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## GENERAL INFORMATION

### TOPICS

- Update on *intermittent* neuromonitoring
- Update on *continuous* neuromonitoring
- Superior laryngeal nerve monitoring
- Informed consent & documentation
- Anesthetic perspectives
- RLN electrophysiologic normative data
- Optimizing EMG signal
- Definition of loss of signal
- Stage thyroidectomy
- Tips and tricks for monitoring (video presentation)
- Cost analysis
- Safety
- Algorithm for IONM problem solving
- Malpractice claims
- Endoscopic thyroidectomy with IONM
- Limits

### COURSE DIRECTORS

Marcin Barczynski

Department of Endocrine Surgery, Jagiellonian University College of Medicine, Kraków, Poland

Feng-Yu Chiang

Department of Otolaryngology - Head and Neck Surgery, Kaohsiung Medical, University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan

Gianlorenzo Dionigi

Department of Surgical Sciences, Endocrine Surgery Research Center, University of Insubria, Varese, Italy

Henning Dralle

Department of General, Visceral, and Vascular Surgery, Martin Luther University Halle-Wittenberg, Halle, Germany

Gregory Randolph

Department of Otolaryngology, Harvard Medical School, Boston, MA, USA

### DATE

June 27, 2014

### COURSE LOCATION

**Regina Palace Hotel**

Corso Umberto I, 33 - 28838 Stresa (VB) Phone +39 0323 936936  
www.regina-palace.com www.stresaturismo.it

### INFORMATION

A meeting of the International Study Group on Intraoperative Neuromonitoring is planned during the Course

The Course is offered by the Department of Surgical Sciences and Human Morphology, University of Insubria, Varese, Italy  
Online information available at [www.summeet.it](http://www.summeet.it) and [www.uninsubria.it](http://www.uninsubria.it)

### REGISTRATION

To register e-mail to:  
[info@summeet.it](mailto:info@summeet.it) - [gianlorenzo.dionigi@uninsubria.it](mailto:gianlorenzo.dionigi@uninsubria.it)

**Registration Fee:** Physician € 200,00; Nurse € 100,00 (VAT included); Free Fee for Residents and Fellows in Training.

**Deadline June 01, 2014**

THE OFFICIAL LANGUAGE IS ENGLISH

COMMISSIONING  
SECRETARY



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# 4th INTERNATIONAL COURSE ON ENDOCRINE SURGERY INTRAOPERATIVE MONITORING OF LARYNGEAL NERVES IN THYROID SURGERY

June 27, 2014 - Stresa (VB), Italy

### Course Directors

Marcin Barczynski Feng-Yu Chiang Gianlorenzo Dionigi Henning Dralle Gregory Randolph



PROGRAM

26th June 2014

18.00-19.15 IONM STUDY GROUP MEETING

27th June 2014

7.10 REGISTRATION

7.30 INTRODUCTION

Barczynski M, Dionigi G, Dralle H, FY Chiang , Randolph G

MORNING SESSIONS

8.00 - 11.30: 1st SESSION. UPDATE ON INTERMITTED IONM (I-IONM)

Moderator: Bellantone R - Randolph G

- IONM – an appraisal Harrison B | 20 min
- Standards for pre- and postoperative management Dionigi G | 10 min
- Anesthetic perspectives Bacuzzi A | 10 min
- Standardized technique Chiang FY | 15 min
- Algorithm for monitoring problem solving Lorenz K | 15 min
- RLN electrophysiologic normative data: optimizing V1 signal Randolph GW | 15 min
- Definition and stratification of loss of signal (LOS) Schneider R | 15 min
- Stage thyroidectomy Brauckhoff M | 15 min

- Cost analysis Dionigi G | 10 min
- IONM impact on malpractice claims Dralle H | 15 min
- An updated of the superior laryngeal nerve (SLN) monitoring guideline statement Barczynski M | 20 min
- Limits of I-IONM Frattini F | 10 min

Critical Commentary: Sitges-Serra A

11.30 - 13.00: 2nd SESSION. CONTINUOUS IONM (C-IONM)

Moderator: Dralle H - Nicolai P

- Why C-IONM Carnaille Be | 15 min
- Vagal nerve (VN) surgical anatomy, approach and dissection Rausei S | 10 min
- C-IONM probes presentation (software & technique & results)
  - INOMED electrode Musholt TJ | 10 min
  - LANGER electrode Van Slycke S | 10 min
  - MEDTRONIC electrode Ferrari C | 10 min
- Safety of C-IONM Ulmer C | 15 min
- Monitoring combined events (EMG amplitude decrease & latency increase) Randolph G | 15 min

Critical Commentary: Harrison B

LIGHT LUNCH

AFTERNOON SESSION

14.30 - 17.00: 3rd SESSION. VIDEO PRESENTATION

Moderator: Barczynski M - De Toma G

- Experimental models for RLN injury – Part 1 Wu CW | 15 min
- Experimental models for RLN injury – Part 2 Kim HY | 15 min
- Functional assessment of anatomical variation of the RLN Wojtczak B | 15 min
- Detection of non-RLN Donatini G | 10 min
- Tips and tricks for the SLN monitoring Konturek A | 15 min
- Tips and tricks for pediatric thyroid surgery Brauckhoff M | 10 min
- Tips and tricks for re-do surgery Hui Sun | 10 min
- Central compartment lymphadenectomy Lombardi D | 10 min
- MIVAT with IONM Lombardi CP | 10 min
- Robotic thyroidectomy with IONM Kim HY | 10 min
- Tracheal resection Ulmer C | 10 min

17.00: CONCLUSION

Barczynski M, Dionigi G, Dralle H, FY Chiang , Randolph G

FACULTY



Alessandro Bacuzzi (Varese, Italy)	Michael Brauckhoff (Bergen, Sweden)	Giorgio De Toma (Rome, Italy)	Henning Dralle (Halle, Germany)	Barney Harrison (Sheffield, UK)	Celestino Pio Lombardi (Roma, Italy)	Thomas Musholt (Mainz, Germany)	Stefano Rausei (Varese, Italy)	Hui Sun (Jilin, China)	Beata Wojtczak (Wroclaw, Poland )
Rocco Bellantone (Rome, Italy)	Bruno Carnaille (Lille, France)	Gianlorenzo Dionigi (Varese, Italy)	Cesare Carlo Ferrari (Varese, Italy)	Hoon Yub Kim (Seoul, Korea)	Davide Lombardi (Brescia, Italy)	Piero Nicolai (Brescia, Italy)	Rick Schneider (Halle, Germany)	Christoph Ulmer (Stuttgart, Germany)	Che-Wei Wu (Kaohsiung, Taiwan)
Marcin Barczynski (Kraków, Poland)	Feng-Yu Chiang (Kaohsiung, Taiwan)	Gianluca Donatini (Pisa, Italy)	Francesco Frattini (Varese, Italy)	Aleksander Konturek (Krakow, Poland)	Kerstin Lorenz (Halle, Germany)	Gregory Randolph (Boston, USA)	Antonio Sitges-Serra (Barcelona, Spain)	Sam Van Slycke (Aalst, Belgium)	