

**Medical interns' clinical skills acquisition and self-confidence levels:
Enhanced via video iPods?**

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Abstract

Creating an engaging, sustaining, and convenient learning experience that promotes self-regulated learning and purposeful knowledge construction for medical students is important. The authors set out to investigate the effects of educational videos delivered via the ubiquitous video iPod on medical interns' (control = n10; experiment group, n=11) competency to perform female and male urinary catheterizations, self-confidence levels, and satisfaction.

Catheterized patients are at an increased risk of device-associated hospital-acquired infection and urinary catheterization is one of the first invasive procedures learnt by healthcare professional students. Furthermore, it is a procedure often left to junior staff that may not be confident in performing the skill. Learning correct technique is paramount in order to decrease morbidity and the cost of medical care.

The educational objective associated with the comparative competency assessment is to begin to develop objective measures of medical interns' skills' competencies and to decrease practice time on patients in the clinical setting. Educators may take advantage of current mobile technologies, such as Apple Computer's video iPod, in order to deliver educational materials and provide opportunities for necessary repetition of learning. The research project was conducted at the Advanced Clinical Skills Center at the University of Auckland and at the time of writing the authors are waiting for a more detailed analysis of the data.