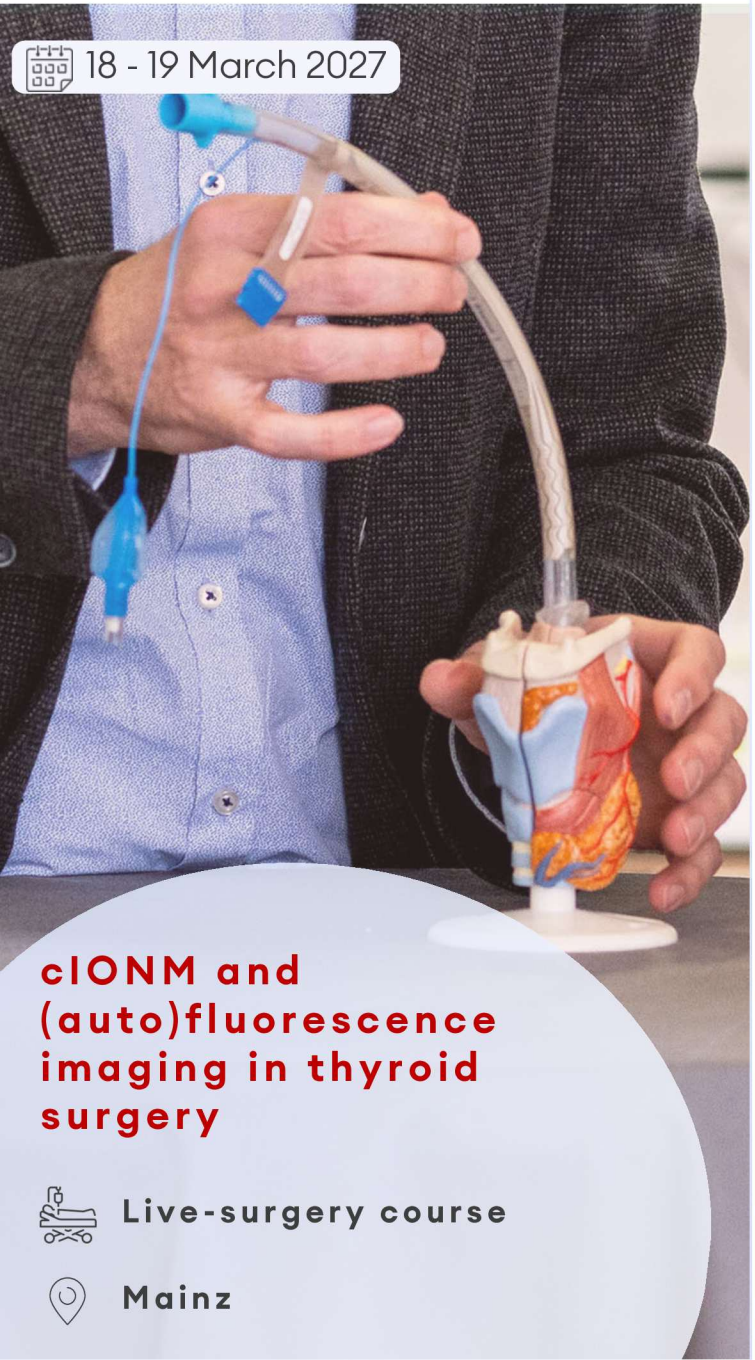
ARKANA FORUM

MEDICAL EDUCATION CENTER



18 - 19 March 2027

cIONM and (auto)fluorescence imaging in thyroid surgery

Live-surgery course

Mainz



Dear colleagues and friends,

we are pleased to announce the upcoming course continuous intraoperative neuromonitoring in thyroid surgery in Mainz, which will be the seventh course featuring pre-class e-tutorials, to facilitate learning at your own schedule.

New aspects of continuous intraoperative neuromonitoring (cIONM) and proven tips for its practical handling will be shared. Even though both, intermittent and continuous IONM, have been used for many years in thyroid surgery now, uncertainties in the Gold Standard implementation of both methods still exist - especially pitfalls in the interpretation of EMG signals.

This course offers a better understanding of the current state-of-the-art handling and the thereof optimal intraoperative assessment of the nerve function of the vagus nerve and the recurrent laryngeal nerve.
Moreover, new innovations in the method of (auto)fluorescence imaging of the parathyroid glands in order to preserve parathyroid function will be presented.

