

Graduate Entry Doctor of Medicine (GEMD) Programme

Year 4 Handbook

Academic Year 2024-2025



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1. How to use this Handbook

This Handbook serves as the main reference for fourth-year students in the GEMD programme, providing an overview of both the seventh and eighth semester courses. Please note that some details may change throughout the semesters. This Handbook can also be accessed via Moodle, where any updates throughout the semester will be posted and subsequently communicated via email.

The Handbook undergoes an annual revision and reissuance to ensure the accurate representation of the programme. We encourage feedback on the content or presentation of the Handbook and kindly request it be sent to the Senior Clinical Placements Administrator, Katerina Tsiamezi at: tsiamezi.k@unic.ac.cy.



			ry Doctor of I Penultimate Y	
		Academic	Calendar 2024	4-2025
	Student	s based in: Cvp	rus/Greece/L	JK/US/Switzerland
Semester		tes	Week	Description
Semester	26-Aug	30-Aug	1	Description
-	02-Sep	06-Sep	2	-
-	02-Sep	13-Sep	3	-
ł	16-Sep	20-Sep	4	-
-	23-Sep	27-Sep	5	-
-	30-Sep	04-Oct	6	
ľ	07-Oct	11-Oct	7	
ľ	14-Oct	18-Oct	8	
	21-Oct	25-Oct	9	Clinical Specialties
	28-Oct	01-Nov	10	
-	04-Nov	08-Nov	11	
7	11-Nov	15-Nov	12	
	18-Nov	22-Nov	13	
	25-Nov	29-Nov	14	
	02-Dec	06-Dec	15	
	09-Dec	13-Dec	16	
	16-Dec	20-Dec	17	
	23-Dec	27-Dec		Winter Break
	30-Dec	03-Jan		Winter Break
	06-Jan	10-Jan	18	
	13-Jan	17-Jan	19	
	20-Jan	24-Jan	20	
-	27-Jan	31-Jan	21	-
-	03-Feb	07-Feb	22	
-	10-Feb	14-Feb	23	_
	17-Feb	21-Feb	24	
-	24-Feb	28-Feb	25	Clinical Specialties
-	03-Mar	07-Mar	26	_
-	10-Mar	14-Mar	27	_
-	17-Mar	21-Mar	28	-
-	24-Mar	28-Mar	29	-
-	31-Mar 07-Apr	04-Apr 11-Apr	30 31	-
-	14-Apr	11-Apr 16-Apr	31	-
	17-Apr	22-Apr	52	Spring Break (Thur 17 Apr - Tue 22 Ap
	23-Apr	25-Apr	33	
8	28-Apr	02-May	34	
ľ	05-May	09-May	35	
	12-May	16-May	36	
	19-May	23-May	37	Clinical Specialties
	26-May	30-May	38	
ŀ	02-Jun	, 06-Jun	39	
	09-Jun	13-Jun	40	
	16-Jun	20-Jun		Study week
	23-Jun	27-Jun		Written Exams and OSCE
	30-Jun	04-Jul		
	07-Jul	11-Jul		
	14-Jul	18-Jul		Study weeks for resit exams
	21-Jul	25-Jul		Resit Exam Period
	28-Jul	01-Aug		Resit Liam Ferrou

