



UNIVERSITY | MEDICAL
of NICOSIA | SCHOOL

MED-506
**Neurology, Neurosurgery and
Palliative Care Course Handbook**

2024-2025

University of Nicosia Medical School Academic and Administrative Contacts:

Chair of Clinical Education:

Professor Joseph Joseph

E-mail: joseph.j@unic.ac.cy

Year 5 Lead: Dr Aris Tourvas

E-mail: tourvas.a@unic.ac.cy

Neurology, Neurosurgery and Palliative Care Curriculum Lead:

Professor Theodoros Kyriakides

E-mail: kyriakides.t@unic.ac.cy

Course Lead of MED-506 Neurology, Neurosurgery and Palliative Care:

Dr Savvas Papacostas

E-mail: papacostas.s@unic.ac.cy

Senior Clinical Placements Administrator:

Ms Katerina Tsiamezi

E-mail: tsiamezi.k@unic.ac.cy

Limassol General Hospital Academic and Administrative Contacts:

Academic Lead at Limassol General Hospital:

Dr Christos Nicolaou

E-mail: c.nikolaou@shso.org.cy

Clinical Lead at Limassol General Hospital:

Dr George Kaponides

E-mail: kaponides.g@unic.ac.cy

Deputy Clinical Lead at Limassol General Hospital

Dr Panayiotis Loucaides (Neurologist)

E-mail: p.loukaidis@shso.org.cy

Administrative Contact:

Ms Helen Sophroniou - LGH Senior Administrator

E-mail: sophroniou.h@unic.ac.cy

Ms Aristeia Bati - LGH Site Administrator

E-mail: bati.a@unic.ac.cy

Paphos General Hospital Academic and Administrative Contacts:

Academic Lead at Paphos General Hospital:

Prof Joseph Moutiris

E-mail: moutiris.j@unic.ac.cy

Clinical Lead at Paphos General Hospital:

Dr Christos Kourides

E-mail: christofer34@yahoo.gr

Administrative Contact:

Ms Stella Naziri - PGH Senior Site Administrator

E-mail: naziri.s@unic.ac.cy

Klinik Hirslanden Academic and Administrative Contacts:

Academic Leads at Klinik Hirslanden:

Prof. Dr. med. Stefan Russmann

E-mail: stefan.russmann@hirslanden.ch

KD Dr. med. Tanja Volm

E-mail: t.volm@himed.ch

Clinical Co-Leads at Klinik Hirslanden:

Prof. Dr. med. Nils Peters (Neurology)

E-mail: nils.peters@hirslanden.ch

Prof. Dr. med. René Bernays (Neurosurgery)

E-mail: rene.bernays@hirslanden.ch

Prof. Dr. med. Ulf Petrusch (Palliative Care)

E-mail: ulf.petrusch@ozh.ch

Administrative Contact:

Ms Barbara Etzensberger

E-mail: barbara.etzensberger@hirslanden.ch

Ms Michelle van Haaften

E-mail: michelle.vanhaaften@hirslanden.ch

Lewisham & Greenwich NHS Trust Academic and Administrative Contacts:

Academic Lead at Lewisham & Greenwich NHS Trust:

Dr George Dervenoulas

E-mail: georgios.dervenoulas@nhs.net

Clinical Lead at Lewisham & Greenwich NHS Trust:

Name: Dr George Dervenoulas

E-mail: georgios.dervenoulas@nhs.net

Site Administrator: Nikola Hewitt

E-mail: nikola.hewitt@nhs.net

Site Administrator: Carly Raven

E-mail: carly.raven@nhs.net

Site Administrator: Suzanne Faulkner

E-mail: suzanne.faulkner@nhs.net

Hellenic Healthcare Group Academic and Administrative Contacts:

Academic Lead at Hellenic Healthcare Group:

Name: Prof Panagiotis Skandalakis

E-mail: skantakis@yahoo.gr

Deputy Academic Leads at Hellenic Healthcare Group:

