



Laerdal®
helping save lives



Virtual I.V.®

Deliberate Practice with Feedback

The Adult Virtual I.V.® is a comprehensive and fully interactive self-directed learning system and simulator for training intravenous catheterization. Its self-directed instructional design guides learners through a complete course of study, progressively improving their skills and knowledge.

Powerful 3D graphics provide realism while a state-of-the-art force feedback haptic device accurately simulates the sense of touch for a truly immersive simulation experience.



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Virtual I.V.®

Practice needle procedures with life-like patient anatomy in real-world scenarios:

- State-of-the-art force feedback provides realistic feel in terms of skin stretch, palpation, size, and insertion forces
- Allows user to perform a two-finger skin stretch technique appropriate to the procedure
- Supports arterial palpation at both temporal scalp sites and the arm, allowing the pulse to be felt by the user; defining artery location
- Over a dozen pieces of virtual equipment can be used to perform the medical procedure

Powerful 3D graphics provide visual realism creating an immersive environment:

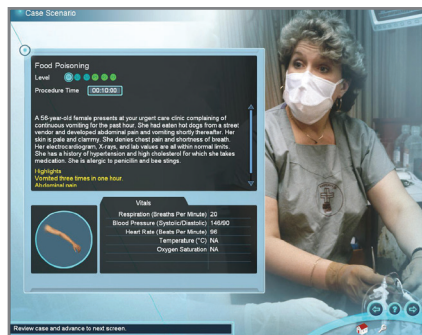
- Software with powerful 3D graphics is available in 3 versions- Inhospital, Prehospital and Military to customize the training for each discipline
- The Anatomical Viewer allows the student to reposition the arm and isolate particular anatomical features (i.e.: skin, nerves, arteries, muscles, fascia and bones)

Simplify training and skills sustainment using the V.I.V. self-directed, self-paced learning system:

- Over 40 unique, anatomically accurate, interactive 3D models that span human variation in terms of ethnicity, size, age and sex
- Virtual I.V. simulation provides standardized educational content, training methodology and performance measurement
- The self-directed learning system records and evaluates student's performance and presents a thorough debriefing following each case
- Applies to multi-level education; Initial and Continuing Education through to Remediation and Recertification



Virtual patients respond with bleeding, bruising, swelling, as well as other patho-physiological reactions



A comprehensive portfolio of 150 case scenarios presents students with the clinical information needed to execute each procedure, build decision-making skills, challenge their knowledge, and master the procedures required to perform cannulation



The debriefing gives students positive reinforcement, as well as clear text and video instruction that can be used to improve their abilities and training



Case scenarios, simulations, automated debriefing and rich educational content enable students to master all aspects of peripheral venous catheterization



Virtual I.V. System:

* Virtual I.V. System requires 1 each of the following (purchased separately):

Device*:

280-0000 | Haptic Device, Virtual I.V.

Viewer:

280-0450 | V.I.V. Anatomical Viewer

Software*:

280-0420 | V.I.V. Inhospital Software Module
280-0430 | V.I.V. Prehospital Software Module
280-0440 | V.I.V. Military Software Module

Computer*:

280-0010 |

Desktop Computer

Services:

280-00050EXWI
280-00001LNR

Virtual I.V. Extended Warranty (1 year)
Virtual I.V. Loaner Program (1 year)

Upgrades:

280-2010 |

Virtual Phlebotomy Upgrade Kit
Add Virtual Phlebotomy to your V.I.V. System.
Includes phlebotomy needle and software.