2. Academic Calendar for Year 4 (2024-2025)



			try Doctor of M	
		-	Penultimate Ye	-
		Academic	Calendar 2024	-2025
		Studen	ts based in: Isra	ael
Semester	Da	tes	Week	Description
	04-Aug	08-Aug	1	•
	11-Aug	15-Aug	2	
	18-Aug	22-Aug	3	
	25-Aug	29-Aug	4	
	01-Sep	05-Sep	5	Clinical Specialties
	08-Sep	12-Sep	6	
	15-Sep	19-Sep	7	
	22-Sep	26-Sep	8	
	29-Sep	03-Oct		Break
	06-Oct	10-Oct	9	
	13-Oct	17-Oct	10	Clinical Specialties
7	20-Oct	24-Oct		Break
	27-Oct	31-Oct	11	
	03-Nov	07-Nov	12]
	10-Nov	14-Nov	13	
	17-Nov	21-Nov	14	
	24-Nov	28-Nov	15	Clinical Specialties
	01-Dec	05-Dec	16	
	08-Dec	12-Dec	17	
	15-Dec	19-Dec	18	
	22-Dec	26-Dec	19	
	29-Dec	02-Jan		Break
	05-Jan	09-Jan	20	
	12-Jan	16-Jan	21	
	19-Jan	23-Jan	22	
	26-Jan	30-Jan	23	
	02-Feb	06-Feb	24	
	09-Feb	13-Feb	25	
	16-Feb	20-Feb	26	Clinical Specialties
	23-Feb	27-Feb	27	Clinical Specialties
	02-Mar	06-Mar	28	
	09-Mar	13-Mar	29	
	16-Mar	20-Mar	30	
	23-Mar	27-Mar	31	
	30-Mar	03-Apr	32	
	06-Apr	10-Apr	33	
	13-Apr	17-Apr		Break
8	20-Apr	24-Apr	34	Clinical Specialties
	27-Apr	01-May		Break
	04-May	08-May	35	1
	11-May	15-May	36	1
	18-May	22-May	37	Clinical Specialties
	25-May	29-May	38	
	01-Jun	05-Jun	39	1
	08-Jun	12-Jun	40	
	15-Jun	19-Jun		Study week
	22-Jun	26-Jun		Written Exams and OSCE
	29-Jun	03-Jul		
	06-Jul	10-Jul		
	13-Jul	17-Jul		Study weeks for resit exams
	20-Jul	24-Jul		Resit Exam Period
	27-Jul	31-Jul		Resit Exam Ferrou



3. Introduction to the Penultimate Year of GEMD

Dear Students,

Welcome to the Penultimate Year of the Graduate Entry MD Programme. During Semester 7 and Semester 8 you will complete Clinical Specialties courses on: Cardiology and Respiratory, Rheumatology, Orthopaedics and Dermatology, Gastroenterology and Endocrinology, Nephrology and Urology, Obstetrics and Gynaecology, Paediatrics, Psychiatry, Neurology (Neurology, Neurosurgery and Palliative Care), ENT and Ophthalmology.

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

Enjoy your fourth year of the Graduate Entry MD Programme!



4. The Penultimate Year Curriculum

During the Penultimate Year you will complete the GEMD-401 course: Clinical Specialties. This course comprises of the following specialties and sub-specialties: Gastroenterology, Endocrinology, Nephrology, Urology, Cardiology, Respiratory, Rheumatology, Orthopaedics, Dermatology, Paediatrics, Obstetrics and Gynaecology, Psychiatry, Neurology, ENT, Ophthalmology.

Specific elements of the clinical curriculum of course GEMD-401 may appear at different times throughout the academic year, although the totality of the objectives will be covered by the end of it.

Students are graded and awarded 60 ECTS at the end of the year.

Course
GEMD-401 Clinical Specialties: Gastroenterology, Endocrinology
GEMD-401 Clinical Specialties: Nephrology, Urology
GEMD-401 Clinical Specialties: Cardiology, Respiratory
GEMD-401 Clinical Specialties: Rheumatology, Orthopaedics, Dermatology
GEMD-401 Clinical Specialties: Paediatrics
GEMD-401 Clinical Specialties: Obstetrics & Gynaecology
GEMD-401 Clinical Specialties: Psychiatry
GEMD-401 Clinical Specialties: Neurology (Neurology, Neurosurgery & Palliative Care), ENT, Ophthalmology



4.1 Programme Management Team

Nama	Title	Posponsible for	Contact Details
Name	Inte	Responsible for	email, phone number & office
Dr Danagra Ikossi	Director of the GEMD Programme	Management and coordination of the GEMD Programme	Ikossi.d@unic.ac.cy +357 22 471 952 1st floor, Centre for Primary Care and Population Health (Block C)
Dr Chloe Antoniou	Associate Director of the GEMD Programme and	Management and coordination of the GEMD Programme	antoniou.c@unic.ac.cy +357 22 471 992 1 st floor, Centre for Primary Care and Population Health (Block C)
Professor Joseph Joseph	Associate Dean for Academic Affairs and Chair of Clinical Education	Management of all Academic Affairs matters & Clinical Education	joseph.j@unic.ac.cy +357 22 471 900
Professor Peter McCrorie	Professor of Medical Education	Personal Tutor Scheme Lead & GEMD Academic Assessment Lead	mccrorie.p@unic.ac.cy +357 22 471953 1 st floor, Medical School Block B
Professor Paola Nicolaides	Professional Values and Behaviours Assessment Lead	Professional Values and Behaviours related questions	nicolaides.p@unic.ac.cy +357 22 471971
Ms Irene Ioannidou	Director of Clinical Education and Programme Management	Clinical Education and Programme Management	ioannidou.i@unic.ac.cy +357 22 471 919 Ground floor, Centre for Primary Care and Population Health (Block C)
Ms loanna Theophylactou	Assistant Director of Clinical Education and Programme Management	Clinical Education and Programme Management	theophylactou.i@unic.ac.cy +357 22 471 937 Ground floor, Centre for Primary Care and Population Health (Block C)
Ms Katerina Tsiamezi	Senior Clinical Placements Administrator	Clinical Education and Programme Management	tsiamezi.k@unic.ac.cy Tel.: 22 471917 Ground floor, Centre for Primary Care and Population Health (Block C)