Prof Dimitrios Karatzas

E-mail: dimitriskaratzas@hotmail.com

Prof Stergios Douvetzemis

E-mail: stergiosdouvetzemis@yahoo.gr

Clinical Lead at Hellenic Healthcare Group:

Prof Konstantinos Speggos

E-mail: kspengos@hygeia.gr

Administrative Contact:

Ms Vickie Mastrogianni

E-mail: vicmast@yahoo.gr

Ms Angeliki Petrou

E-mail: agpetrou@mitera.gr

Swedish Hospital Academic and Administrative Contacts:

Academic Lead: Dr Iryna Aleksandrova

Email: ialeksandrova@schosp.org

Clinical Lead at Swedish Hospital:

Dr Danny Park

Email: DPark3@northshore.org

Administrative Contact:

Ms Jeanette Maatouk

E-mail: JMaatouk@schosp.org

Course Handbook introduction by the Chair of Clinical Education

Dear Student,

Your course handbook is an invaluable resource. Reading it before starting your placement will make a huge difference to your learning experience. You will find outlines of the course, the objectives of your learning, the assessment requirements, learning resource suggestions, contact numbers and reporting structures.

You can use the learning outcomes and objective list to guide you through your learning of the subject and even to discuss with your tutors. The requirements, whether these are workplace - based assessments or tutorials, will allow smooth running of your clinical block and avoid unnecessary last-minute hardship.

The medical school has a course lead in place, with knowledge of the specific block, including its learning, revision, and assessment. And the department of clinical education ensures smooth running and delivery of the clinical training, through a number of Curriculum Leads (one for each main specialty) who work with the course leads and the local teams at the placement, to ensure the curriculum is delivered as planned.

The nature of clinical learning is such that, whilst your experiences will be comparable, it is not possible to have identical clinical exposure across all students; a case of disease X may be available today, whereas when the next student comes along it may be disease Y. It is desirable that we see all cases as far as possible but your handbook with its checklist of conditions and objectives will allow you to not fall behind and fill any gaps that may appear during your clinical exposure, and help guide your preparation for assessments.

If there are academic or administrative problems, if you need help and if you need to report anything back to your medical school, the reporting structures ensure that you should not feel even for one minute that you do not have someone to go to when needed. Please contact the team if you need any help, we are all here with our contact details available if you need us.

Please ensure that you are present and available for learning, opportunities will come when you least expect them, the amount we can learn from patients is huge and endless and therefore sitting with, talking to and examining patients is one of your strongest tools.

I hope you gain a lot of knowledge and clinical experience.

Enjoy the next few weeks!

Professor Joseph Joseph
Chair of Clinical Education

Table of Contents

1. Welcome	8
2. MED-506 Neurology, Neurosurgery and Palliative Care Course / Outline	9
3. MED-506 Neurology, Neurosurgery and Palliative Care Course / Clinical rotation Requirements	14
4. MED-506 Neurology, Neurosurgery and Palliative Care Course / Clinical rotation material on Moodle	17
5. Reporting Structures	18

1. Welcome

The MED-506 Neurology, Neurosurgery and Palliative Care course/ clinical rotation offers students the opportunity to develop an understanding of the presentation, signs and symptoms, physical examination findings, investigations, diagnosis, treatment (medical and/or surgical as appropriate) and management plan for common neurological diseases.

Every effort has been made to provide a structured and well organised learning experience that will ensure adequate exposure to the diagnostic and therapeutic approaches that take place in a large Academic Hospital.

On behalf of all the clinicians, nurses and administrative staff of the Neurology, Neurosurgery and Palliative Care departments, I would like to warmly welcome you as an integral part of our team and wish you an effective and pleasant learning experience. Our education team stands ready to assist you with any questions you may have.

