

# REHA 7009 NEUROLOGICAL PHYSIOTHERAPY PRACTICE

**Credit Points** 10

**Legacy Code** 400987

**Coordinator** Fran Moran ([https://directory.westernsydney.edu.au/search/name/Fran Moran/](https://directory.westernsydney.edu.au/search/name/Fran%20Moran/))

**Description** This subject introduces the scope of physiotherapy practice in Australia and around the world as well as ethical and professional behaviours and communication skills required by physiotherapists. Students will develop skills in conducting simple subjective and objective examinations of posture, range of movement, muscle strength and length and providing gait rehabilitation. These knowledge and skills will be applied to the physiotherapy management of clients with acute neurological disorders. physiotherapy contexts. Neurological competencies addressed in this subject include introductory skills in neurological physiotherapy assessment, interpretation and prioritisation of findings along with the selection and implementation and evaluation of appropriate treatment strategies.

**School** Health Sciences

**Discipline** Physiotherapy

**Student Contribution Band** HECS Band 2 10cp

**Level** Postgraduate Coursework Level 7 subject

**Co-requisite(s)** REHA 3026 AND  
REHA 3001 AND  
REHA 3004

## Restrictions

Students must be enrolled in the 4667 Master of Physiotherapy. Students in this program are required to participate fully in practical classes. This involves disrobing to shorts and singlet or swim-suit equivalent in mixed gender classes. Students will practice hands-on physiotherapy examination and treatment techniques on both genders, and will personally experience these techniques which will be performed on them by other students and relevant academic staff.

## Assumed Knowledge

Neuroanatomy and research methods. Knowledge of clinical pharmacology would be an advantage.

## Learning Outcomes

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

1. Display effective communication skills, ethics and professionalism
2. Conduct a simple subjective and objective assessment
3. Record findings in an appropriate format for entry into health records
4. Analyse assessment findings and develop an appropriate treatment plan
5. Plan appropriate and effective management strategies including transfers and gait rehabilitation
6. Monitor, evaluate and progress treatments as indicated
7. Demonstrate safe work practices

## Subject Content

1. Within a generic context:

- introduction to The physiotherapy profession and areas of practice. Ethical principles, professional Standards and registration. Importance and practice of Critical reflection and communication skills. posture and movement assessment, application of Basic massage techniques.
- simple subjective assessment and objective assessment of range of movement, length, strength. Screening for pathology and safety with mobilisation. outcome measures for function and gait. observation of different gait patterns, principles of rehabilitation and use of gait aides. practice facilitating Transfers and gait education.
- 2. Within an acute, neurological physiotherapy context:
  - subjective assessment, investigations, notes, bed charts
  - objective assessment including observation, Basic cognition, range of movement, strength, length, sensation, reflexes, tone, Coordination, proprioception, function and mobility
  - interpretation of findings, Prioritisation of client problems and development of treatment plan
  - design and implementation of appropriate management techniques including education, Exercise, task-related training and gait rehabilitation
  - Monitoring, evaluation and Progression of treatments as appropriate
  - Interprofessional communication and professionalism
  - Safe work practices and discharge planning

Teaching Periods