		Professional Competencies related	kapnisi.c@unic.ac.cy
Ms Chrystalla Kapnisi	Professional Values and Behaviours Administrator	questions & MyProgress related questions	+357 22 471 814 1 st floor, Medical School Block B

4.2 Curriculum Leads

Name	Title	Responsible for	Contact Details
Medicine Curriculum Lead	Professor Joseph Joseph	Management and coordination of the Medical Sub- specialties: Gastroenterology, Endocrinology, Nephrology, Cardiology, Respiratory, Rheumatology, Dermatology	joseph.j@unic.ac.cy
Surgery Curriculum Lead	Professor Panos Economou	Management and coordination of the Surgical Sub- specialties: Urology, Orthopaedics, ENT, Ophthalmology	economou.p@unic.ac.cy
Paediatrics Curriculum Lead	Professor Paola Nicolaides	Management and coordination of: Paediatrics	nicolaides.p@unic.ac.cy
Neurology Curriculum Lead	Professor Theodoros Kyriakides	Management and coordination of: Neurology	kyriakides.t@unic.ac.cy
Psychiatry Curriculum Lead	Dr Costas Adamides	Management and coordination of: Psychiatry	costas.adamides@gmail.com
Obstetrics and Gynaecology Curriculum Lead	Dr Dionysios Vaidakis	Management and coordination of: Obstetrics & Gynaecology	vaidakis.d@unic.ac.cy



Limassol General Hospital		
Academic Lead	Dr Christos Nicolaou	<u>c.nikolaou@shso.org.cy</u>
PVB Domain Lead	Dr Simon Malas	drmalas@hotmail.com
Gastroenterology Clinical Lead	Dr Evangelia Amanatidou	evahellascy@gmail.com
Endocrinology Clinical Lead	ТВС	
Nephrology Clinical Co-Leads	Dr Aristos Michael	ar.michail@shso.org.cy
	Dr Elena Frangou	el.frangou@shso.org.cy
Urology Clinical Lead	Dr George Ntantakas	ntantakas71@yahoo.gr
Cardiology Clinical Lead	Dr Andreas Tryfonos	a.tryfonos@shso.org
Respiratory Medicine Clinical	Dr Ioannis Hadzimanolis	ihatziman@gmail.com
Rheumatology Clinical Lead	Dr Demetra Nikiforou	dnikiforou@cytanet.com.cy
		demynik@gmail.com
Orthopaedics Clinical Lead	ТВС	
Dermatology Clinical Tutor	Dr George Ioannides	georgiosioannides@gmail.com
Paediatrics Clinical Lead	Maria Agathocleous	m.c.agathocleous@gmail.com
OBGYN Clinical Co-Leads	Dr Alkisti Victoros-Khristianov	alkistivic@hotmail.com
	Dr Giannis Pavlides	drgpavlides@hotmail.com
Psychiatry Clinical Co-Leads	Panagiota Kaimi	panicyp@hotmail.com
	Dr Philippos Soudjis	soudjis@gmail.com
Neurology Clinical Lead	Dr George Kaponides	kaponides.g@unic.ac.cy
Surgery Clinical Lead	Dr Vasilis Karatzias	bas.karatzias@gmail.com
Administrative Support	Ms Helen Sophroniou	sophroniou.h@unic.ac.cy
Automistrative Support	Ms Aristea Bati	bati.a@unic.ac.cy