Kind Regards,

Prof Savvas Papacostas

Course Lead for MED-506 Neurology, Neurosurgery and Palliative Care

2. Course outline for MED-506 Neurology, Neurosurgery and Palliative Care course / clinical rotation

Course Title	Neurology, Neurosurgery and Palliative Care						
Course Code	MED-506						
Course Type	Required						
Level	Undergraduate						
Year / Semester	Year 5/ Semester 10 (Spring)						
Teacher's Name	Course Leads: Prof Savvas Papacostas						
ECTS	6	Lectures / week	4	Laboratories / week	0	Clinical Practice	36
Course Purpose and Objectives	<p>The main objectives of the last two years of the six year medical programme are to provide students with extensive experience in the clinical environment, mainly in hospitals but also in the community, so that they can utilise their learning over the previous 4 years to practise their clinical, communication, diagnostic and reasoning skills on real patients, and to learn about the management of patients, from a medical, therapeutic, surgical, psychosocial and caring perspective.</p> <p>In this course, students will spend five weeks working primarily with patients with neurological disorders and with those receiving end-of-life palliative care. They will develop an understanding of the presentation, signs and symptoms, physical examination findings, investigations, diagnosis, treatment (medical and/or surgical as appropriate) and management plan for common neurological disorders. They will learn how terminally ill patients are cared for when they are no longer able to benefit from curative treatment, but receive palliative care instead.</p> <p>The students will learn how to take detailed histories from, carry out systematic clinical examination of, and interpret laboratory and imaging data on patients with neurological disorders. The students will gain a basic understanding of the application and type of information to be obtained from different methods for investigating neurological disorders. They will also spend time in theatre observing neurosurgical operations.</p>						

Learning Outcomes	<p>After the completion of the course the students should be able to:</p> <ol style="list-style-type: none"> 1. Take a history from a patient, or relative of a patient, presenting with a neurological disorder, in a sensitive and caring manner 2. Carry out a sensitive physical examination as part of investigation of the presenting complaint 3. Come up with a differential diagnosis for the presenting complaint 4. Identify appropriate investigations, including blood, urine and CSF tests, tests using electrodes, and imaging, to assist in the diagnosis of the presenting complaint and to interpret the results from such tests 5. Prepare a treatment management plan for the patient to present to the responsible clinician to include medical, pharmacological, surgical options as appropriate 6. Observe, and where appropriate carry out or assist with, the following procedures: X-rays, fluoroscopy, angiography, biopsy, MRI, CT and PET scans, discography, electronystagmography, myelography, polysomnogram, thermography, ultrasound electroencephalography, electromyography, nerve conduction, evoked potentials, microsurgery, minimally invasive endoscopic surgery, cranioplasty, angioplasty, stenting, clot retrieval, embolization, diagnostic angiography and other surgical procedures, planned and opportunistic 7. Define palliative care and summarise what is included in an integrated care pathway for terminally ill patients and their families 8. Visit a hospice for the terminally ill
-------------------	---

Prerequisites	None	Required	None
---------------	------	----------	------

<p>Course Content</p>	<ul style="list-style-type: none"> • Headache, including migraine and tension type • Cerebrovascular disease (TIA, cerebral infarction, intracranial haemorrhage) • Blackouts, seizures and epilepsy • Head Injury and Coma • Multiple Sclerosis • Cerebellar Disorders • Parkinson's disease and other movement disorders • Motor Neurone disease (MND) • Meningitis and other intracranial infections • Intracranial tumours and other space occupying lesions • Spinal cord disease, intervertebral disc prolapse and nerve root lesions • Peripheral polyneuropathy (including Guillain-Barre syndrome) • Carpal Tunnel Syndrome and other peripheral mononeuropathies • Muscle disease and myasthenia gravis • Cranial nerve palsies • Neurorehabilitation • Definition of palliative care • Symptom control • Terminal Care • Communicating with terminally ill patients • Ethical/legal aspects concerning terminally ill patients, including euthanasia
<p>Teaching Methodology</p>	<p>The course is delivered by clinical placements, lectures, tutorials, case studies and group discussions.</p>

