Utilizing Information Technology for the Development of Customized Resources for Specialty-Based Bedside Clinicians

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Purpose
This project is the development and implementation of a multimedia website that is easily accessible 24/7 by point of care clinicians. Historical methods of information communication (meetings, e-mails, resource binders, skills fairs) became inadequate to meet patient care needs due to attendance challenges, lost e-mails and outdated information in binders. Skills fairs incurred overtime.

Setting & Design
• Setting is 5 adult intensive care units in 2 separate buildings on one campus
• A central repository of resources was built to address the complex needs of adult critical care patients.

Methods
• Software: Adobe Dreamweaver, Adobe Photoshop, Grass Valley Edius editing software, Xythos content management
• Accessible by clinicians from their computers at the bedside used for electronic documentation.
• Changes/upDATES are accommodated quickly by a department Webmaster
• Security is enabled with a firewall; Conformity with institutional website visual standards.

Adult Critical Care Website
Defaults to an Updates Page:
• General Updates
• Links to professional development opportunities

• LINKS to documents / folders of documents
• LINKS to internal and external websites

Outcomes
Nine months post implementation survey:
94.7% of staff (n=39) had accessed the website at least once
Ratings on Usefulness and Helpfulness = average 3.61 (Likert scale 1-4 with 4 being the most useful/helpful)

Staff Comments:
“Excellent resource”
“Well done and an excellent orientation tool”
“It’s a fantastic website! Kudos to the creators”