4.3 Clinical Sites and Academic and Administrative Contacts



Paphos General Hospital		
Academic Lead	Prof Joseph Moutiris	moutiris.j@unic.ac.cy
Gastroenterology Clinical Lead	Dr Eleftherios Drosakis	ad.eleftheriou@shso.org.cy
Endocrinology Clinical Lead	ТВС	
Nephrology Clinical Lead	Dr Lakis Yioukkas	lakisdr@yahoo.gr
Urology Clinical Lead	ТВС	
Cardiology Clinical Lead	Prof Joseph Moutiris	moutiris.j@unic.ac.cy
Respiratory Clinical Lead	Dr Adonis Eleftheriou	ad.eleftheriou@shso.org.cy
Rheumatology Clinical Lead	ТВС	
Orthopaedics Clinical Lead	Dr George Metaxas	metaxasg@cytanet.com.cy
Dermatology Clinical Lead	ТВС	
Paediatrics Clinical Lead	Dr Artemis Polykarpou	artemis-pol@hotmail.com
OBGYN Clinical Leads	Dr Sophia Apostolidou	sophiaapostolidou@yahoo.com
Psychiatry Clinical Co-Leads	Panagiota Kaimi	panicyp@hotmail.com
	Dr Philippos Soudjis	soudjis@gmail.com
Neurology Clinical Lead	Dr Christos Kourides	christofer34@yahoo.gr
Surgery Clinical Lead	Dr Andreas Stylianou	androsstylas@gmail.com
Administrative Support	Ms Stella Naziri	naziri.s@unic.ac.cy



Hirslanden Hospital Group		
Academic Lead	Prof. Dr. med. Stefan Russmann KD Dr. med. Tanja Volm	stefan.russmann@hirslanden.ch t.volm@himed.ch
PVB Domain Lead	KD Dr. med. Tanja Volm	t.volm@himed.ch
Gastroenterology Clinical Lead	PD Dr. med. Jonas Zeitz	jonas.zeitz@gastrozentrum.ch
Endocrinology Clinical Lead	TBD	
Nephrology Clinical Lead	Prof. Dr. med. Andreas Serra	andreas.serramph@hirslanden.ch
Urology Clinical Lead	PD Dr. med. Thomas Hermanns	thomas.hermanns@hirslanden.ch
Cardiology Clinical Co-Leads	Prof. Dr. med. Diana Reser Prof. Dr. med. Maurizio Taramasso	diana.reser@hirslanden.ch taramasso@herzzentrum.ch
Respiratory Clinical Lead	Dr. med. Andreas Piecyk	a.piecyk@lungenzentrum.ch
Rheumatology Clinical Lead	TBD	
Orthopaedics Clinical Lead	TBD	
Dermatology Clinical Lead	Prof. Dr. med. Mirjana Maiwald	maiwald@hautaerzte-zz.ch
Paediatrics Clinical Lead	Prof. Dr. med. Katrin Fasnacht	katrin.fasnacht@hin.ch
OBGYN Clinical Co-Leads	Prof. Dr. med. Bettina von Seefried Dr. med. Dimitrios Chronas	seefried@gyn-health.ch dimitrios.chronas@zollikerberg.ch
Psychiatry Clinical Lead	Prof. Dr. med. Wolfram Kawohl	wolfram.kawohl@clienia.ch
Ophthalmology Clinical Lead	Prof. Dr. med. Johannes Eisenack	johannes.eisenack@hin.ch
Neurosurgery Clinical Lead	Prof. Dr. med. René Bernays	rene.bernays@hirslanden.ch
Neurology Clinical Lead	Prof. Dr. med. Nils Peters	nils.peters@hirslanden.ch
Administrative Support	Ms Barbara Etzensberger Ms Michelle van Haaften	barbara.etzensberger@hirslanden.ch michelle.vanhaaften@hirslanden.ch



