



## Update course in X-ray imaging in the framework of ORaP - Art 74.7

Program 2012

### Tuesday June 19 - CT

9:00 – 9:30	Introduction: vision of FOPH regarding Art. 74	R. Treier
9:30 – 9:45	Medical physics in X-Ray imaging: the challenge	F.R. Verdun
9:45 – 10:45	Dosimetry in CT: how to proceed?	F.R. Verdun
10:45 – 11:15	Coffee	All
11:15 – 12:15	Image quality and patient dose optimization in CT	F.R. Verdun
12:15 – 13:30	Break – time to go to ETRM (Bugnon 19 – Lausanne)	
13:30 – 15:00	Practical	
15:00 – 15:15	Exchange of practical	
15:15 – 16:45	Practical	

### Wednesday June 20 – Fluoroscopy / patient dose and staff dose

9:00 – 9:45	Fluoroscopy and patient radiation protection	F.R. Verdun
9:45 – 10:30	Fluoroscopy and staff radiation protection	F.R. Verdun
10:30 – 11:00	Coffee	All
11:00 – 11:30	Effective dose: limits and how to communicate risk?	F.R. Verdun
11:30 – 12:15	Radiation protection and metrology	F. Bochud
12:15 – 13:30	Break – time to go to ETRM (Bugnon 19 – Lausanne)	
13:30 – 15:00	Practical	
15:00 – 15:15	Exchange of practical	
15:15 – 16:45	Practical	

### Practical

CT 1	Measurements on a CT unit : dose and image quality	CE / SG
CT 2	Case study in CT : how to induce change of protocols	FRV
Fluo 1	How to control patient dose in fluoroscopy	IBT/MSM
Fluo 2	How to reduce staff dose in fluoroscopy	NR/CC