>                             |
| 15:35 | Transoral corridor to the lower clivus and masticatory space                 | <i>Castelnuovo Paolo<br/>Bignami Maurizio</i>     |
| 15:50 | <b>DISCUSSION</b>  |   |

16:00 *coffee break*

## OROPHARYNGEAL CANCER Moderators: *NICOLAI Piero, ANSARIN Mohssen*

- |       |   |  |
|-------|---|--|
| 16:20 | Oropharyngeal cancer: the role of transoral surgery   | <i>Hayden Richard</i>                  |
| 16:35 | Transoral laser microsurgery for locally advanced oropharyngeal cancer                                | <i>Fernandez y Fernandez<br/>Mario</i> |
| 16:50 | TNM staging system - 8th edition: what's new?   | <i>Benazzo Marco</i>                   |
| 17:00 | Transoral robotic surgery for base of tongue neoplasms  | <i>Remacle Marc</i>                    |
| 17:15 | Optimizing outcomes in robotic resection of oropharyngeal cancer                                      | <i>Singh Bhuvanesh</i>                 |
| 17:30 | <b>LECTIO MAGISTRALIS: De-intensification of treatment in oropharyngeal cancer: are we there yet?</b> | <i>Leemans René</i>                    |
| 17:50 | <b>DISCUSSION</b>   |  |

## 18:00 RESIDENTS' COMMUNICATIONS AND VIDEO SESSION Moderators: *BONINI Pierluigi, GATTO Annalisa*

19:30 *Conclusions*

20:30 **Social dinner**



## SATURDAY, MARCH 17<sup>th</sup> 2018

### LARYNGEAL CANCER Moderators: *DE VINCENTIIS Marco, SUCCO Giovanni*

|       |  |  |
|-------|--|--|
| 8:30  | Larynx TNM: surgical considerations  | <i>Peretti Giorgio</i>                 |
| 8:40  | Transoral laser surgery for T1-T2: critical issues and pitfalls  | <i>Peretti Giorgio</i>                 |
| 8:55  | Treatment of the anterior commissure   | <i>Puxeddu Roberto</i>                 |
| 9:05  | Salvage surgery after radiotherapy failure in T1-T2 glottic carcinoma: the role of CO <sub>2</sub> laser | <i>Puxeddu Roberto</i>                 |
| 9:15  | Transoral laser microsurgery for locally advanced (T3-T4a) supraglottic squamous cell carcinoma          | <i>Vilaseca Isabel</i>                 |
| 9:30  | TORS vs TLM in supraglottic cancer   | <i>Ansarin Mohssen</i>                 |
| 9:40  | Long-term quality of life after TLM for laryngeal carcinoma  | <i>Vilaseca Isabel</i>                 |
| 9:50  | <b>LECTIO MAGISTRALIS AND VIDEO SESSION:<br/>Transoral ultrasonic total laryngectomy</b>                 | <i>Fernandez y Fernandez<br/>Mario</i> |
| 10:20 | <b>DISCUSSION</b>  |  |

10:30 *coffee break*

### FOCUS ON T3 LARYNGEAL CANCER TREATMENT Moderators: *PRESUTTI Livio, VILASECA Isabel*

|       |   |  |
|-------|---|--|
| 10:50 | T3 TOUSS-TLM: results   | <i>Piazza Cesare</i>   |
| 11:00 | T3 Organ preservation: results  | <i>Alterio Daniela</i>   |
| 11:10 | T3 Open surgery: results  | <i>Rizzotto Giuseppe</i>                                       |
| 11:20 | <b>ROUND TABLE: transoral VS open surgery VS organ preservation<br/>in T3 laryngeal cancer</b><br>Discussants: <i>Nicolai Piero, Franchin Giovanni, Vilaseca Isabel</i>             | <i>Rizzotto Giuseppe<br/>Alterio Daniela<br/>Piazza Cesare</i> |
| 12:00 | Oncologic results of the surgical salvage of recurrent laryngeal squamous cell carcinoma in a multicentric retrospective series: emerging role of supracricoid partial laryngectomy | <i>de Vincentiis Marco</i>                                     |
| 12:10 | <b>DISCUSSION</b>   |  |