Lewisham & Greenwich NHS Trust				
Academic Lead	Dr George Dervenoulas	georgios.dervenoulas@nhs.net		
Gastroenterology Clinical Lead	Dr Vishal Saxena	vsaxena@nhs.net		
Endocrinology Clinical Lead	Dr Philippa Peto	philippa.peto@nhs.net		
Nephrology Clinical Lead	Dr Philippa Peto	philippa.peto@nhs.net		
Urology Clinical Lead	Mr Waseem Mulhem	Waseem.mulhem@nhs.net		
Cardiology Clinical Lead	Dr Shoaib Hamid	Shoaib.hamid@nhs.net		
Respiratory Clinical Lead	Dr Karnan Satkunam	karnan.satkunam@nhs.net		
Rheumatology Clinical Lead	Dr Catherine Mathews	catherinemathews@nhs.net		
Orthopaedics Clinical Lead	Mr Sunil Bajaj	Sunil.bajaj@nhs.net		
Dermatology Clinical Lead	Dr Monika Saha	Monikasaha@nhs.net		
Paediatrics Clinical Lead	Dr Victoria Rainsley	victoriarainsley@nhs.net		
OBGYN Clinical Lead	Mr Chandra Guha	c.guha@nhs.net		
Psychiatry Clinical Lead	Dr Helen Bruce	helen.bruce5@nhs.net		
Neurology Clinical Lead	Dr George Dervenoulas	georgios.dervenoulas@nhs.net		
Administrative Support	Nikola Hewitt	nikola.hewitt@nhs.net		
	Carly Raven	carly.raven@nhs.net		



Sheba Medical Center		
Associate Dean and Academic Lead	Professor Gad Segal	Gad.segal@sheba.health.gov.il
PVB Domain Lead	Prof Dan Justo	Dan.Justo@sheba.health.gov.il
Gastroenterology Clinical Lead	Dr Liat Waldman	Liat.WaldmanRadinsky@sheba.health.gov.il
Endocrinology Clinical Lead	Dr Liat Waldman	Liat.WaldmanRadinsky@sheba.health.gov.il
Nephrology Clinical Lead	Dr Liat Waldman	Liat.WaldmanRadinsky@sheba.health.gov.il
Urology Clinical Lead	Prof Zohar Dotan	Zohar.Dotan@sheba.health.gov.il
Cardiology Clinical Lead	Dr Liat Waldman	Liat.WaldmanRadinsky@sheba.health.gov.il
Respiratory Clinical Lead	Dr Liat Waldman	Liat.WaldmanRadinsky@sheba.health.gov.il
Rheumatology Clinical Lead	Dr Liat Waldman	Liat.WaldmanRadinsky@sheba.health.gov.il
Orthopaedics Clinical Lead	Dr Dan Prat	Dan.Prat@sheba.health.gov.il
Dermatology Clinical Lead	Prof Sharon Baum	Sharon.Baum@sheba.health.gov.il
Paediatrics Clinical Lead	Prof Yael Levy	Yael.Levy@sheba.health.gov.il
OBGYN Clinical Lead	Dr PVBhna Komem	PVBhna.Komem@sheba.health.gov.il
Psychiatry Clinical Lead	Dr Raz Gross	Raz.Gross@sheba.health.gov.il
Neurology Clinical Lead	Dr Daniela Zohar	Daniela.Zohar@sheba.gov.il
Administrative Support	Ela Yaloz Avraham Tal Ortal	Ela.Yalozavraham@sheba.health.gov.il Tal.Ortal@sheba.health.gov.il



Swedish Hospital		
Academic Lead	Dr Iryna Aleksandrova	ialeksandrova@schosp.org
PVB Domain Lead	Dr Igor Prus	iprus@schosp.org
Gastroenterology Clinical Lead	Dr Andrew Moore	AMoore3@northshore.org
Endocrinology Clinical Lead	ТВС	
Nephrology Clinical Lead	Dr Veeda Landeras	Veeda.Landeras@AinMD.com
Urology Clinical Lead	Dr Haley Silver	HSilver@northshore.org
Cardiology Clinical Lead	Dr Frederman Concepcion	FConcepcion@northshore.org
Respiratory Clinical Lead	Dr Craig Backous	CBackous@northshore.org
Rheumatology Clinical Lead	Dr Robert Hozman	drhozman@sbcglobal.net
Orthopaedics Clinical Lead	Dr Denis Williams	DeWilliams@northshore.org
Dermatology Clinical Lead	Dr Christopher Logas	CLogas@schosp.org
Paediatrics Clinical Lead	Dr Jacqueline Souza	Jsouza@schosp.org
OBGYN Clinical Co-Leads	Dr Julia Cartledge	JCartledge@schosp.org
	Dr Hanna Legator	HLegator@schosp.org
Psychiatry Clinical Co-Leads	Dr Ramon Solhkhah	RSolhkhah@northshore.org
	Dr Adam Goldenberg	AGoldenberg@northshore.org
Neurology Clinical Lead	Dr Danny Park	DPark3@northshore.org
Administrative Support	Jeanette Maatouk	jmaatouk@schosp.org



