



Istituto Nazionale di Fisica Nucleare
SEZIONE DI ROMA



CENTRO NAZIONALE
PROTEZIONE DALLE RADIAZIONI
E FISICA COMPUTAZIONALE



SAPIENZA
UNIVERSITÀ DI ROMA

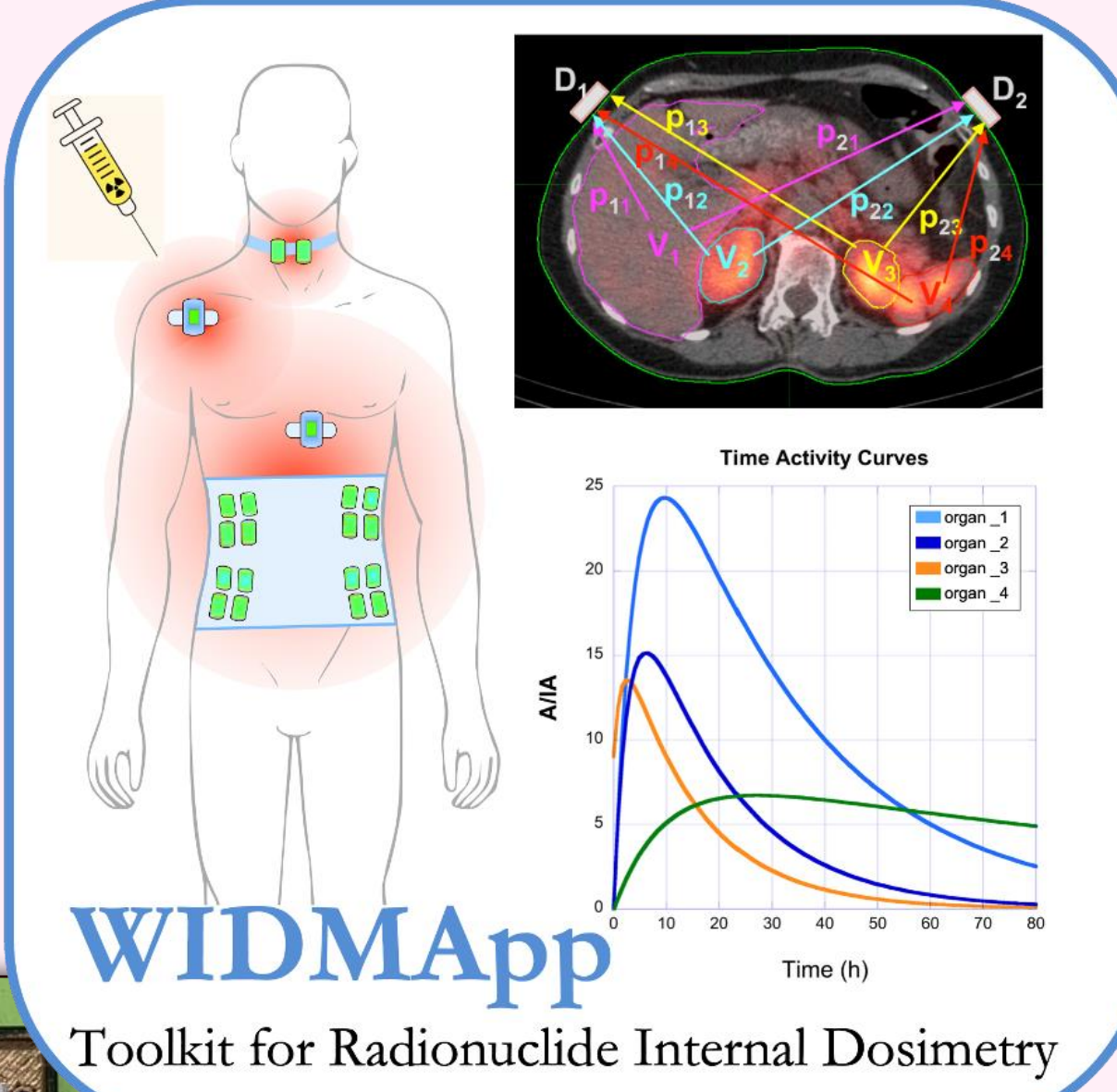
