Simulation and the Electronic Health Record Position Statement

The BC Simulation Network [BCSN] community of practice recognizes the imperative need to capitalize on the integration of simulation and the growing role of the electronic health records [EHRs] across the health and care continuum, including patient interactions with their own records.

Simulation in health care education has consistently shown positive effects on knowledge, skills, attitudes, behaviors - and ultimately patient outcomes. Emerging literature suggests that simulation can consolidate learning, support systems integration, and contribute to realizing the promised benefits of EHRs. These benefits enhance patient safety and quality of care, leading to improved health and care experiences.

The BCSN supports the intersection of health professions education, simulation practice, technology application, ongoing competency development, and the delivery of health services. We invite stakeholders in both the pre and post licensure settings to participate in objective focused implementation of strategies that enable simulation interactivity with EHR's. These strategies will be most effective when informed by standards, current literature and consensus statements, lessons learned from past EHR implementations and ongoing stakeholder engagement. Best practices and levels of realism in simulation, health informatics and human factors should form the foundation of this work.

This engagement will position the simulation community to support future clinicians with a strong health informatics foundation and will benefit current clinicians, teams and organizations during the planning, implementation and optimization phases.

Prepared by the BCSN EHR Working Group

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