
E Learning and E Health Initiatives within Health Rehabilitation Sciences Group of U21

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Background

- U21 Meeting Lund 2005 decision to survey U21 HRS members regarding e learning and e health initiatives at their Universities.
- Survey developed by Sylvia and Lorraine in consultation with telerehab group at UQ.
- Responses from Nottingham, Birmingham, Lund, Queensland, Melbourne, Auckland, British Columbia, McGill, Hong Kong.

Findings – E Learning Initiatives

Speech Pathology

- Blackboard; email; discussion lists; Internet.
For UG and graduate entry students (Queensland)
- currently developing a new e-learning version
of our Masters level dysphagia course (Auckland)
- none (McGill)

Audiology

- none (Hong Kong)

Findings – E Learning Initiatives

Occupational Therapy

- Blackboard; email; discussion lists are used within email and Blackboard platforms for all courses UG & graduate entry (UQ)
- Email replies by standardized patients/ occupational therapists for home visits where a client's scenario and home visit (digital photos and video-clip of various rooms in the house) are placed on Blackboard (UQ)
- Students email questions to the standardized patient and OT regarding the web based home visit clips (UQ)
- Research methods, driving assessment, Web CT as a supplement to all courses. Web CT is used for both UGs and PGs, distance learning for PGs only (McGill)

Findings – E Learning Initiatives

Physiotherapy

- Blackboard or Web CT platforms -posting lecture/tut/prac notes commonly used for UG and grad entry teaching and some on line examination (UQ, Melbourne, Lund, Nottingham, Birmingham, UBC, McGill)
- Internet, intranet, email, discussion lists (UQ, Melbourne, Lund, Nottingham, Birmingham, UBC)
- DVD/video presentations/web based materials (UQ, UBC)
- Videoconferencing and use of chat rooms (Melbourne)
- Online PBL for entry level students (Melbourne)

Cross-Institutional e-learning Activities

Physiotherapy

- internet; email; discussion lists; partly web-based courses in scientific methods and courses for industrial physiotherapists (Lund)
- evaluating links with U Sydney Australia re Pain (McGill)
- developing e-learning packages (Melbourne)
- none (Birmingham, Nottingham, Queensland, UBC)

Occupational Therapy

- none (Queensland)

Speech pathology / science

- none (Auckland, McGill, Queensland)

Telerehabilitation

(service provision and research)

- *Telerehabilitation refers to activities/initiatives that provide rehabilitation expertise to clients (e.g. provision of advice to service providers about a client via email or videoconference or provision of expertise directly to clients in their own homes or at other clinical centres).*

Telerehabilitation - Clinical Services

Physiotherapy

- link with Continuing Medical Education Network (McGill)
- telehealth (UBC)
- a little through the Children's hospital (Melbourne)
- none (Queensland, Lund, Nottingham, Birmingham)

Telerehabilitation - Clinical Services

Occupational Therapy

- none (Queensland)
- link with Continuing Medical Education Network (McGill)

Speech pathology / science

- advice about clients via email (Queensland)
- assessment and treatment of people with Parkinson's disease (Queensland)
- none (Auckland, McGill)

Audiology

- email to clients of Audiology; videoconferencing with experts from overseas on patient treatment (Hong Kong)

Telerehabilitation - Research

McGill

- Driving assessment.
- Interdisciplinary but primarily occupational therapy

Lund, Nottingham, Birmingham, Melbourne, UBC

- none

UQ – Telerehabilitation Research Group

- Some projects are discipline-specific and others are interprofessional and involves collaboration between physiotherapy, occupational therapy, and speech pathology.

UQ Telerehabilitation Research Group

- Dr Trevor Russell