4.4 Student Support Services

Name	Title	Responsible for	Contact Details	
			email, phone number & office	
			nicolaou.p@unic.ac.cy	
	Associate Description from Charles to	Overseeing Student	+357 22 471 914	
Dr Soulla Nicolaou	Associate Dean for Students	Experience	1 st floor, Centre for Primary Care and Population Health (Block C)	
Mr Andreas Demetroudiou	Student Services Manager	Accommodation		
Ms Pamela Pastou	Student Services Coordinator	International Student advice (visas)		
Ms Christiana Constantinou	Student Services & Alumni Officer	Document requests	servicecentre@med.unic.ac.cv	
		Events and Activities	Student Service Centre, Ground floor, Block A	
		Health Insurance		
Mr Andreas Mavrou	Student Services Officer	MSSS Collaborations/		
		Student Clubs		
		Providing guidance to	glykys.h@unic.ac.cy	
Ms Hero Glykys	Registrar	students about the operation of all	+357 22 471 951	
	procedures		1 st floor, Medical School Block A	
			varda.d@unic.ac.cy	
Ms Despina Varda	Registry Coordinator	Student Support & Welfare	+357 22 471 905	
		Student Records	Ground floor, Medical School Block A	
Ms Lovella Galinato				
Ms Androniki Ellina	Registry officer	Student Support & Welfare	registry.medical@unic.ac.cy	
MS Dina Georgiades	-	Student Records		
			christodoulou.g@unic.ac.cy	
Ms Georgia Christodoulou	Head Librarian	Library	+357 22 471 946	
			Ground floor, Medical School Block A	
		Careers	chrysostomou.su@unic.ac.cy	
Ms Sue Chrysostomou	Careers & Alumni	Graduate & Alumni Affairs	+357 22 471 959	
,	Manager/Disabilities Advisor	Students with Disabilities	1 st floor, Medical School Block B	
			stephanou.k@unic.ac.cy	
Ms Karen Stephanou	Careers & Alumni Adviser	Postgraduate Application	+357 22 471 910	
•		support Alumni Presentations	1 st floor, Medical School Block B	
Ms Lamprini Zoulianiti	Careers & Alumni Administrator		zoulianiti.l@unic.ac.cy	



			+357 22 471 821
			1 st floor, Medical School Block B
IT Team		IT Facilities	itsupport.medical@unic.ac.cy
Finance Department		Finance	financeoffice@med.unic.ac.cy
Du Niceleo Dinic	Physician for Student Health	Student Medical issues	hsphysician@med.unic.ac.cy
Dr Nicolas Pipis	Services	and guidance on health matters	+357 22 471 876
		Student support relating	occupationalhealth@med.unic.ac.cy
Ms Inese Ellina	Student Health Services (SHS) Administrator	to all questions regarding	+357 22 471 931
	, anni istrator	OH and Disabilities	Ground floor, Medical School Block A
	Facilities Supervisor &	Facilities	stampolis.e@unic.ac.cy
Mr Evangelos Stampolis	Environment, Health and	Health and Safety	+357 22 471 938
	Safety Coordinator	(Medical School)	1 st floor, Medical School Block B
	1	Courses	KESY@unic.ac.cy
Counselling Service - KESY		Counselling	+357 22 795 100



5.Course Outlines

Course title	Clinical Speci	alties			
Course code	GEMD-401				
Course type	Required				
Level	Undergradua	te			
Year / Semester	Year 4 / Sem	esters 7 & 8 (rotation)			
Course Lead	Professor Jos Chair, Clinica	• •			
		T	eaching Periods p	er Wee	k
ECTS	60	Large Group Learning	Small Grou Learning	р	Clinical Practice
		6	2 30		
Prerequisites	None		Required	None	
Teaching Methodology		The course is delivered by clinical placements, lectures, tutorials, case studies and group discussions, theatre attendance and visits to the community including a hospice.			
Assessment	End of year exam and end of year OSCE. The written assessment will be Single Best Answer MCQs and Short Answer Questions. Workplace based assessmentswill take place during the attachment.				
Language	English	English			
Course purpose and objectives	students with also in the co to practise th and to learn	The main objectives of the last two years of the five-year medical course are to provide students with extensive experience in the clinical environment, mainly inhospitals but also in the community, so that they can utilise their learning over the previous three years to practise their clinical, communication, diagnostic andreasoning skills on real patients, and to learn about the management of patients,from a medical, therapeutic, surgical, psychosocial and caring perspective.			

