VirtualDose™
A product of Virtual Phantoms, Inc.

Monitor Medical Radiation Dose - Increase Patient Safety

VirtualDose™ DX

*VirtualDoseDX extends our Monte Carlo–based dose estimation expertise to radiographic (X-ray) exams.*

Wide Exam Coverage — chest, abdomen, spine, extremities and more

Customizable Parameters — adjust x-ray output, orientation/geometry to match site specifics techniques or patient protocols

Flexible Output Units — EAK , EAK , KAP, and mAs to mirror machine outputs

Consistency Across Modalities — unified workflow with VirtualDoseCT and VirtualDoseIR for cross modality comparisons

Validated Accuracy — aligned with ICRP methodology, benchmarked against phantom data and literature
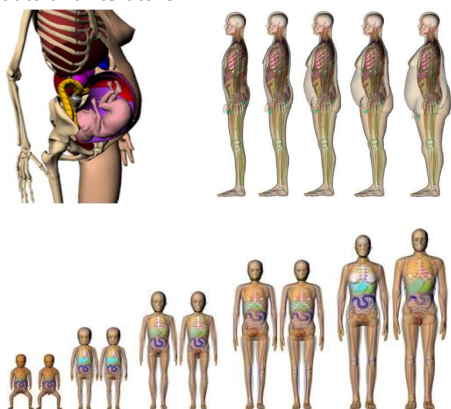
Accurate radiation dose information for standard radiographic studies.

VirtualDoseDX performs science grade dose modeling for radiographic (X ray) exams. It enables clinicians, physicists, and researchers to obtain organ level and effective dose estimates, adjust techniques to match local protocols, and generate clear reports for QA, patient communication, and research.

Dropdown menus for common entries

Easy to use input pane

Display or save to file

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 to request the API guide and instructions

VirtualDose™ CT
VirtualDose™ IR

Virtual Phantoms also offers a product for CT and Interventional Radiology dose. Find out more at virtual-dose.com

VIRTUAL PHANTOMS, INC.

1425 Central Ave, P.O. Box 5681, Albany, New York 12205-5681
www.virtualphantoms.com