

REHA 7007 INTEGRATING RESEARCH INTO PHYSIOTHERAPY PRACTICE

Credit Points 10

Legacy Code 401050

Coordinator Clarice Tang ([https://directory.westernsydney.edu.au/search/name/Clarice Tang/](https://directory.westernsydney.edu.au/search/name/Clarice%20Tang/))

Description From 2018 students should take 401109 Integrating Research into Physiotherapy Practice. In this unit, students will further develop their evidence based practice skills and knowledge by applying it in practice settings. This will involve applying the academic knowledge and skills from three prior evidence based practice and research units by synthesising it with their clinical experience and skills. Students will be allocated a topic area from which they will identify a clinical "problem" or health-related issue. Students will then plan and design a robust research project to answer this question. Students will be expected to reflect on the barriers and facilitators of evidence-based practice, and develop strategies and interventions to be used to facilitate the implementation of evidence in practice by clients and health care practitioners. This unit also involves students developing leadership and educator skills by facilitating and participating in a journal club.

School Health Sciences

Discipline Physiotherapy

Student Contribution Band HECS Band 2 10cp

Level Postgraduate Coursework Level 7 subject

Pre-requisite(s) HLTH 3005 OR
HLTH 4002 AND
REHA 7001 OR
REHA 7002 OR
REHA 7003 OR
REHA 7004

Restrictions

Students must be enrolled in 4662 Bachelor of Health Science/Master of Physiotherapy, 4667 Master of Physiotherapy or 4668 Bachelor of Health Science (Honours)/Master of Physiotherapy.

Learning Outcomes

On successful completion of this subject, students should be able to:

1. Identify an evidence-practice gap in clinical practice.
2. Generate a structured clinical question about an intervention for a clinical scenario.
3. Plan and design a robust research study for a specific population group ranging from movement control to lifestyle issues, remediation to health promotion.
4. Critically reflect on outcomes of prior research and justify research methodology.
5. Design strategies and interventions to facilitate the implementation of evidence by clients and practitioners.
6. Effectively communicate verbally and in a variety of written formats as required in various contexts e.g. clinical and academic.

Subject Content

Advanced, applied physiotherapy research practice including:

- planning An evidence-based research Topic investigation
- theoretical and practical strategies to execute An evidence-based research investigation in A range of practice areas
- theoretical and research-identified Facilitators and barriers to evidence based practice in clinical practice
- Critical reflection on The execution of The evidence-based research investigation and identification of future learning needs
- advanced skills in reading and interpreting physiotherapy research evidence
- physiotherapy evidence for specific population groups, e.g. Arthritis, back pain, occupational injury
- leadership skills to effectively facilitate and participate in A group Activities, such as A journal club
- verbal and written skills

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Item	Length	Percent	Threshold	Individual/ Group Task
Presentation in Journal Club Format	20 minutes	20	N	Individual
Written Essay	2,500 words	50	N	Individual
Professional Task	1 page or no longer than 5 minutes	30	N	Individual

Prescribed Texts

- Herbert, R., Jamtvedt, G., Hagen, K. B., & Mead, J. (2011). Practical evidence-based physiotherapy (2nd ed.). Edinburgh: Elsevier/ Churchill Livingstone.

Teaching Periods