

Description, Registration and Fee

Course Contents Description

- Max. 40 participants
- 28 lectures on hybrid PET imaging and its clinical applications
- One workstation (AW-Server per 3 participants) for individual case interpretation
- Individualized case reading in 2 groups of 10–20 participants under supervision
- Hands-on MR, PET/CT and PET/MR session including FDG injector handling
- 2 hour workshop on quantitative image analysis
- Individual choice of focus on PET/CT case discussion or PET/MR case discussion
- 5 lunches and morning coffee breaks included

Topics of the Hybrid PET Imaging Course

1. Brain tumors and metastases
2. Neurodegenerative Disease: non-Amyloid tracers
3. Head & Neck Cancer including Thyroid Cancer
4. Lung and Breast Cancer
5. Abdominal tumors (including neuroendocrine tumors, Ga-DOTATATE)
6. Male and female GU imaging (including F-Choline and Ga-PSMA-11)
7. Lymphoma and melanoma

Note:

Individual choice of case discussion with focus on PET/CT – or case discussion with focus on PET/MR during hands-on workshop sessions

Registration

simone.wijnands@usz.ch

Course Fee

CHF 1350.–, incl. course, lunches and morning coffee breaks

The European Accreditation Council for Continuing Medical Education (EACCME) has granted 30 European CME credits for this event.

Information

Venue

University Hospital Zurich
Department of Nuclear Medicine
Rämistrasse 100
8091 Zurich
Switzerland

Directions

Tramlines 6, 9, 10 to tram stop
ETH/Universitätsspital

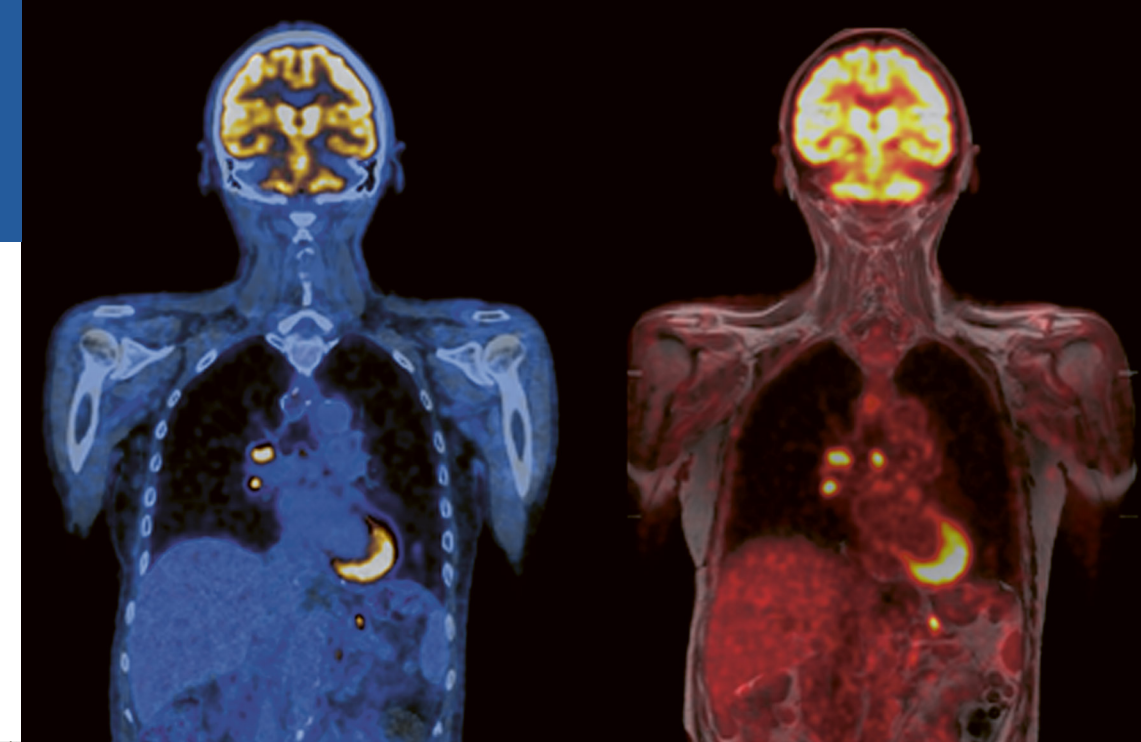
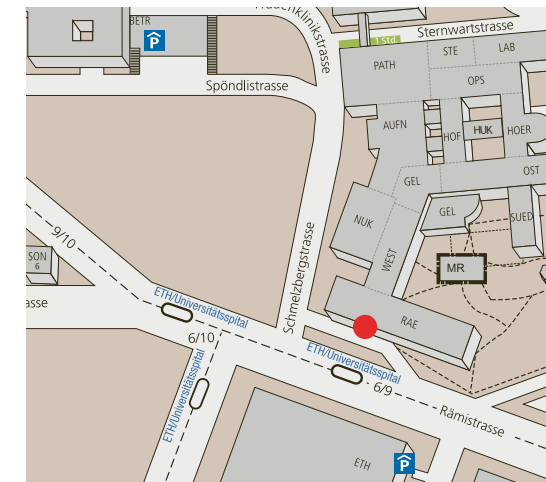
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Nuclear Medicine and Neuroradiology