Bibliography	Required Textbooks/Reading:				
	Umesh Vivekananda, Mahinda Yogarajah, Shreelata T Datta, Philip Xiu	Crash Course Neurology, 5th ed	Elsevier	2018	9780702073854
	Jenny Ross	Crash Course Nervous System, 4 th ed.	Mosby Ltd	2015	9780723438571
	Paul Johns	Clinical Neuroscience, 1 st ed.	Churchill Livingstone	2014	9780443103216
	James M. Ritter, Rod J. Flower, Graeme Henderson, Yoon Kong Loke, David MacEwan, Emma Robinson, James Fullerton	Rang & Dale's Pharmacology, 10 th ed.	Elsevier	2024	978-0323873956
	Additional Textbooks/Reading:				
	Authors	Title	Publisher	Year	ISBN/ E-Book
	Samuels, M.A and Ropper, A. H	Samuels Manual of Neurologic Therapeutics, 9 th ed.	Lippincott Williams and Wilkins	2017	9781496360311 E-Book
		NICE GUIDELINES			Link
	Nathan I. Cherny, Marie T. Fallon, Stein Kaasa, Russell K. Portenoy, David C. Currow	Oxford textbook of palliative medicine, 6 th ed.	Oxford	2024	978-0198900597
Fallon, Marie	ABC of Palliative Care, 2 nd ed.	Wiley-Blackwell	2006	978-1405130790	
Quill, Timothy E.	Palliative care and ethics, 1 st ed.	Oxford	2014	9780199316670 E-Book	

	Jackson, Timothy L.	Moorfields manual of ophthalmology, 3 rd ed.	JP Medical	2019	978-1909836945
	Merritt, H. Houston	Merritt's neurology, 14 th ed.	Lippincott, Williams & Wilkins	2021	978-1975141226 E-Book
	Lindsay, K. & Bone, I.	Neurology & neurosurgery Illustrated, 5 th ed.	Churchill Livingstone	2010	9780443069574
	Fuller, G. & Manford, M.,	Neurology: an illustrated colour text, 3 rd ed.	Churchill Livingstone	2010	9780702032240
<p>E-book resources for Clinical Placements Support Resources: https://libguides.unic.ac.cy/placementresources</p>					
Assessment	Final year exam (EYEs) and final year OSCE.				
Language	English				

3. MED-506 Neurology, Neurosurgery and Palliative Care Course/ Clinical Rotation Requirements

Please take note of the following assessments that students will need to complete and submit via **'MyProgress Health'**, **no later than one week** after the completion of the MED-506 Neurology, Neurosurgery and Palliative Care course/ clinical rotation. You must also cross-reference the above with the Year 5 PVB assessment domain handbook, which takes precedence to any other handbook.

Required PVB Assessments

1 x Clinical Placement and Professionalism Certificate (CPPC)
2 x Mini Clinical Education Exercise (Mini-Cex) - 2 Neurology or 1 Neurology + 1 Neurosurgery
2 x Case Based Discussion (CBD) - 2 Neurology or 1 Neurology + 1 Neurosurgery
2 x ECSA (1 Glasgow Coma Score and 1 Mini mental state examination)
Daily Attendance Logbook (submitted via 'MyProgress Health' by uploading the attendance weekly sheets)
1 x Learning Outcomes Record (LOR)
Evidence of completing online student feedback survey

Floating WPBA and On-line Feedback Survey

Submit the above forms together with any Floating WPBAs completed during the MED-509 Obstetrics and Gynaecology course/ clinical rotation. You also need to ensure that you have completed the online feedback survey and upload evidence of this via **'MyProgress Health'**, by the deadline.

Logbook

The logbook should be completed on a daily basis and submitted at the end of your course/ clinical rotation by uploaded on **'MyProgress Health'**.

Attachment sign-off process

PLEASE NOTE: It is your responsibility to ensure that your tutor completes your Clinical Practice Portfolio Certificate (CPPC) as well as WPBA forms for you.

