

## PTW Dosimetry School

Thursday 10<sup>th</sup> October and Friday 11<sup>th</sup> October, 2019

Hôpital André Vésale, Montigny-le-Tilleul

### SMALL FIELD DOSIMETRY – FFF DOSIMETRY

#### Program

##### Day 1

10.30 - 10.45	Arrival of participants
10.45 - 11.00	Introduction by Nicole De Keyzer, Tino Ebneht and hosting team Milan Tomsej
11.00 - 12.00	Small field dosimetry - Dr. Jan Wuerfel (60 min)
12.00 – 12.40	Detectors for small field dosimetry - Dr. Jan Wuerfel (40 min)
12.40 - 12.50	Questions
12.50 – 14.00	Lunch break
14.00 - 15.00	TRS 483 - Dr. Hugo Palmans (60 min)
15.00 - 15.45	Influence of the dose rate dependency - Dr. Jan Wuerfel (45 min)
15.45 - 16.00	Questions
16.00 - 16.15	Coffee break
16.15 - 16.50	Electrometer - Technology and measurement errors - Thomas Heisler (35 min)
16.40 - 17.15	Noise, speed of measurement, quantum noise - Dr. Jan Wuerfel (35 min)
17.15 -17.30	End of 1 <sup>st</sup> day – open questions visit department
17.30 – 18.00	Transport to hotel and Check in hotel
18.00 - 22.00	Social event / dinner

## Day 2

09.00 - 09.50	What can go wrong will go wrong - Thomas Heisler (50 min)
9.50 - 10.35	Non standard beams FFF – maybe Milan Tomsej (45 min)
10.35 - 11.00	Coffee break
11.00 - 11.45	Implementation of stereotactic techniques in the hospital – Milan(45 min)
12.00 - 12.30	Clinical experience of patient dosimetry of FF and FFF beams”- Jan Vandecasteele (30 min)
12.30 - 13.30	Lunch break
13.30 - 14.15	Octavius 4D & Ruby Phantom – PTW team (45 min) Tino Ebneht
14.15 – 14-45	Use of QA hybrid devices in radiotherapy, how to automate and centralize results in a paperless environment with Track It. A. Sottiaux (30 Min)
	Questions
	Final remarks and conclusions: Milan Tomsej, Tino Ebneht and Nicole De Keyzer