As a highlight, you will have the chance to observe live surgeries. We will demonstrate the application of cIONM for thyroidectomy - if possible, with central or (uni)lateral lymphadenectomy - as well as intraoperative fluorescence imaging of parathyroid glands.

We invite you to join this interesting course, to ask questions, participate in discussions, and enjoy networking with peers. My team and I are looking forward to welcoming you.

Prof. Dr. Thomas J. Musholt, FEBS-ES
Professorship and Section Head „Endocrine Surgery“
Deputy Director
Department of General, Visceral and Transplantation Surgery (AVTC)
University Medicine of the Johannes-Gutenberg-University Mainz, Germany

PROGRAM

Topics

- Continuous intraoperative neuromonitoring (cIONM) in thyroid surgery
- (Auto)fluorescence imaging of parathyroid glands

Thursday, 18 March 2027

15:30	**Registration and welcome**
16:00	**Video tutorials:** discussions and response to questions
17:30	**Introduction of patients and cases for live-surgery:** Medical histories and planned surgeries for the next day
19:00	**Social event** (Fischtorplatz, old town part of Mainz)

Friday, 19 March 2027

08:15	**Arrival at the designated meeting room**
08:20	**Changing rooms and tour of the OR**
08:30	**Tips and tricks for intubation when using cIONM:** Tube size and adhesive electrodes
08:45	Special considerations for pediatric surgeries, tracheal resections, etc.; IONM in non-thyroid surgeries
09:00	**Coffee break and discussion**
09:15	**Live surgeries** • cIONM of the N. vagus, N. laryngeus recurrens • Intraoperative (auto)fluorescence imaging of the parathyroid glands and their vascularization
~11:45	**Case presentation and video demonstrations** (following the surgeries)
13:45	**Closing remarks**

DETAILS

Medical Director

Prof. Dr. Thomas J. Musholt, FEBS-ES

Speakers

Priv.-Doz. Dr. Julia I. Staubitz-Vernazza, FEBS-ES
previously AVTC, University Medicine, Mainz, Germany
Dr. Nabila Bouzakri, FEBS-ES
AVTC, University Medicine, Mainz, Germany
Dr. Clemens Eichelsbacher, MHBA
Dept. of Anaesthesiology,
University Medicine Mainz, Germany
Assoc. Prof. Dr. Marc Kriege, DESAIC, EDIC
previously Dept. of Anaesthesiology,
University Medicine Mainz, Germany
Prof. Dr. Gianluca Donatini, FEBS-ES
Head of Endocrine Surgery Department
University Hospital Center (CHU) Poitiers, France

Video Tutorials

Completion of the video tutorials (total duration approx. 2 hours) will be monitored through a short learning assessment. Participants will also have the opportunity to submit questions in advance for the on-site discussion session.

1. "Requirements and standards for the application of cIONM: cIONM setup and electrode positioning"
2. "Requirements and standards for the application of cIONM: signal quality and standard monitoring procedure"
3. "Surgery video: thyroid lobectomy using cIONM"
4. "Causes and characteristics of artefacts to be distinguished from EMG changes that predict impending nerve damage"
5. "Definition and causes of IONM loss-of-signal (LOS) and how to react in the OR"
6. "Optimal positioning of tube electrodes: presentation of the results of the LION trial"
7. "(Auto)fluorescence imaging of parathyroid glands: basics"
8. "(Auto)fluorescence imaging of parathyroid glands: clinical case presentation"

INFORMATION

Target Group

- Surgeons who already use cIONM and who want to deepen their knowledge
- Surgeons who use intermittent IONM and who want to establish cIONM in their clinic

Online registration

To register, please use the booking form on our website:
www.arkana-forum.com

Course fee

570 EUR (incl. 19% VAT - Germany)

Conditions of payment/registration

The course fee must be paid in advance, at the latest 2 weeks before the start of the course - please note that course participation is only confirmed once payment has been received. If your registration is cancelled, we will refund the course fee subject to a 25 EUR administration fee. The information about the cancellation must be received at least 2 weeks before the start of the course. If the cancellation is made later or if the participant does not take part in the course, we are entitled to retain the full course fee.

Accreditation

International CME credits (UEMS-EACCME) applied for
13 German CME credits (Medical Association)

Course venue

University Medicine of the Johannes-Gutenberg-University Mainz, Langenbeckstraße 1, 55131 Mainz, Germany

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