

nervemonitoring & (auto)fluorescence imaging in thyroid surgery 2026

PROGRAM

Thursday, June 11, 2026

All times in the program refer to the time zone CET!

15:30	Registration and Welcome	A. F. Engelsman
16:00	Video tutorials: discussions and response to questions	A. F. Engelsman
17:30	Introduction of patients and cases for live-surgery: Medical histories and planned surgeries for the next day	A. F. Engelsman
19:00	Social event (Location)	

Friday, June 12, 2026

7:30	Arrival at the designated meeting room	Surgical team
8:00	Changing rooms and tour of the OR	
8:30	Tips and tricks for intubation when using cIONM: tube size and adhesive electrodes	A. F. Engelsman / anesthesiologist
8:45	Special considerations for pediatric surgeries, tracheal resections, etc.; IONM in non-thyroid surgeries	A. F. Engelsman
9:00	Coffee break and discussions	
9:30	Live surgeries 3-4 cases of thyroidectomy, with central lymphadenectomy including cIONM of the N. vagus, N. laryngeus recurrens Intraoperative (auto)fluorescence imaging of the parathyroid glands and their vascularization	A. F. Engelsman, E.J.M., Nieveen van Dijkum, K. in 't Hof
	Case presentations and video demonstrations	A. F. Engelsman
16:00	Closing remarks	A. F. Engelsman

PROGRAM

VIDEO TUTORIALS

To ensure the best learning experience for the course participants, pre-course video tutorial learning is mandatory before visiting the operating room in Amsterdam. Completion of the tutorials (total: ca. 2 hours) will be monitored, and quiz questions will be asked.

Tutorial 1 (ca. 10 min) “Requirements and standards for the application of cIONM: cIONM setup and electrode positioning”	Staubitz-Vernazza
Tutorial 2 (ca. 23 min) “Requirements and standards for the application of cIONM: signal quality and standard monitoring procedure”	Staubitz-Vernazza
Tutorial 3 (ca. 9 min) “Surgery video: thyroid lobectomy using cIONM”	Staubitz-Vernazza
Tutorial 4 (ca. 17 min) “Causes and characteristics of artefacts to be distinguished from EMG changes that predict impending nerve damage”	Musholt
Tutorial 5 (ca. 13 min) “Definition and causes of IONM loss of signal (LOS) and how to react in the OR”	Musholt
Tutorial 6 (ca. 15 min) “Standard thyroidectomy: surgical procedure and techniques for nerve and parathyroid preservation”	A. F. Engelsman
Tutorial 7 (ca. 12 min) “(Auto)fluorescence imaging of parathyroid glands: basics”	Donatini
Tutorial 8 (ca. 18 min) “(Auto)fluorescence imaging of parathyroid glands: clinical case presentation”	Donatini

nervemonitoring & (auto)fluorescence imaging in thyroid surgery 2026

ARKANA  FORUM

PROGRAM

MEDICAL DIRECTOR

Dr. Anton F. Engelsman

Medical Specialist, Surgery VUmc
Amsterdam Gastroenterology Endocrinology Metabolism (AMC)
Amsterdam University Medical Center, Amsterdam UMC, Netherland

SPEAKERS

Priv.-Doz. Dr. Julia I. Staubitz-Vernazza, FEBS-ES

AVTC, University Medicine, Mainz, Germany

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
Mainz, Germany

Prof. Dr. Gianluca Donatini, FEBS-ES

Head, Endocrine Surgery Department
University Hospital Center (CHU) Poitiers
Poitiers, France

Venue

Location VUmc

De Boelelaan 1117
1081 HV Amsterdam

SPONSORS

inomed 

inomed Medizintechnik GmbH
value 1.500,00 EUR (excl. VAT)