You should follow these steps:

- You should contact your Clinical Lead in advance to agree a mutually convenient date to conduct the completion and sign-off of the **CLINICAL PLACEMENT & PROFESSIONALISM CERTIFICATE (CPPC)** using the final week of your attachment. It may take around 15-20

minutes so please bear that in mind when arranging a suitable time slot. You should check in advance if the Clinical Lead will be absent at any time towards the end of the attachment.

- Your CPPC must be completed by the relevant tutor/lead clinician no later than one week after the completion of the attachment (recommended to be completed by the last day of the clinical attachment). Your tutor will be able to access all the WPBAs you have completed on your device during the attachment, as well as your logbooks and other evidence of your attendance.
- If you have not been told who will be signing you off you should contact your local administrator for guidance.
- Attend the meeting with your clinical tutor and bring your device to present all required WPBA forms and logbooks, as well as any other evidence of your attendance.

It is your responsibility to ensure that the CPPC certificate and all WPBA forms are properly completed prior to their submission. If any of the assessments on the form have been changed, the assessor must sign where the correction has been made. Absence of a signature will result in the form being returned to the assessor for validation. In addition, you are required to use your logbooks to record activities and attendance and ask for a signature from your supervisor prior to submitting these.

DON'T FORGET:

- You should use the diaries to record activities and attendance and ask for a signature from supervising Consultant or Registrar each week.
- You need to achieve submission of all assessment forms and attendance logbook/diaries via 'MyProgress Health' within one week of completing an attachment. If you are using the 'Email for later' function it is your responsibility to chase up the clinician and have your WPBAs completed and submitted by the deadline. **If you anticipate any delays please always inform the PVB administrator. No communication and late submissions are considered serious and recorded under Professional Behaviour of the PVB domain.**
- You must check that all section of WPBA forms have been completed appropriately and fully before you submit. Otherwise, your forms will not be accepted by the system.
- If you are marked with a 'Fail' on the CPPC form for any of the elements, the assessor must give specific detailed feedback explaining reasons for the grade. Feedback should be focused and specific. In such cases or in cases where you fail to complete the required number of WPBAs, you will normally be required to redo part or the whole of the course/clinical rotation (after discussion with your local PVB Domain Lead). **Once remediation is complete a new CPPC form needs to be completed and signed off by the Clinical Lead or the remediation supervisor along with a new Logbook that shows remediation dates.**
- Check that your course/clinical rotation specific and floating WPBAs have been supervised and signed off by the correct assessor level. If you are unsure, please check before you

undertake the WPBA to avoid your forms being rejected and having to return to your placement to repeat the WPBA with the correct assessor.

- Ensure you have completed the online feedback survey and upload evidence of this via 'MyProgress Health', by the submission deadline.

 **Note that late submissions will be recorded under PVB Professional Behaviour Element.**

Your clinical Site Administrator is here to help!

If you are unclear or unsure about any aspect of the PVB Domain ask your Clinical Site Administrator.



