

Global Simulation-based Medical Training - New Solutions to Old Problems

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In the days when very large numbers of medical personnel throughout need to maintain and expand their diagnostic skills and knowledge, there are no methods that can efficiently create "global medical classrooms" where leading experts acquaint their worldwide audiences with the latest advances in medicine. Equally, despite recent development of highly advanced medical simulation technology whose application enhances the quality of training and eliminates possibility of endangering the patient, the prohibitive costs of such technology make it inaccessible to all but the few richest academic institutions of the world. A new, revolutionary approach to the solutions of both problems is based on the extensive use of the Internet, multimedia technology, and real-time, fully interactive Human Patient Simulation providing worldwide access to medical training expertise and the latest training technology. The approach, developed and tested by MedSMART, assures essentially free-of-payment access to the most expensive form of medical education to practically any medical practitioner in the world with a functional access to the Internet.