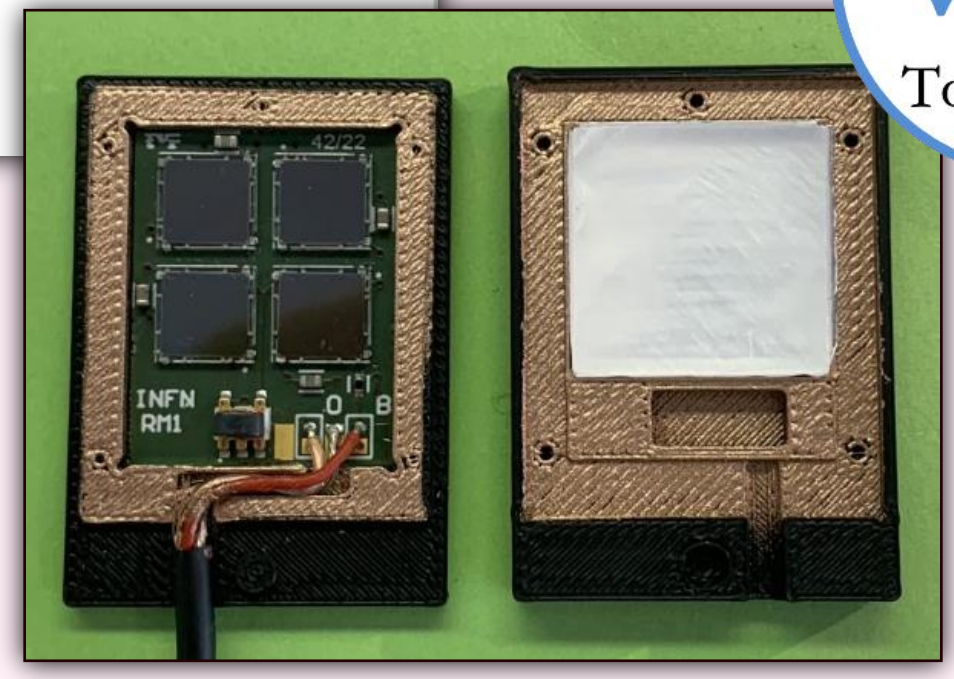
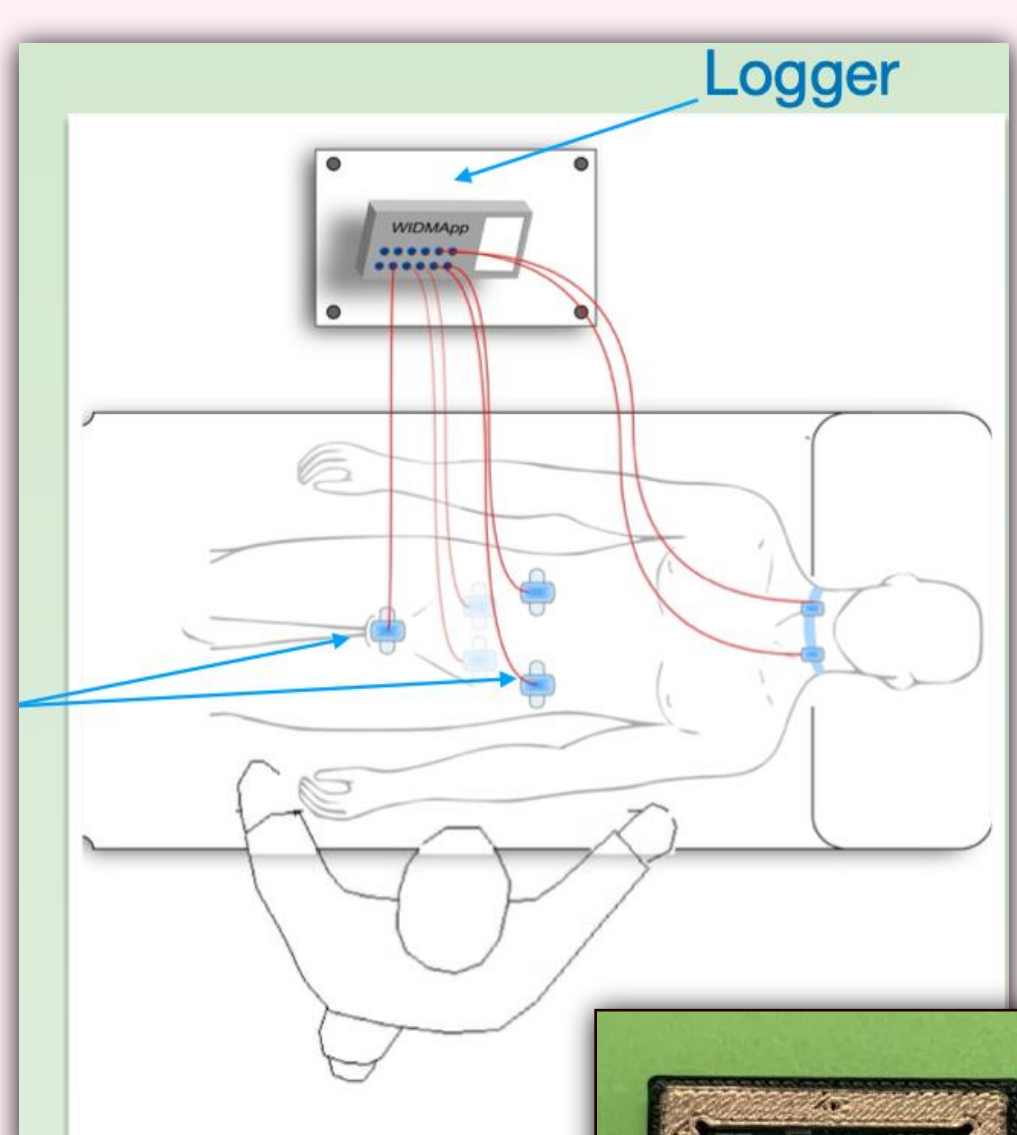
RADIATION PHYSICS FOR HEALTH

