

15<sup>th</sup> Virtopsy Course, Zurich, Switzerland. March 19-23, 2018

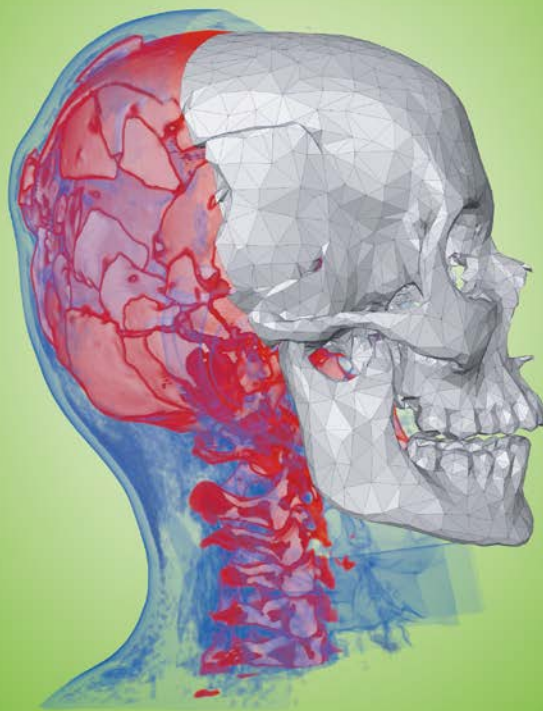
Experience the Future of Forensic Sciences

<http://www.virtopsy.com> - [virtopsy@irm.uzh.ch](mailto:virtopsy@irm.uzh.ch)

# 15<sup>th</sup> Virtopsy Course

ZURICH SWITZERLAND

March 19<sup>th</sup> – 23<sup>th</sup> 2018



Experience the Future of Forensic Sciences

[www.virtopsy.com](http://www.virtopsy.com)

Dear friends and colleagues

Virtopsy Courses are aimed at people who are professionally involved in forensic radiology and imaging, mainly addressing forensic pathologists, radiologists, radiographers and anthropologists. The Virtopsy Course has always been a mainstay for one of the best introductions to post mortem scanning worldwide. The 2018 course will be the fifteenth course, which also means our 15 years of continuous experience.

With this, we are pleased to announce that the 15th Virtopsy Course will be held in Zurich, Switzerland, on March 19th-23th, 2018. In addition to the Virtopsy Course, we created a new course to take things further: we now set up the CAS (Certificate of Advanced Studies) in Forensic Imaging & Virtopsy together with the University of Zurich. This is a title of the University of Zurich that builds upon the Virtopsy Course (Virtopsy Basic Course: module I of CAS; Virtopsy Advanced Course: module II of CAS) but adds a Virtopsy Practical Course as part III, that addresses needs of the more experienced and exposed user. So the Virtopsy Course constitutes module I (Basic Course) and II (Advanced Course) of the newly introduced CAS (Certificate of Advanced Studies) in Forensic Medicine and Imaging. It will be followed immediately by the third module (III) that is administered starting Saturday, March 24<sup>th</sup> through Thursday, May 1<sup>st</sup>. A module IV is required to complete the CAS which consists in the participant submitting a book containing 50 own case studies.

The Virtopsy Course combines a Basic and an Advanced Course into an entire week of forensic imaging, where focus is on theory, with end-of-session hands on workshops. The Basic Course contains a special focus on Forensic Anthropology as this field has taken up forensic post mortem imaging across commingled remains, mummy research and mass disaster events. The 3D surface documentation session will explain how 3D models are obtained and what they can be used for. The Advanced Course is dedicated to postmortem MR and angiography.

We are looking forward to seeing you in Zurich.

Sincerely



Michael J. Thali, MD, EMBA  
Director of the Institute of  
Forensic Medicine  
University of Zurich



Wolf Schweitzer, MD  
Course Coordinator

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Monday, 19.3.2018

Virtopsy Basic Course Day 1

0800-0830	Course Registration	
0830-0850	Welcome	
0850-0910	Virtopsy - the better intellectual solution for the reporting of forensic findings	Prof. M. J. Thali
0910-0940	BREAK	
0940-1030	Introduction Forensic Medicine (Radiologists/blue)	S. Bolliger
	Introduction CT (Pathologists/yellow)	T. D. Ruder
1030-1045	BREAK	
1045-1145	Introduction to SYNGO VIA	L. C. Ebert
1145-1230	Reporting of PMCT findings	W. Schweitzer
	Normal Findings in PMCT	B. Fliss
1230-1330	LUNCH	
1330-1500	Essentials of Forensic PMCT	W. Schweitzer T. D. Ruder
1500-1515	BREAK	
1515-1615	Natural causes of death and intoxication	G. Ampanozi V. Chatzaraki J. Heimer
1615-1700	PMCT based identification	T. D. Ruder
1830	DINNER Restaurant Die Waid, Waidbadstr. 45, Zurich	