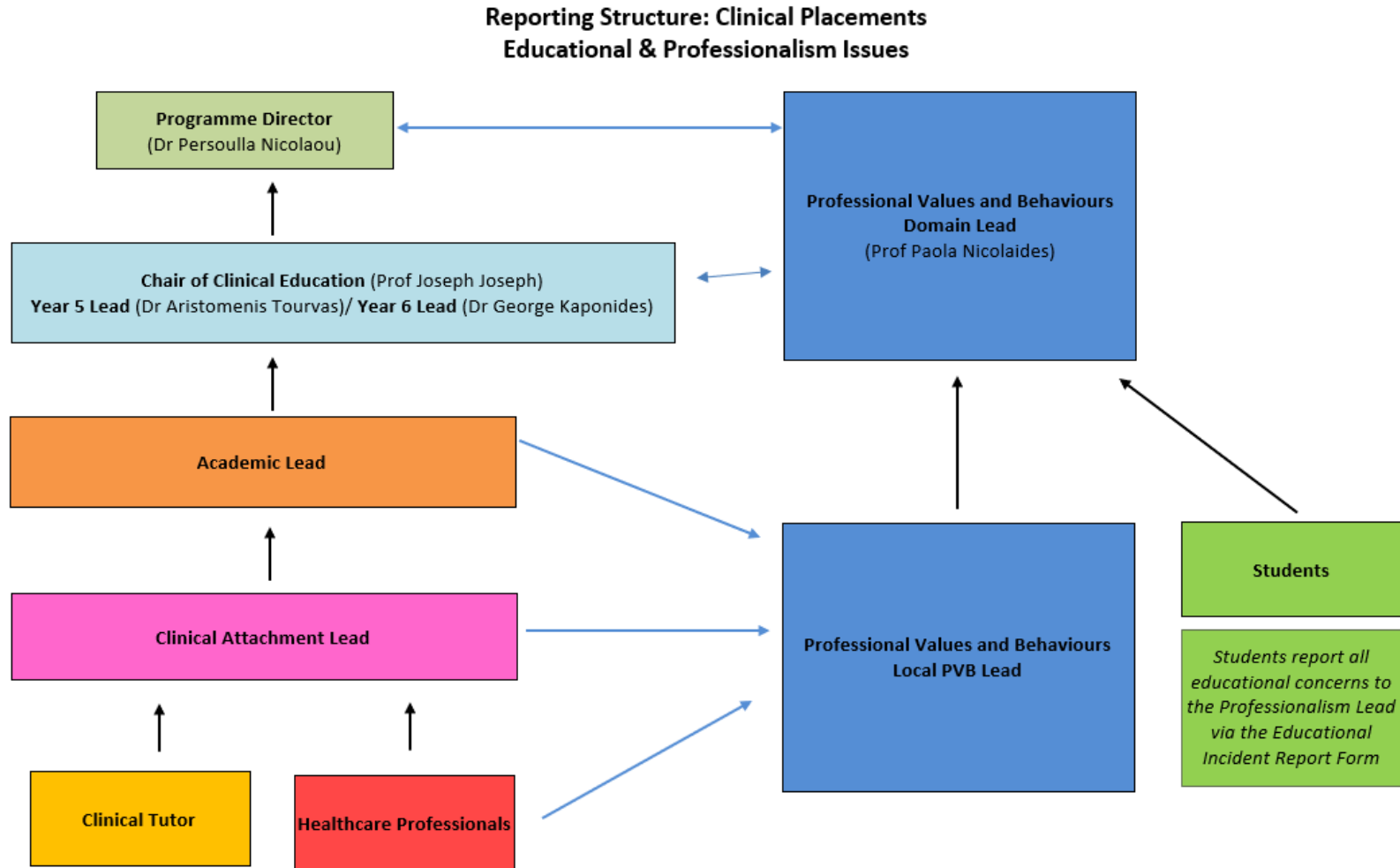
In case of illness or absence

Students must notify their Clinical Site Administrators via E-mail, and their Clinical Tutor prior or on the day of absence.

4. MED-506 Neurology, Neurosurgery and Palliative Care Course / Clinical rotation material on Moodle

1. Stroke I
2. Stroke II
3. Multiple Sclerosis and other Demyelinating Disorders
4. Seizures, Epilepsy, Other Paroxysmal Disorders
5. Headache and Facial Pain
6. Dementia
7. Movement Disorders
8. Muscles and Nerve Disorders
9. Infections of the Nervous Systems
10. Spinal Cord Trauma, Back and Neck Pain
11. Introduction to Palliative Care
12. Pain
13. End of Life Care and the Last 48 Hours
14. Neuroradiology
15. Neurosurgery
 - The Glasgow Coma Scale
 - Brain Tumours
 - Intracranial Haemorrhage
 - Subarachnoid Haemorrhage
 - Spine I
 - Spine II

5. Reporting Structures



**Reporting Structure: Clinical Attachments
Patient and Student Safety Issues**