(Cardiology	Cardiology and Respiratory (Cardiology, Cardiothoracic and Vascular Surgery; Respiratory Medicine, Thoracic Surgery)					
Course purposeand objectives	In this course, students will spend five weeks working primarily with patients with heart conditions and respiratory & breast diseases. 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 cardiovascular and respiratory diseases.					
	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 disorders of the cardiovascular and respiratory systems. They will also spendtime in theatre observing cardiothoracic surgery.					

	By the end of the	course the stu	donts sho	uld bo	able to:			
						ationt n	recenting with	
	1. take a focused history from a patient, or relative of a patient, presenting witha							
	cardiovascular, respiratory or breast condition, in a sensitive and caring manner.carry out a sensitive physical examination as part of investigation of the presenting							
		ensitive physical	examinat	lon as	part of ir	ivestigatio	on of the presenting	
	complaint.		:- f th		•:			
	3. discuss a diffe	-			-	-		
	 apply their knowledge of basic and clinical science to identify and explain appropriate investigations, including sputum, blood and urine tests, peak flow, imaging, fine needle aspiration, and biopsy, to assist in the diagnosis of the presenting complaint and to interpret the results from such tests. 						•	
Learning								
outcomes								
outcomes		-	-				ient to present to the	
		linician to includ		-	•	-	•	
	appropriate.			n, priai	macolog	ical, suigi		
		where appropr	iate carry	outor	assist wi	th medic	al and surgical	
			-				tory conditions,	
		opportunistic.				iu i copii u		
			at patients	s with a	cardiovas	scular and	respiratory diseases	
		propriate therap	•					
	Common present			-			d breastsystems	
	including:	C				•	·	
	 Hyperter 	ision						
	 Arrhythm 	nias						
	 Valvular heart disease 							
Course content	 Myocardial ischemia and infarction 							
course content	 Shock 							
	 Chest infections 							
	 Asthma and other lung disorders 							
		ory failure						
	-	breast cancer						
	•	reast disorders						
	Required textbool Authors	Title	Editio	~ D	ublisher	Yea	r ISBN	
	Grech,	ABC of			Viley-	2011		
	Ever D.	interventional	1		lackwell	2011	<u>e-book</u>	
		cardiology			lacktren			
	Caroline R	The Respirator	y 3 rd	E	lsevier	2022	2 9780702082849	
	Thomas, Gunchu	System:						
	Randhawa,	Systems of the						
	Stephen H.	Body Series						
	Hughes, Robert M.	Zollinger's atla	s 11 th	N	IcGraw-H	ill 2022	2 9781260440850	
Bibliography	Zollinger, E.	of surgical	5 11				5701200440050	
5121108149119	Christopher	operations						
	Ellison, Timothy							
	M. Pawlik,							
	Detrials Measure							
	Patrick Vaccaro							
	Recommended te	-	-	- · · ·				
	Recommended te Authors	Title	Edition	Publi		Year	ISBN	
	Recommended te Authors Herring N	Title Levick's	-	Publi CPC P		Year 2018	ISBN 9780815363613	
	Recommended te Authors	Title	Edition					

		physiology				
	Stephen J.	Respiratory	10 th	Willey-	2022	9781119774204
	Bourke,	medicine		Blackwell		
	Graham P.	(lecture notes)				
	Burns, James					
	G. Macfarlane					
	Dixon JM	ABC of Breast	4 th	Wiley	2012	9781444337969
		Diseases				<u>e-book</u>
	Joint	https://bestpr	Last one	BMJ Group	Current	
	Formulary	actice.bmj.co		and	year	
	Committee	<u>m/drugs</u>		Pharmaceutic		
				al Press		
	National	https://www.	Last one		Current	
	Institute for	<u>nice.org.uk/gu</u>			year	
	Health and	<u>idance</u>				
	Clinical					
	Excellence					
				•	·	
F	or more informa	tion on accessin	g the Briti	sh National For	mulary (BNF)	please see the
	ibrary guide <u>Heal</u>		-		, , , ,	
				the library guid	des: Clinical Pl	acement Support
	Resources & Heal			. •		<u>accinent Support</u>
	NESUUICES & MEdi		III WEII-DE	nesources		