### HYPOPHARYNGEAL CANCER Moderators: *PALUDETTI Gaetano, PIAZZA Cesare*

|       |   |  |
|-------|---|--|
| 12:20 | <b>LECTIO MAGISTRALIS AND VIDEO SESSION: transoral endoscopic ultrasonic surgery for hypopharyngeal carcinoma</b> | <i>Fernandez y Fernandez<br/>Mario</i> |
| 12:50 | Complications in TLM for laryngeal and hypopharyngeal carcinoma   | <i>Vilaseca Isabel</i>                 |
| 13:00 | <b>DISCUSSION</b>   |  |

13:10 **Test ECM - Best residents' communication/video award**

13:30 **End of the workshop**

# FACULTY

## International Faculty

- Mario M. Fernandez y Fernandez, ENT Clinic, *Hospital Universitario del Henares*, Madrid, Spain
- Richard E. Hayden, ENT Clinic, *Mayo Clinic*, Phoenix, Arizona, USA
- René Leemans, ENT Clinic, *VU University Medical Center*, Amsterdam, Netherlands
- Marc Remacle, ENT Clinic, *CHL-Eich Centre Hospitalier de Luxembourg*, Luxemburg
- Bhuvanesh Singh, ENT Clinic, *Memorial Sloan Kettering Cancer Center*, New York, USA
- Isabel Vilaseca, ENT Clinic, *Hospital Clínic de Barcelona*, Spain

## National Faculty

- Giovanni Almadori, Clinica ORL, *Policlinico Universitario A. Gemelli*, Roma
- Daniela Alterio, UO Radioterapia, *IEO - Istituto Europeo di Oncologia*, Milano
- Mohssen Ansarin, UO ORL, *IEO - Istituto Europeo di Oncologia*, Milano
- Zoran Arnez, Chirurgia Plastica, *Azienda Sanitaria Universitaria Integrata*, Trieste
- Marco Benazzo, Clinica ORL, *Policlinico San Matteo - Fondazione IRCCS*, Pavia
- Maurizio Bignami, Clinica ORL, *Ospedale di Circolo Fondazione Macchi*, Varese
- Pierluigi Bonini, Clinica ORL, *Azienda Sanitaria Universitaria Integrata*, Trieste
- Paolo Castelnuovo, Clinica ORL, *Ospedale di Circolo Fondazione Macchi*, Varese
- Giovanni Danesi, UO ORL, *Azienda Ospedaliera Papa Giovanni XXIII*, Bergamo
- Marco de Vincentiis, Clinica ORL, *Azienda Ospedaliera Universitaria Policlinico Umberto I*, Roma
- Giovanni Franchin, Dipartimento di Radioterapia, *Centro di Riferimento Oncologico*, Aviano (PN)
- Annalisa Gatto, Clinica ORL, *Azienda Sanitaria Universitaria Integrata*, Trieste
- Carlo Antonio Leone, UO ORL, *Ospedali dei Colli - Monaldi*, Napoli
- Daniele Marchioni, Clinica ORL, *Azienda Ospedaliera Universitaria Integrata - Borgo Trento*, Verona
- Alessandro Martini, Clinica ORL, *Azienda Ospedaliero-Universitaria*, Padova
- Francesco Mattioli, Clinica ORL, *Azienda Ospedaliero-Universitaria*, Modena
- Patrizia Morbini, Clinica ORL, *Policlinico San Matteo - Fondazione IRCCS*, Pavia
- Gaetano Motta, Clinica ORL, *Seconda Università degli Studi di Napoli*, Napoli
- Piero Nicolai, Clinica ORL, *Azienda Ospedaliera Spedali Civili*, Brescia
- Gaetano Paludetti, Clinica ORL, *Policlinico Universitario A. Gemelli*, Roma
- Giorgio Peretti, Clinica ORL, *Ospedale Policlinico Universitario San Martino*, Genova
- Cesare Piazza, Clinica ORL, *Fondazione IRCCS Istituto Nazionale dei Tumori*, Milano
- Marco Piemonte, Clinica ORL, *Azienda Sanitaria Universitaria Integrata*, Udine
- Marco Piovesana, Clinica ORL, *Azienda Sanitaria Universitaria Integrata*, Trieste
- Livio Presutti, Clinica ORL, *Azienda Ospedaliero-Universitaria*, Modena
- Roberto Puxeddu, Clinica ORL, *Azienda Ospedaliero-Universitaria*, Cagliari
- Giuseppe Rizzotto, UO ORL, *Ospedale di Vittorio Veneto*, Vittorio Veneto (TV)
- Agostino Serra, Clinica ORL, *Azienda Ospedaliero-Universitaria "Policlinico Vittorio Emanuele"*, Catania
- Giacomo Spinato, UO ORL, *Ospedale Santa Maria della Misericordia*, Rovigo
- Roberto Spinato, UO ORL, *Ospedale dell'Angelo*, Mestre (VE)
- Riccardo Speciale, Clinica ORL, *Policlinico universitario*, Palermo
- Giuseppe Spriano, UO ORL, *Istituto Nazionale Tumori "Regina Elena"*, Roma
- Giovanni Succo, UO ORL, *Istituto di Candiolo - IRCCS*, Torino
- Giancarlo Tirelli, Clinica ORL, *Azienda Sanitaria Universitaria Integrata*, Trieste
- Giovanni Tonoli, UO ORL, *Ospedale Santa Maria della Misericordia*, Rovigo
- Claudio Vicini, UO ORL, *Ospedale G.B.Morgagni - L.Pierantoni*, Forlì

