

VirtualDose™ CT

VirtualDoseCT is a flexible, accurate solution to generating patient organ dose

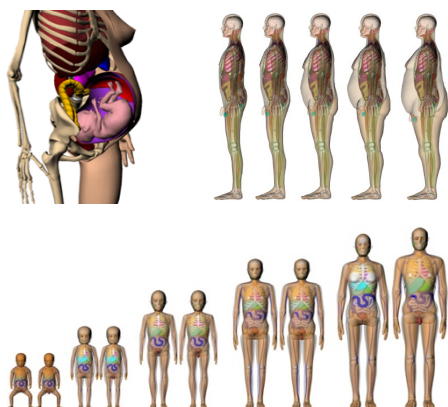
Pre-defined standard and custom scan ranges

Selectable kVp, collimation, bowtie filter, and overscan

Simulated CT images for better localization

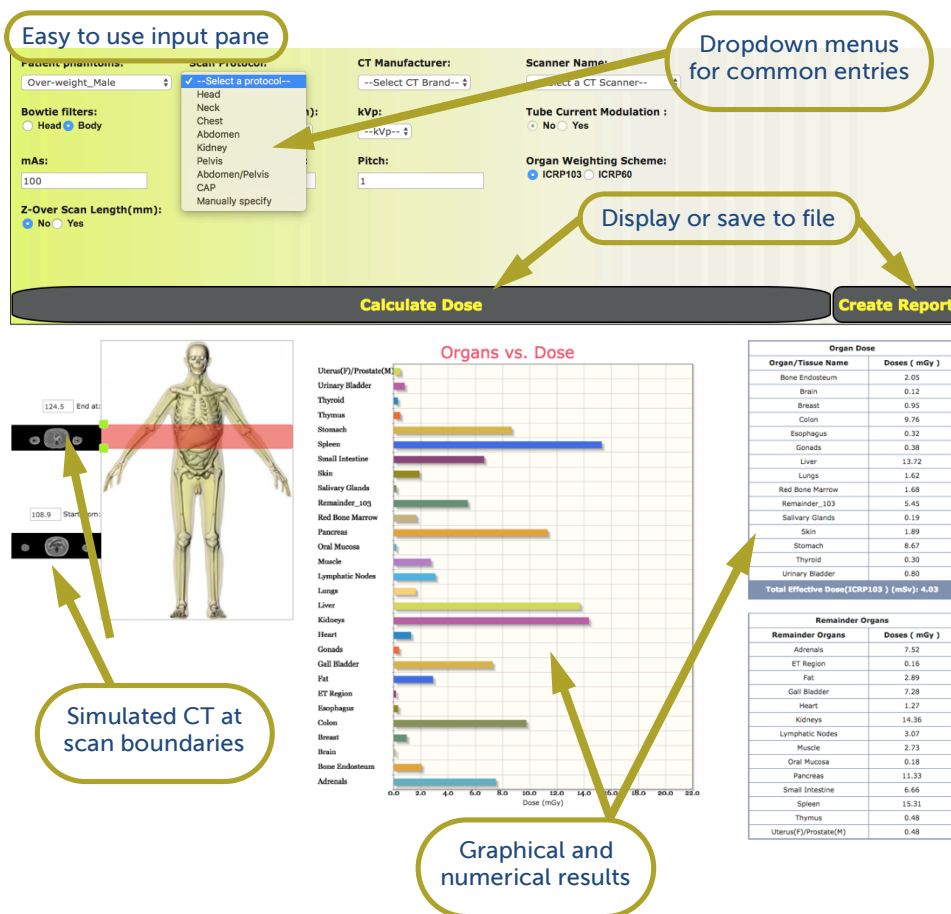
Dose to all critical organs and effective dose following ICRP 60 and 103

The complete family of Virtual Phantoms, including **adults** of various body sizes, **overweight and obese adults**, **children** from newborn through adolescent, and **pregnant** patients at three gestational stages



Patient organ dose and effective dose from CT

In order to make a realistic risk assessment, radiation dose needs to be known at the organ level for a model that reasonably resembles the patient being imaged. VirtualDoseCT provides a family of phantoms for dose calculation in an easy-to-use package to address a diverse patient population.



An Application Programming Interface (API) is also available for batch processing or integration with in-house software. Contact support@virtualphantoms.com to request the API guide and instructions