Thesis and research projects about techniques of radiation employment on patients' health collaborating with nuclear medicine and radiodiagnostics clinicians: hardware development of innovative technologies, simulations for imaging and dose estimation, test on patients,...



WIDMAApp

Wearable Individual Dose Monitoring Apparatus



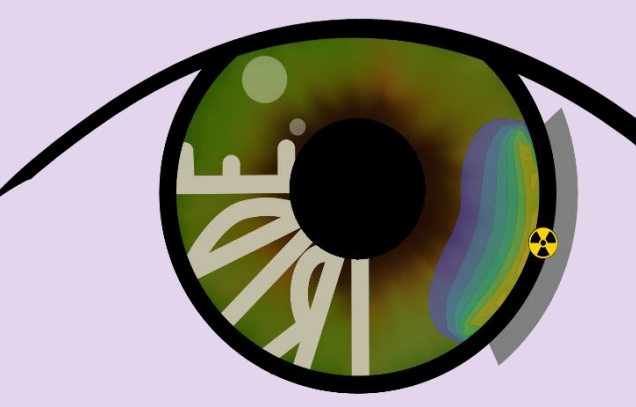
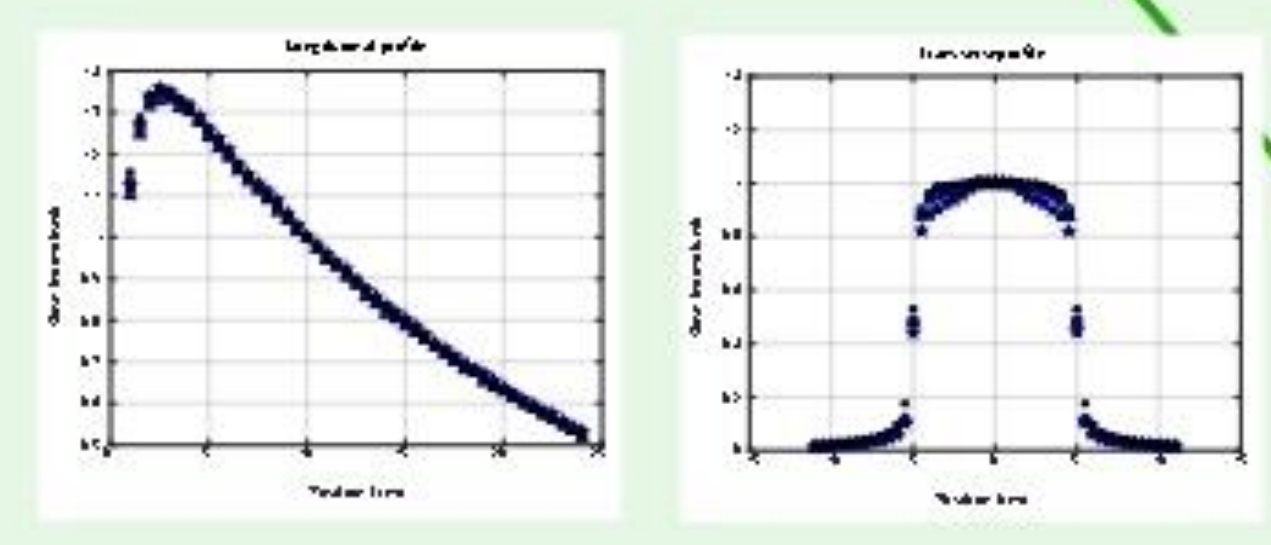
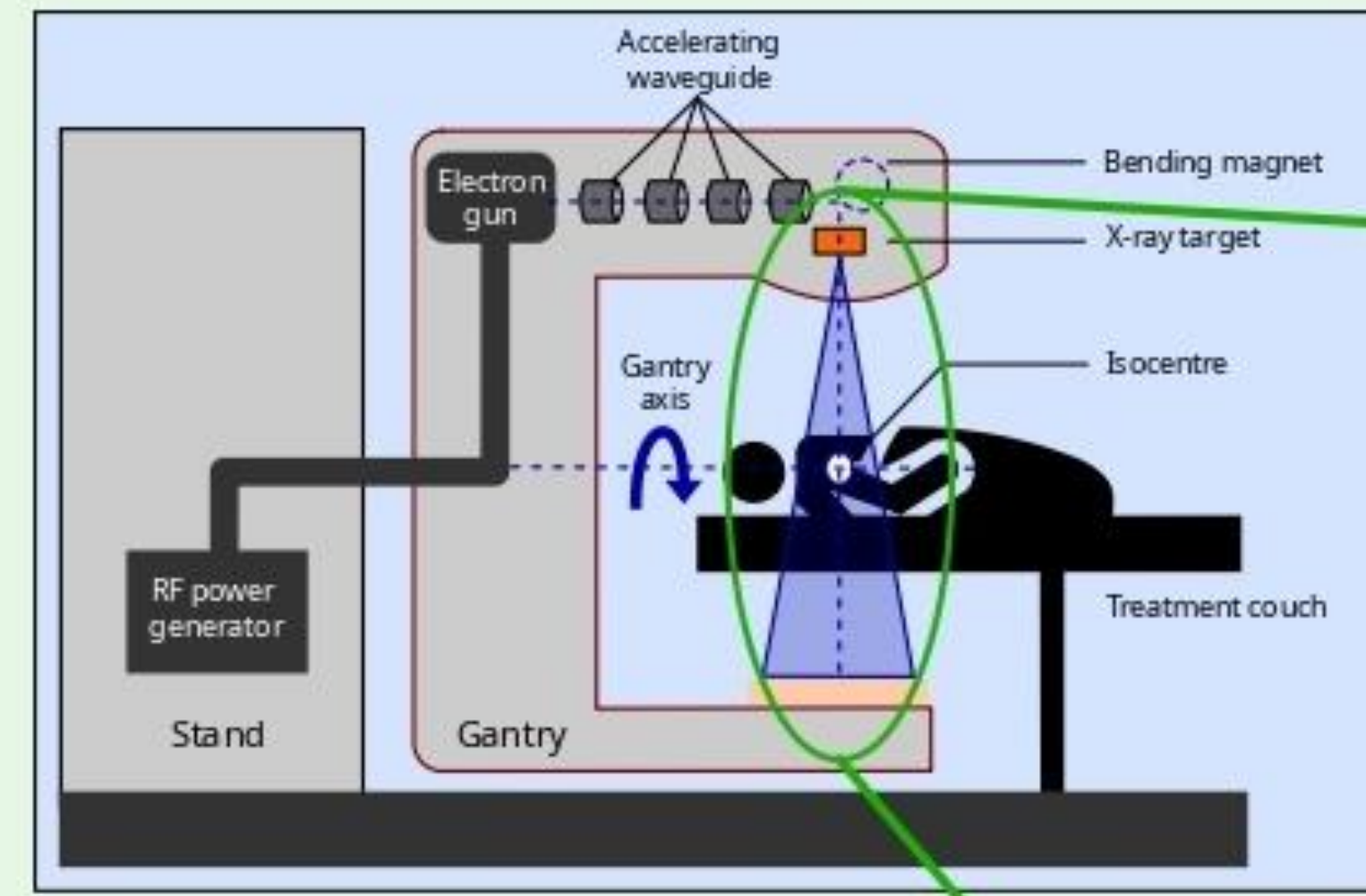
WIDMAApp
Toolkit for Radionuclide Internal Dosimetry