## Residents Faculty

- Francesca Boscolo Nata, Clinica ORL, *Azienda Sanitaria Universitaria Integrata*, Trieste
- Nicoletta Gardenal, Clinica ORL, *Azienda Sanitaria Universitaria Integrata*, Trieste
- Valentina Longoni, Clinica ORL, *Azienda Sanitaria Universitaria Integrata*, Trieste
- Alberto Vito Marcuzzo, Clinica ORL, *Azienda Sanitaria Universitaria Integrata*, Trieste
- Eliana Quatela, Clinica ORL, *Azienda Sanitaria Universitaria Integrata*, Trieste
- Margherita Tofanelli, Clinica ORL, *Azienda Sanitaria Universitaria Integrata*, Trieste

# INFORMATION

## REGISTRATION FEES:

- |  |  |              |
|--|--|--------------|
| ✓ PARTICIPANTS:  | Euro 400,00 within January 31st, 2018*   |              |
|  | Euro 500,00 after January 31st, 2018*  |              |
| ✓ PARTICIPANTS SVO members:                                | Euro 350,00 within January 31st, 2018*   |              |
|  | Euro 450,00 after January 31st, 2018*  |              |
| ✓ RESIDENTS and STUDENTS:                                  | Euro 100,00 within January 31st, 2018**  | Euro 150,00* |
|  | Euro 150,00 after January 31st, 2018**   | Euro 200,00* |
|  | [certificate to be presented at the moment of registration]<br>(first 10 registrations are free) |              |
| ✓ SPEECH THERAPISTS, NURSES<br>and AUDIOMETRIC TECHNICIANS | Euro 100,00 within January 31st, 2018**  | Euro 150,00* |
|  | Euro 150,00 after January 31st, 2018**   | Euro 200,00* |

