

**DEVELOPING CUSTOMIZABLE, CONSTRUCTIVIST,
MULTIMEDIA, ON-LINE MEDICAL EDUCATION FOR LOW
AND HIGH BANDWIDTH USERS TO MEET PATIENT CARE
AND INTERPERSONAL COMMUNICATION COMPETENCIES**

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Introduction:

Medical Education Directors and Developers will learn of an online program developed with NIH study funding that can help individuals meet educational competency and state CME requirements. The program's constructivist pedagogy allows learners to a.) adapt the content to their level of knowledge, b.) control informational pace/flow, c.) manage simulated patients in 5 different specialties, d.) download practice resources, forms, and patient education materials, and e.) select which state's domestic violence reporting requirements will populate throughout the cases. Software features include a.) a graphically-rich Personal Digital Assistant (PDA) interface and iconography that categorizes the learning areas of the program, b.) cross-platform and cross-browser access to multimedia content for low and high bandwidth users, c.) a reporting tool displaying users' access of learning resources and answer selections, allowing identification of individual and group knowledge gaps.

Abstract:

Intimate partner (domestic) violence (IPV) is a frequent, yet under-recognized, cause of visits to health care professionals. Effective management of IPV requires good communication skills, professionalism, and appropriate use of community resources. "Responding to Intimate Partner Violence" is a customizable online program that helps medical students and physicians screen for, respond to, document, and manage patients suffering from abusive relationships. This presentation will discuss: a.) developing interactive, case-based content for an online environment that incorporates adult learning theory, b.) multimedia programming tools and processes, d.) usage and educational outcomes data from medical students and practicing physicians. Audience members will learn of tools, techniques, and development processes they can employ to develop similar online educational programs.