(subject to change)

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Tuesday, 20.3.2018

Virtopsy Basic Course Day 2

0830-0915	Gunshot Injuries	G. Ampanozi
	Sharp Force Injuries	W. Schweitzer
0915-0925	BREAK	
0925-1030	Blunt force injuries	W. Schweitzer
1030-1115	Forensic anthropology I	A. Christensen
1115-1125	BREAK	
1125-1210	Forensic Anthropology II	A. Christensen
1210-1215	BREAK	
1215-1245	Thermal Injuries	S. Bolliger
1245-1315	SANDWICH LUNCH	
1315-1400	PMCT Examination Protocols	D. Gascho
1400-1420	Drowning	B. Fliss
1420-1500	Forensic Clinical Imaging at the FMB IRM UZH	W. Schweitzer
1500-1530	BREAK	
1530-1630	3D Documentation	A. Leipner T. Sieberth
1630-1700	Q&A Session, Outlook	

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Wednesday, 21.3.2018

Virtopsy Advanced Course Day 1

0815-0830	Course Registration (Advanced Course)	
0830-0845	Introduction Advanced Course	Prof. M. J. Thali
	Workflow	G. Ampanozi FMB team
0845-0855	Preparation for PMCT scan	D. Gascho
0855-0905	PMCT scan (R/blue)	D. Gascho
	PMMR scan (P/yellow)	T. D. Ruder W. Schweitzer
0905-0915	PMMR scan (R/blue)	T. D. Ruder W. Schweitzer
	PMCT scan (P/yellow)	D. Gascho
0915-1015	PMCT findings (R/blue)	T. D. Ruder G. Ampanozi
	Biopsy / Surface scanning (P/yellow)	L. C. Ebert A. Leipner T. Sieberth
1015-1045	BREAK	
1045-1145	Biopsy and surface scanning (R/blue)	L. C. Ebert A. Leipner
	PMCT findings (P/yellow)	T. D. Ruder G. Ampanozi
1145-1330	LUNCH	
1330-1400	Autopsy Room	FMB team
1400-1415	TRANSFER / BREAK	
1415-1500	PMCT in mass fatalities	C. O'Donnell
1500-1545	Forensic 3D printing	S. Decker
1545-1600	BREAK	
1600-1645	PMCT in daily routine	P. Leth
1645-1730	DVI & Terrorist Incidents - Implications for Radiology	M. Viner
1730-1740	BREAK	
1740-1820	Casebook / Bring Your Own Cases	W. Schweitzer G. Ampanozi

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Thursday, 22.3.2016

Virtopsy Advanced Course Day 2

0830-0900	Clinical forensic neck MR	S. Franckenberg
0900-0915	Lung ventilation	S. Franckenberg
0915-0945	Vital reactions	W. Schweitzer
0945-1045	Advanced visualization	L. C. Ebert
1045-1100	BREAK	
1100-1130	Dual Energy CT	L. C. Ebert
	Foreign objects ID	W. Schweitzer
1130-1230	PMMR I	T. D. Ruder
1230-1330	SANDWICH LUNCH	
1330-1400	PMMR II	T. D. Ruder
1400-1430	Body packing	B. Fliss
1430-1515	PMCTA Introduction	T. D. Ruder
	PMCTA Technique and imaging protocols	D. Gascho
1515-1530	BREAK	
1530-1630	PMCTA Essentials	T. D. Ruder
1630-1715	Case review / Casebook	T. D. Ruder B. Fliss
1830	DINNER Restaurant "Zum Kropf", In Gassen 16, Zürich	

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Friday, 23.3.2016

Virtopsy Advanced Course Day 3

0830-0915	Hands-on PMCTA	T. D. Ruder W. Schweitzer D. Gascho FMB team
0915-0930	BREAK	
0930-1230	Hands-on PMCTA	T. D. Ruder W. Schweitzer D. Gascho FMB team
1230-1315	SANDWICH LUNCH	
1315-1345	PMCT & PMCTA Putrefaction	W. Schweitzer
1345-1410	PMMRA	T. D. Ruder
1410-1450	Magnetic Resonance Spectroscopy (1H-MRS) in Forensic Medicine	N. Zölch
1450-1520	Forensic Holodeck	L. C. Ebert T. Sieberth
1520	End of course  Certificates of attendance  Evaluation forms if completed and handed in then are awarded with a Swiss knife / USB stick containing all Virtopsy publications  Departure of candidates	

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