

All things e in physiotherapy e-ducation

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This presentation will discuss three innovative technological applications that can be used to enhance entry level physiotherapy education. These are 1) e-portfolios, 2) Scenario Based Learning interactive (SBLi[®]) and 3) telesupervision for clinical learning in rural and remote placements. Each e-learning tool will be discussed in light of implementation at UQ.

Portfolios are used commonly in physiotherapy education; however we have developed an e-portfolio that is mapped to the Australian Standards for Physiotherapy (ASP). The e-portfolio allows students to assemble evidence through the completion of assignments developed by the program team. Reflection on the task is then completed on the e-portfolio which is mapped to the ASP. This enables students' to evidence the learning tasks, activities and experiences that contribute to each standard prior to graduation.

SBLi[®] provides an online medium for interactive learning engaging current technology to present problems in a virtual setting. SBLi[®] is being used to develop clinical reasoning skills around choice of handling methods and/or equipment for safe patient handling. These skills are developed using e-learning problems and scenarios devised to mimic common patient clinical situations encountered by physiotherapists. SBLi[®] is used to increase the students' engagement with individual patient handling problems.

Telesupervision is a viable option for supporting physiotherapy students on clinical placement in rural and remote placements. The eHAB[™] system, developed at UQ, is a portable, wireless videoconferencing system with a large array of physiotherapeutic measurement tools. The innovation of this system is that it allows telesupervision to be conducted at the 'bedside'.