



LINAC

commissioning overview

MARCH
28-29

VILA REAL
HOSPITAL UNIT

28 march :: theoretical part

hybrid session » attend in-person (hospital auditorium) or remote (microsoft teams)

hour	topics
08:00	registration
08:15	open session mauro vaz trindade (APFISMED), francisco esteves (ULSTMAD clinical director)
08:30	overview of commissioning project carlos marcelino
09:30	beam data requirements for tps modelling eduard gershkevitch
10:15	coffee break
10:30	phantoms, detectors, traceability, and measurement techniques eduard gershkevitch
11:15	relative dosimetry: scanning and point data measurements (tips and tricks) eduard gershkevitch
12:15	absolute dosimetry: Co-60 $N_{d,w}$ calibration overview 398 anabela dias and IAEA
13:00	lunch » hospital canteen
14:00	FFF beams special requirements eduard gershkevitch
15:00	small fields dosimetry maria do carmo lopes
16:00	coffee break
16:15	measurement uncertainty budget catarina souto
16:45	MLC modelling eduard gershkevitch
17:30	debate: traditional commissioning and pre-configured beam models carlos marcelino, eduard gershkevitch, maria do carmo lopes, raquel paiva
20:30	social event » quinta do paço hotel

29 march :: practical part

attend session on-site (radiotherapy department and formation center)

hour	relative and absolute dosimetry linac versahd	TPS modulation and verification classroom	dose verifications with PTW ruby linac_infinity	uncertainties budget classroom
08:00	group 1	group 2	group 3	group 4
10:00	coffee break			
10:15	group 4	group 1	group 2	group 3
12:15	lunch » hospital canteen			
13:30	group 3	group 4	group 1	group 2
15:30	coffee break			
15:45	group 2	group 3	group 4	group 1
17:45	wrap-up session with groups presentation			
18:30	closure			

organization



UNIDADE LOCAL DE SAÚDE
TRÁS-OS-MONTES E ALTO DOURO

sponsors