\* Social dinner included

\*\* Social dinner NOT included

Social dinner for accompanying person: 80 Euro

## Registration Includes:

- ✓ Congressual kit
- ✓ Admission to scientific sessions
- ✓ Certificate of attendance and accreditation
- ✓ Coffee breaks and lunch (*Friday*)
- ✓ Hands-on session: laser-microsurgery and new technologies lab for all registrant categories
- ✓ Social dinner (*March 16<sup>th</sup>, 2018*) if included

A **PERMANENT LAB** WITH MICROSCOPES, LASERS AND NEW TECHNOLOGIES FOR PARTICIPANTS TRAINING WILL BE AVAILABLE FOR ALL THE DURATION OF THE WORKSHOP (TUTORED).

SLIDES MUST BE WRITTEN IN ENGLISH.

IT WILL BE AVAILABLE A SIMULTANEOUS TRANSLATION ENGLISH-ITALIAN.

## RESIDENTS SESSION:

Submission deadline: 15<sup>th</sup> February 2018.

- **ABSTRACT SUBMISSION** abstracts can only be submitted online following the instructions on the congress website <http://www2.units.it/orlts/transoralsurgery.htm>. All submissions must be written in English and no longer than 250 words. The Scientific Board will evaluate the works and accepted abstracts will be designated between POSTER or SHORT COMMUNICATION. You will be informed by email.
- **VIDEO SUBMISSION** videoclips can only be submitted online to [transoralsurgery@gmail.com](mailto:transoralsurgery@gmail.com). Videos can be a maximum of 5 minutes long and commented/edited in English. The following formats can be accepted: .avi or .mp4. Resolution must be a minimum of 1280 x 720 (HD), optimally 1920 x 1080 (Full HD).

**THE BEST POSTER/SHORT COMMUNICATION AND VIDEO WILL BE REWARDED**

# INFORMATION

## SEDE CONGRESSUALE:

## STAZIONE MARITTIMA

Molo Bersaglieri, 3

## TRIESTE

### SCIENTIFIC BOARD:

President: GIANCARLO TIRELLI    Members: ANNALISA GATTO (MD), MARGHERITA TOFANELLI (MD)

Web: <http://www2.units.it/orlts/transoralsurgery.htm>

E-mail: [transoralsurgery@gmail.com](mailto:transoralsurgery@gmail.com)    Facebook page: [Transoral Mini-invasive Surgery in Head and Neck Cancer](#)

### ORGANIZING SECRETARY:

The MD Studio Congressi Agency    tel: +390432227673    fax: +390432507533    mobile: +39335100785

Web: [www.mdstudiocongressi.com/Eventi/Congressi/2018/TRANSORAL-MINI-INVASIVE-SURGERY-IN-HEAD-AND-NECK-CANCER](http://www.mdstudiocongressi.com/Eventi/Congressi/2018/TRANSORAL-MINI-INVASIVE-SURGERY-IN-HEAD-AND-NECK-CANCER)    E-mail: [info@mdstudiocongressi.com](mailto:info@mdstudiocongressi.com)

### HOW TO REGISTER:

To register for the Congress, please fill in the attached Registration Form. Send registration form together with copy of payment within to the Organising Secretariat via e-mail or by fax. Upon submitting the Registration Form, you will receive a confirmation from the Organizing Secretary within three working days. Registrations will be accepted and confirmed in order of arrival up to the maximum of 250 Participants.

### PARKING and ACCOMMODATIONS:

Web: <http://www2.units.it/orlts/transoralsurgery.htm>

### EACCME® ACCREDITATION:

"The TRANSORAL MINI-INVASIVE SURGERY IN HEAD AND NECK CANCER, Trieste, Italy, 15/03/2018-17/03/2018 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 14 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity."

"Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found at [www.ama-assn.org/education/earn-credit-participation-international-activities](http://www.ama-assn.org/education/earn-credit-participation-international-activities)."

"Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada."



# PATRONAGE

## IN PROGRESS