Hybrid PET: Brain and Body Hands-on Course Zurich

July 1–5, 2019
NUK, Rämistrasse 100
University Hospital Zurich



Program

Monday, July 1 – Basic Imaging Skills

08.30 h	Meeting Point at the Main Entrance (Rämistrasse 100)	
08.30 h	Welcome Coffee	
09.00 h	Welcome – Course Rationale	Gustav von Schulthess
09.15 h	Hybrid Imaging – Facts and Fiction	Gustav von Schulthess
10.00 h	Basics of PET: Acquisition and Reconstruction	Fotis Kotasidis
10.45 h	Break	
11.15 h	MR Principles for PET/MR	Edwin ter Voert
12.00 h	Body Protocols: Tracers and Contrast Media	Michael Messerli
12.45 h	Lunch Break with Gustav von Schulthess	
13.45 h	Workflow – considerations in Hybrid Imaging	Gustav von Schulthess
14.30 h	Attenuation Correction and Artifacts in Hybrid imaging	Andreas Boss
15.30 h	Video Presentation: PET Facilities Wagj-Areal	Marlena Hofbauer
16.30 h	PET/CT Facility Tour University Hospital Zurich	Marlena Hofbauer
17.00 / 17.30 h	Adjourn	

Tuesday, July 2 – Protocols, Quantification and Data Analysis

08.45 h	Neuro Protocols: Tracers and Contrast Media	Martin Huellner
09.30 h	Neuro- and Onco-MRI relevant for PET/MR	Paul Stolzmann
10.15 h	Break	
10.45 h	Image Fusion and Quantification of PET	PMOD Technologies LLC
11.30 h	Demonstration of PET Quantification and Kinetic Modeling	PMOD Technologies LLC
12.45 h	Lunch Break with Martin Huellner	
14.00 h	Clinical rationales for Beta-Amyloid imaging in Dementia	Anton Gietl
14.45 h	PET Tracers in Dementia: Beta-Amyloid and FDG	Valentina Garibotto
15.30 h	Supervised Self-Study of Cases and Discussion	Valentina Garibotto
17.00 h	Adjourn	

Wednesday, July 3 – Clinical Neuro / Body Hybrid Imaging

08.45 h	Brain Tumors including Metastases	Paul Stolzmann
09.30 h	Dementia and Neurodegeneration	Martin Huellner
10.15 h	Distinguishing Normal from Abnormal	Gustav von Schulthess
11.00 h	Break	
11.30 h	Therapy Monitoring	Gustav von Schulthess
12.15 h	Hepato-Pancreatico-Biliary Cancer	Caecilia Reiner
13.00 h	Lunch Break with Gustav von Schulthess	
14.00 h	Supervised Self-Study of Cases	Staff
16.00 h	Case Discussion	Staff
17.00 h	Adjourn	

Thursday, July 4 – Clinical Skills Body Hybrid Imaging

08.45 h	Lung Cancer	Lars Husmann
09.30 h	Head and Neck Cancer	Martin Huellner
10.15 h	Breast Cancer and Bone Metastases	Irene Burger
11.00 h	Break	
11.30 h	Cancers of the Female Genital Tract	Irene Burger
12.15 h	Cancers of the Male Genital Tract	Irene Burger
13.00 h	Lunch Break with Irene Burger	
14.00 h	Supervised Self-Study of Cases	Staff
16.00 h	Case Discussion	Staff
17.00 h	Adjourn	

Friday, July 5 – Clinical Skills Body Hybrid Imaging

08.45 h	Colorectal and Anal Cancer	Gustav von Schulthess
09.30 h	Thyroid Cancer and Parathyroid Diseases	Michael Messerli
10.15 h	Gastro-Esophageal Cancer incl. GIST Tumors	Gustav von Schulthess
11.00 h	Break	
11.30 h	Melanoma and Lymphoma	Niklaus Schaefer
12.15 h	Neuroendocrine Tumors and Theragnostics	Niklaus Schaefer
13.00 h	Lunch Break with Lars Husmann	
14.00 h	Supervised Self-Study of Cases	Staff
16.00 h	Case Discussion	Staff
17.00 h	Adjourn / Wrap Up / Farewell	

Speakers

Andreas Boss, MD, PhD

Senior Staff and PD
Radiology
University Hospital Zurich

Irene Burger, MD

Director
Nuclear Medicine
Kantonsspital Baden

Valentina Garibotto, MD

Senior Staff and PD
Nuclear Medicine
University Hospital Geneva

Anton Gietl, MD

Junior Staff
Diseases of the Aging Brain
Psychiatric Hospital
University of Zurich

Marlena Hofbauer, BS

Senior Technician
Nuclear Medicine
University Hospital Zurich

Martin Huellner, MD

Senior Staff
Nuclear Medicine and Neuroradiology
University Hospital Zurich

Lars Husmann, MD

Professor and Junior Staff
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Caecilia Reiner, MD

Senior Staff and PD
Radiology
University Hospital Zurich

Niklaus Schaefer, MD

Associate Professor/Senior Staff
Nuclear Medicine and
Medical Oncology
University Hospital Lausanne

Paul Stolzmann, MD

Professor and Junior Staff
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Michael Messerli, MD

Resident
Nuclear Medicine
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Edwin ter Voert, PhD

Junior Scientist
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University Hospital Zurich

Fotis Kotasidis, PhD

Research Manager, MICT
GE Healthcare

Gustav von Schulthess, MD, PhD, MD hon

Professor and Chairman Emeritus
Nuclear Medicine and Radiology
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Zürich, Switzerland