A Practical Guide to Developing Web-based Curricula

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Abstract

**Background:** Web-based education has created an entirely new level of interest and momentum for distance education. Schools, colleges and universities and businesses are attempting to offer more of their instruction and training on the web and through other distance education delivery methods. Informational websites certainly have their use, but a teaching site will be most effective if it stimulates active learning. While incorporating active learning in a medical educational website is not difficult, it does require thought and planning.

**Materials and methods:** This study is a review article based on the information and data, which is published in the Internet, journals and associated research.

**Results and conclusion:** Designing web-based learning involves more than simply putting together a colorful web page. On line curriculum requires the teacher to carefully construct a program that integrates principles of active learning, motivation and evaluation with creative web design.

Based on composing several modeling techniques for web-based curriculum, especially Cook and Dupras modeling (2004) and Chien Chou and Chin-chung Tsai modeling (2002) we recommend below the key steps in developing a medical educational website: define target students and their needs, identify instructional objectives, determine technical resources and needs, secure commitment from all students and identify and address potential barriers to implementation, select the scope of subject content, organize sequence and structure, select presentation methods and media, design assessment activities and pilot the website before full implementation.

**Keywords:** web-based learning, web-based curricula, E-learning, virtual education