Medical Linac

Medical Linear Accelerator

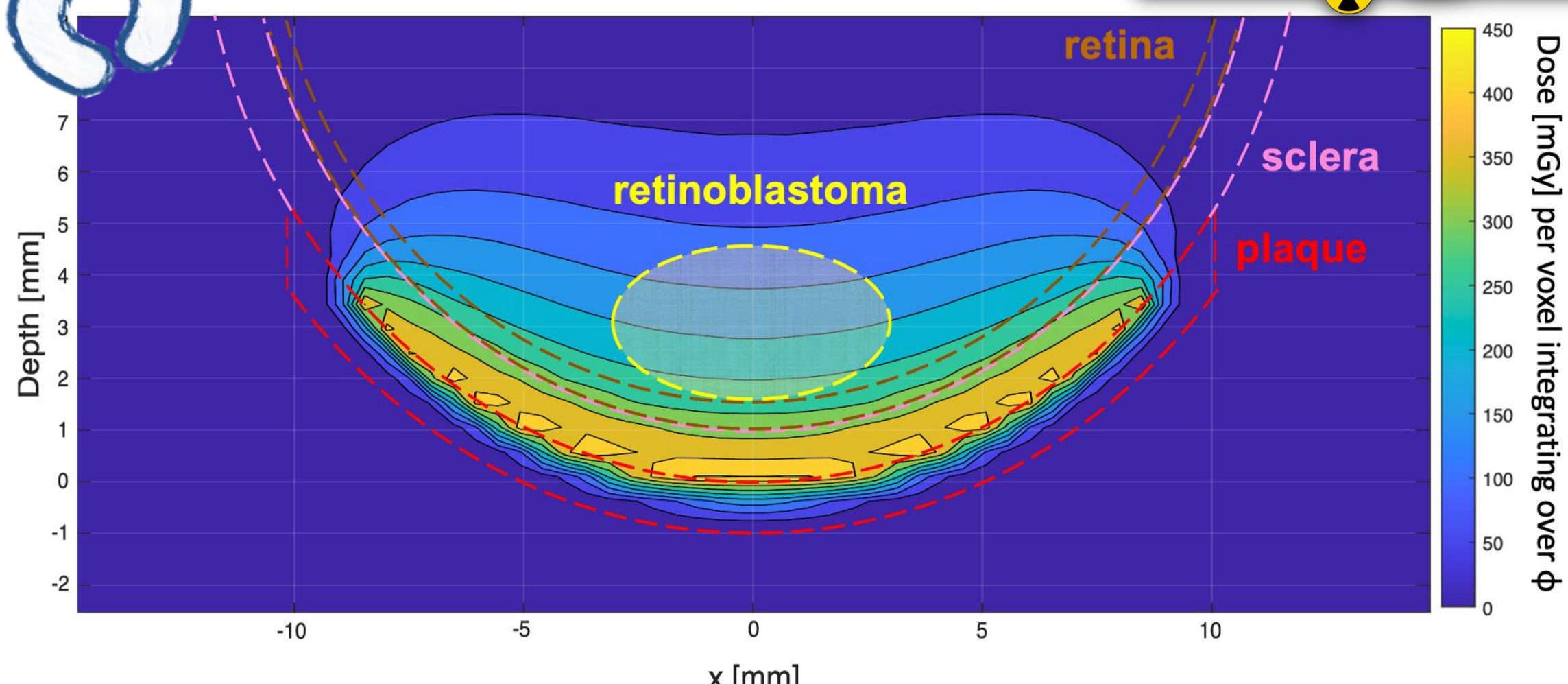
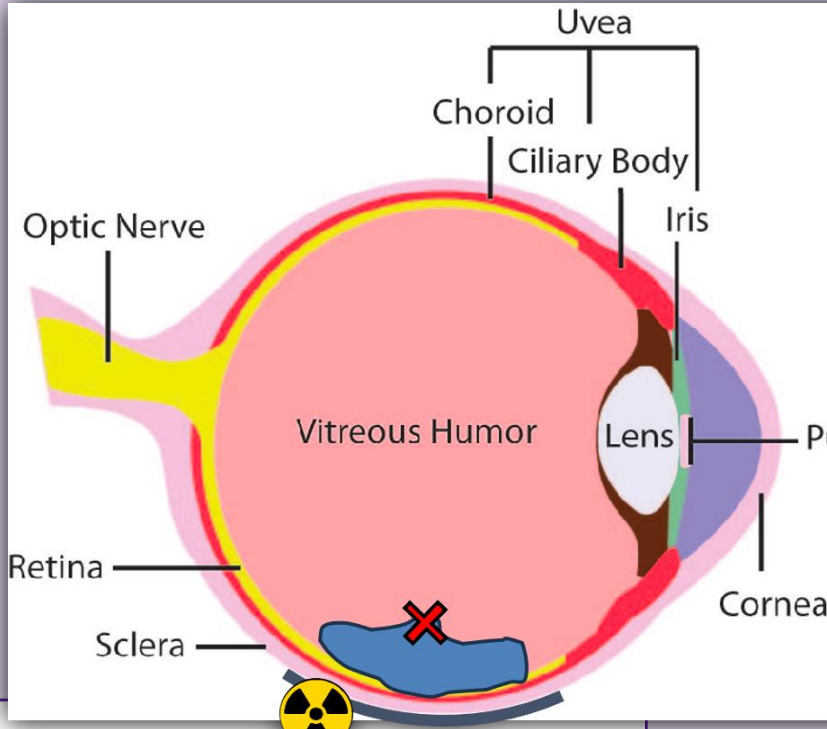


GEANT4 advanced example



IRIDE

Innovative Radlation Dose Estimation for pediatric retinoblastoma treatment enhancement



VITA

Virtual Imaging TriAls



Are you curious? Contact us:

riccardo.faccini@uniroma1.it francesco.collamati@roma1.infn.it micol.desimoni@iss.it elena.solfarolicamillocci@iss.it