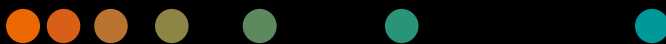


UpSkill Services

VR Dosimetry

Transforming and upscaling healthcare education and training



Every year, more than 3.6 billion X-ray examinations are being performed worldwide. For patients, the estimated rate for radiation errors like overexposure is 15 per 10,000 treatment courses.¹⁾ Clinical staff working in a hybrid OR have a higher cancer risk because they are exposed to radiation everyday.²⁾ Inappropriate use of medical radiation and insufficient protection increase the risk even further. Continuous radiation safety training is crucial to improve both staff and patient safety as well as satisfaction.

[siemens-healthineers.com/virtual-education-solution-for-artis-systems](https://www.siemens-healthineers.com/virtual-education-solution-for-artis-systems)

VR Dosimetry is an interactive radiation safety training based on 3D models of products from Siemens Healthineers.

- **Increase efficiency in staff education** with a virtual and interactive radiation safety simulation, replacing up to 50% of practical training
- **Let staff learn at their own pace** with Virtual Reality sessions on radiation emission control and patient positioning
- **Improve radiation knowledge of your workforce** by selecting different use cases of interventional procedures with a range of various roles and examination rooms



1) WHO: Patient Safety Facts: www.who.int/features/factfiles/patient_safety/patient-safety-fact-file.pdf?ua=1

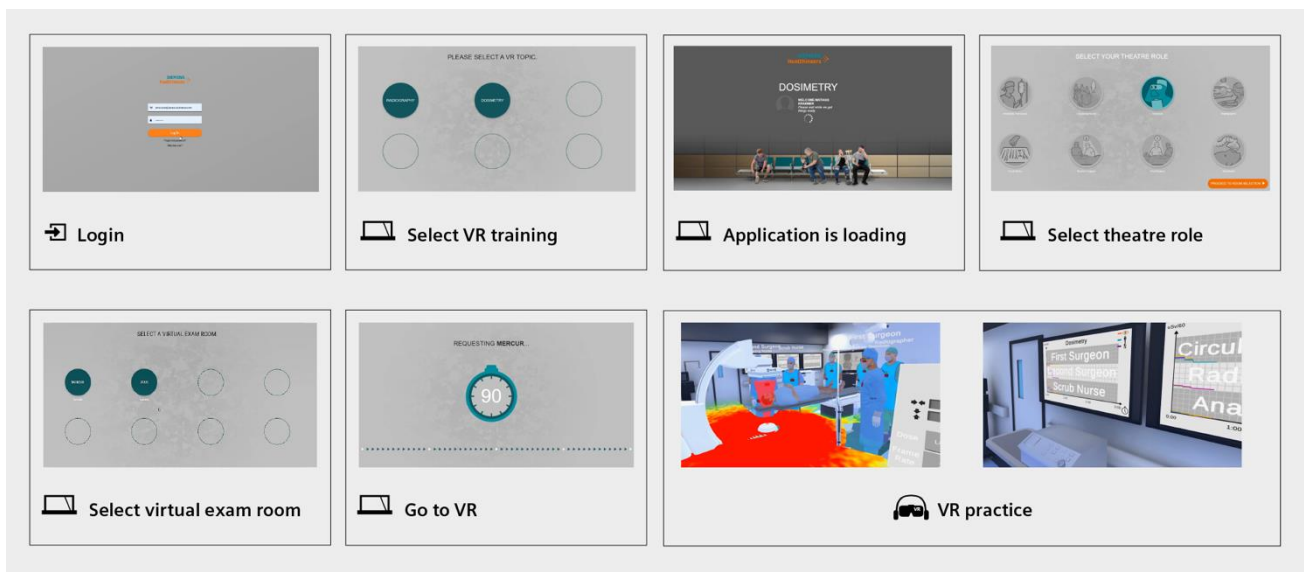
2) Journal of Robotic Surgery: www.researchgate.net/publication/325072731_Radiation_exposure_for_the_surgical_team_in_a_hybrid-operating_room

VR Dosimetry – your step-by-step guidance for safe radiation exposure.



- Selection of use cases
- Control of collimations
- Visualization of radiation exposure and collimations for a better understanding
- Positioning of individuals and radiation protection
- Real-time evaluation of individual radiation absorption

In 7 steps to your VR Dosimetry training



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