



Forensic Imaging and Virtopsy^{UZH}



Certificate of Advanced Studies CAS

Program – Module 2 - Virtopsy Advanced Course

Subject to possible last minute changes

Wednesday, March 12, 2025 - Morning

Time		Topic	Instructor
08:15 – 08:30		Registration	Course Administration
08:30 – 08:45	1.75	Introduction Advanced Course	Prof. Dr. med. Michael Thali Dr. med. Wolf Schweitzer
08:45 – 08:55		Body storage	Dominic Gascho, MAS ETH
08:55 – 10:05		PMCT, PMMR & Surface Scanning (Pathologists/orange)	Dominic Gascho, MAS ETH Dr. sc. ETH Niklaus Zölch
		PMCT findings (Radiologists/blue)	Dr. med. Carlo Tappero PD Dr. med. Garyfalia Ampanozi PD Dr. med. Thomas Ruder Dr. med. Wolf Schweitzer
10:05 – 10:35		Break (30')	
10:35 – 11:45	1	PMCT, PMMR & Surface Scanning (Radiologists/blue)	Dominic Gascho, MAS ETH Dr. sc. ETH Niklaus Zölch
		PMCT findings (Pathologists/orange)	Dr. med. Carlo Tappero PD Dr. med. Garyfalia Ampanozi PD Dr. med. Thomas Ruder Dr. med. Wolf Schweitzer
11:35 – 12:45		Lunch (1 h)	Served at the Course Venue



Wednesday, March 12, 2025 - Afternoon

Subject to possible last minute changes

Time		Topic	Instructor
12:45 – 13:30	0.75	Autopsy Room	FMB Team
13:30 – 14:00	0.5	What *is* 3D data really? Volume data vs. Surface data	Dr. med. Wolf Schweitzer
14:00 – 14:45	0.75	Using surface data: Forensic 3D Printing	Prof. Summer Decker, PhD Dr. med. Wolf Schweitzer
14:45 – 15:00		Break (15')	
15:00 – 15:30	.5	Using surface data: Finite Element Analysis	Jonathan Ford, PhD
15:30 – 16:15	.75	Visualization aspects in forensic imaging	Dr. med. Wolf Schweitzer
16:15 – 16:30		Break (15')	
16:30 – 17:15	.75	The Role of Post-Mortem Imaging	PD Dr. med. Thomas Ruder
17:15 – 17:20		Break (5')	
17:20 – 18:00	.666	Imaging of Abuse & Neglect	PD Dr. med. Thomas Ruder

Total 7,35



Thursday, March 13, 2025

Subject to possible last minute changes

Time		Topic	Instructor
08:30 – 09:00	1.5	Clinical forensic neck MR	Dr. med. Carlo Tappero
09:00 – 09:20		Lung ventilation	Dr. med. Vasiliki Chatzaraki
09:20 – 10:00		Medical examiners in the USA	Prof. Summer Decker, PhD
10:00 – 10:15		Break (15')	
10:15 – 11:00		Advanced visualization	Dr. med. Wolf Schweitzer
11:00 – 11:15	1.0	CT-artifacts	Dr. med. Wolf Schweitzer
11:15 – 11:30		Break (15')	
11:30 – 12:30	1.0	PMMR I	Dr. med. Carlo Tappero
12:30 – 13:30		Sandwich Lunch (60')	Served at the Course Venue
13:30 – 14:00	1.75	PMMR II	Dr. med. Carlo Tappero
14:00 – 14:30		Body packing	Dr. med. Carlo Tappero
14:30 – 15:15		Vital reactions / Foreign bodies	Dr. med. Wolf Schweitzer
15:15 – 15:30		Break (15')	
15:30 – 16:00	1.5	Pediatric/perinatal post mortem CT	Dr. med. Wolf Schweitzer Dr. med. Carlo Tappero
16:00 – 17:00		Case review / Casebook	Dr. med. Carlo Tappero Dr. med. Wolf Schweitzer
18:30		Dinner You'll receive further information on your first Course Day.	Restaurant "Münsterhöfli" www.muensterhoefli.ch

6.75 6:45



Friday, March 14, 2025

Subject to possible last minute changes

Time		Topic	Instructor
08:30-09:30	¹	PMCTA Basics and protocols	Dr. med. Wolf Schweitzer
09:30 – 10:30	¹	Hands-on PMCTA	Dr. med. Carlo Tappero Dr. med. Wolf Schweitzer Dominic Gascho, MAS ETH FMB Team
10:30 – 10:45		Break (15')	
10:45 – 12:45	²	Hands-on PMCTA	Dr. med. Carlo Tappero Dr. med. Wolf Schweitzer Dominic Gascho, MAS ETH FMB Team
12:45– 13:15		Sandwich lunch (30')	Served at the Course Venue
13:15 – 13:30	³	PMCT & PMCTA Putrefaction	Dr. med. Wolf Schweitzer
13:30 – 14:00		PMMRA	Dr. med. Carlo Tappero
14:00 – 14:45		Magnetic Resonance Spectroscopy (1H-MRS) in Forensic Medicine	Dr. sc. ETH Niklaus Zölch
14:45 – 15:10		Deep Learning and Forensic Imaging	PD Dr. Akos Dobay
15:10 – 15:30		Assessment Module 2 Virtopsy Course	Dr. med. Wolf Schweitzer
15:30 – 16:15		Forensic Holodeck / Virtual Courtroom	Prof. Dr. phil. Lars Ebert
16:15		End of course Part 1 & 2 Certificate of attendance	Dr. med. Wolf Schweitzer Prof. Dr. med. Michael Thali

Total 6.75

All: 21.0