

REHA 3018 NEUROLOGICAL REHABILITATION

Credit Points 10

Legacy Code 400998

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

Description This unit focuses on client assessment and evidence-based physiotherapy management in neurological rehabilitation. This will require strong communication skills, ethical and professional behaviour and an appreciation of interprofessional care. Professional competencies addressed in this unit include clinical reasoning in neurological physiotherapy assessment and treatment, implementation and evaluation of evidence-based interventions and management of complex conditions.

School Health Sciences

Discipline Physiotherapy

Student Contribution Band HECS Band 2 10cp

Check your HECS Band contribution amount via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Undergraduate Level 3 subject

Pre-requisite(s) REHA 3017 AND REHA 3003

Restrictions Students must be enrolled in 4706 Bachelor of Physiotherapy or 4733 Bachelor of Physiotherapy (Honours). 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

Human anatomy, human physiology, neuroanatomy, and pathophysiology.

Learning Outcomes

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

1. Apply prior knowledge of anatomy, physiology, neuroscience and pathology
2. Demonstrate and apply effective communication skills, ethics and professionalism
3. Select and interpret neurologic assessment techniques, including observational movement analysis, objective measures of impairments, activity limitations and participation restrictions
4. Apply clinical reasoning using a theoretical framework
5. Demonstrate and justify appropriate evidence-based physiotherapeutic interventions to address impairments and activity limitations in individuals with neurological conditions
6. Describe the roles of the multidisciplinary team members to the rehabilitation of individuals with neurological conditions

Subject Content

Within an adult neurological rehabilitation context:

- theoretical framework for assessment and clinical reasoning
- subjective assessment, investigations, notes, bed charts and handover notes
- objective assessment including observational movement analysis, objective measures of impairments, Activity limitations and participation restrictions
- evidence-based treatment approaches and management strategies
- Evaluating treatment outcomes
- Working effectively within A multidisciplinary team
- patient education and Advocacy
- discharge planning

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
Practical Viva / practical examination	30 minutes	40	Y	Individual
Written Exam: Short answer questions	2 hours	50	Y	Individual
Group presentation of complex neurological conditions	20 mins	10	N	Group

Prescribed Texts

- Carr, J. H., & Shepherd, R. B. (2010). Neurological rehabilitation: Optimizing motor performance (2nd ed.). Edinburgh: Churchill Livingstone.

Teaching Periods

Spring Campbelltown Day

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

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=REHA3018_22-SPR_CA_D#subjects)