

Self-directed I.V. learning system



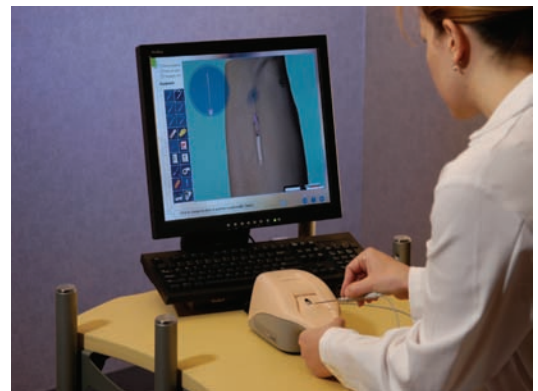
Virtual I.V.

Educationally Efficient Self-Directed Learning of I.V. Procedures

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

Virtual I.V.'s powerful 3D graphics provide realism while a state-of-the-art force feedback device accurately simulates the sense of touch for a truly immersive simulation experience.

Case scenarios, simulations, automated debriefing, remediation and rich educational content enable students to master all aspects of intravenous catheterization.

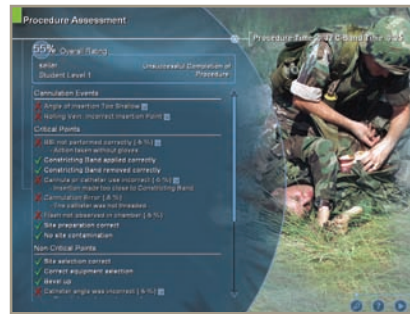


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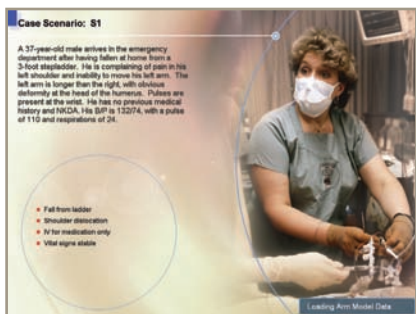
Realistic simulations hone student's psychomotor and cognitive skills. Virtual patients respond with bleeding, swelling and other patho-physiological reactions. Learners select from more than a dozen pieces of virtual equipment to perform the medical procedure while over forty unique patient models span human anatomy and physiology.



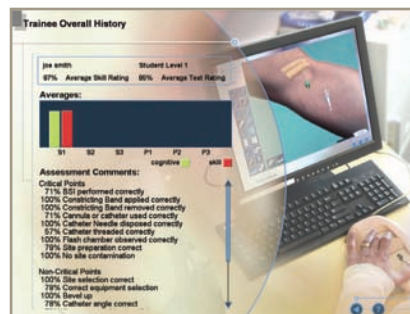
The Virtual I.V. self-directed learning system records and evaluates student performance and presents a thorough debriefing following each case. Detailed information in the form of references, instructional videos and animations help students quickly understand how to improve their performance and improve their knowledge.



Virtual I.V. offers learners access to hundreds of case scenarios and is uniquely suited to a wide range of care providers and competence levels. Each case scenario is customized to suit one of four target audiences: nurses, doctors, emergency medical services personnel or military care providers.



The Virtual I.V. includes a basic learning management system that gives instructors a clear picture of student performance. Instructors can use this information to intervene and help individual students progress or to refine the content of the classroom education to optimize student performance.



Benefits:

Improves training effectiveness

- Standardizes educational content
- Standardizes training methodology
- Standardizes performance measures

Improves training efficiency

- Improves availability and quality of classroom time by allowing instructors to focus on highest educational priorities
- Helps instructors identify student needs and optimize their programs
- Students learn with less instructor's time

Improves student learning experience and motivation

- Rich content, immersive simulations and game-like challenges engage today's students
- Students learn at their own pace in a non-intimidating environment
- Enables students to experience abnormal, difficult or uncommon cases

Multi-level applicability

- Initial education
- Continuing education
- Remediation and recertification

For detailed information, please contact your local Laerdal sales representative.

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