

2008-05

A Proposed Interdisciplinary Workflow to Identify Valuable Electronic Learning Resources

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Background

- A large amount of medical educational material is on the Web.
- E-resources are typically used for individual study.
- A streamlined filtering process is needed to identify and select the most useful e-resources for students and instructors, and moreover to enable innovative teaching applications for e-resources, beyond individual study.

Methods

- The Health Sciences Libraries and ENCORE propose a systematic, centralized process to incorporate web-based e-resources in medical school learning experiences.
- Develop a stepwise discovery and analysis procedure for e-resources, utilizing expertise of librarians, medical students and faculty.

Results

- “Hyperglycemia “ was used for a pilot problem topic.
- Librarians identified over 30 useful web-based e-resources in this topic for review, focusing on multimedia content.
- Committee and M4 student reviewed these e-resources, identified the most useful ones, and developed innovative uses for integrating into teaching.
- Librarians will identify problems of access, copyright, and permission issues and find solutions.

Future Steps

- Refine and standardize the e-resource generation process.
- Implement best e-resources with innovative educational applications in learning experiences, and obtain student feedback.

The process is similar to a distillation: start with a large volume of content and reduce it to the most useful e-resources for medical education and for innovative integration into teaching

