

# VirtualDose™ IR

## Tracking patient dose from IR procedures

Use of IR in clinical applications continues to grow, and with it the magnitude of radiation dose received by patients. Long exposure times can subject patients to acute injuries to the skin and other tissues, but the large accumulated doses pose a long-term radiation risk that can be monitored and managed. VirtualDose provides an important tool to understanding and managing IR dose.

*VirtualDoseIR is a brand-new tool for estimating patient organ dose from Interventional Radiology procedures*

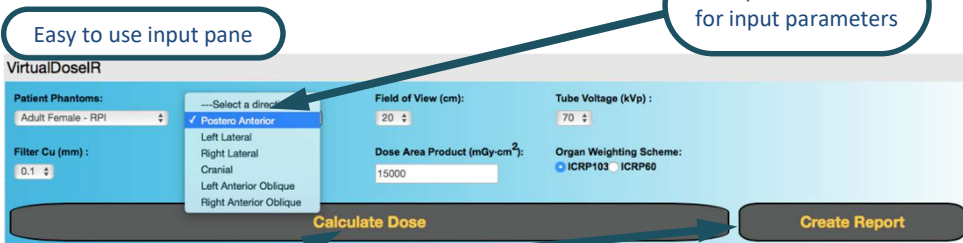
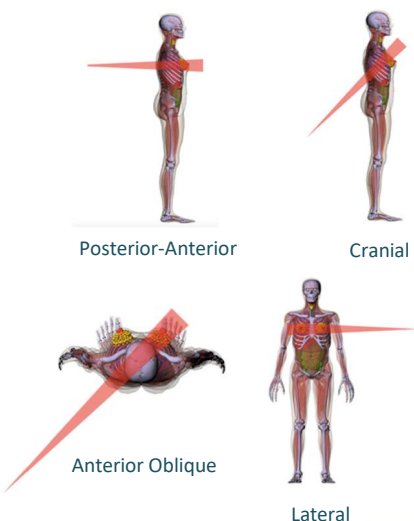
Selectable field size, kVp, filtration, position, and direction

Output defined by DAP or air kerma rate and time

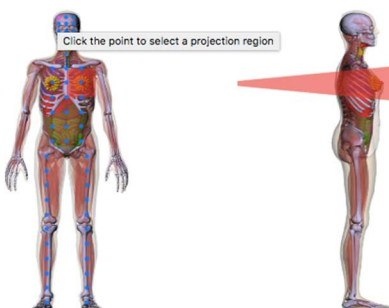
Peak Skin Dose estimate

The same well-regarded family of Virtual Phantoms, including **adults** of various body sizes, **overweight and obese adults**, **children**, and **pregnant patients**

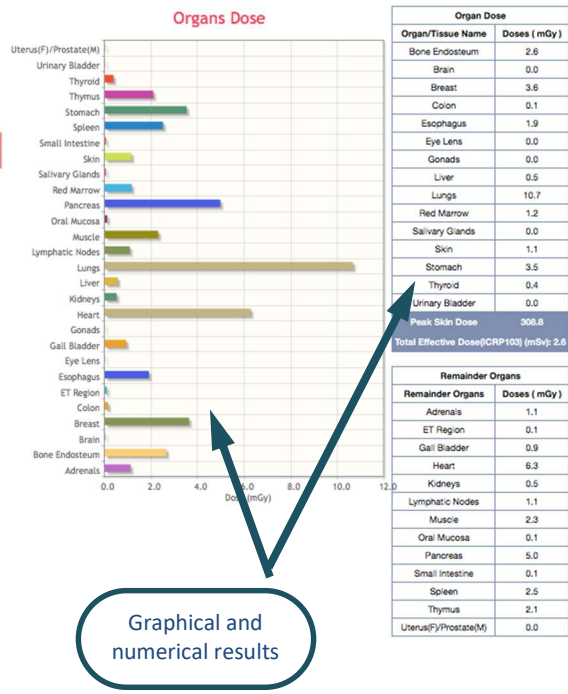
Visualization of the IR field on the phantom for each type of projection



Display or save to file



Beam localization in two orthogonal views



Graphical and numerical results

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