	Rheumatology, Orthopaedics, Dermatology
Course purposeand objectives	In this course, students will spend five weeks working primarily with patients with musculoskeletal, orthopaedic and skin disorders. They will develop an understanding of the presentation, signs and symptoms, physical examination findings, investigations, diagnosis, treatment (medical and/or surgical, including plastic surgery, as appropriate) and management plan for commonmusculoskeletal, orthopaedic and skin disorders. The students will learn how to take detailed histories from, carry out systematicclinical examination of, and interpret laboratory and imaging data on patients with disorders of the musculoskeletal and integumentary systems and on patients requiring orthopaedic surgery. The students will gain a basic understanding of the application and type of information to be obtained from different methods for investigating musculoskeletal and skin disorders. They will also spend time in theatre observing musculoskeletal, orthopaedic and dermatological operations and plastic surgery.
Learning outcomes	 By the end of the course the students should be able to: 1. take a focused history from a patient, or relative of a patient, presenting witha musculoskeletal, orthopaedic or skin disorder, in a sensitive and caring manner. 2. carry out a sensitive physical examination as part of investigation of the presenting complaint. 3. discuss a differential diagnosis for the presenting complaint. 4. apply their knowledge of basic and clinical science to identify and explain appropriate investigations, including blood and urine tests, nerve conduction tests, imaging, joint aspiration and biopsy to assist in the diagnosis of the presenting complaint and to interpret the results from such tests. 5. prepare and explain 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, medical and surgical procedures relating to patients with rheumatological, orthopaedic and



	dormatolog	ical conditions play	nod and a	noortunistis		
	-	ical conditions, plar			s of the	ioints muscles
	7. Prescribe medications to treat patients with disorders of the joints, muscles, ligaments and skin make appropriate therapeutic/management decisions.					
	ligaments a	nu skin make appro	phate the	apeuticymanag	ement det	.1510115.
	Common preser	ntations affecting th	ne musculo	skeletal system	and skin i	ncluding:
		atoid and osteoarth				0
	o Connec	tive tissue disorders	5			
	 Disorde 	rs of bones and joir	nts			
.		es, dislocations and		njuries		
Course content		rs of the foot and s	-	-		
	 Skin dis 	orders and infection	าร			
	o Sarcom	as and skin cancer				
	O Burn ma	anagement and wo	und healing	2		
	 Sports M 	Medicine injuries				
	Required textbo	oks/reading				
	Authors	Title	Edition	Publisher	Year	ISBN
	Adebajo, Ade	ABC of	5 th	Wiley-	2018	9781118793213
	Dunkley L	rheumatology		Blackwell		<u>E-book</u>
	McGregor, AD	Fundamental	10 th	Elsevier	2000	978044306372
	McGregor IA	techniques of plastic surgeryand				
		their surgical				
		applications				
	Christopher E.	Rook's Textbook	10 th	Wiley-	2024	9781119709213
	M. Griffiths,	of Dermatology		Blackwell		
	Jonathan					
	Barker, Tanya					
	O. Bleiker, Walayat					
	Hussain,					
	Rosalind C.					
	Simpson					
Bibliography						
	Dandy, DJ	Essential	5 th	Churchill	2009	9780443067174
	Edwards DJ.	orthopaedicsand		Livingstone		
	Joint	trauma https://bestpracti	Latest	BMJ Group	Current	
	Formulary	ce.bmj.com/drugs	Latest	and	year	
	Committee			Pharmaceutic	,	
				al Press		
	National	https://www.nice	Latest	National	Current	
	Institute for	.org.uk/guidance		Institute for	year	
	Health and Clinical			Health and Clinical		
	Excellence			Excellence		
	Recommended	textbooks/reading	1		1	1
	Authors	Title	Edition	Publisher	Year	ISBN
	Stone J	Current diagnosis & treatment in	4 th	McGraw Hill	2021	9781259644643

	Ramachandran	Basic orthopaedic	2 nd	CRC Press	2017	9781444120981
	Μ	Sciences				
			1	I	1	lI
F	or more informa	tion on accessing t	he British N	lational Formula	ary (BNF) p	please see the
li	brary guide <u>Heal</u>	th Research Basics				
A	dditional inform	ation can also be fo	ound in the	library guides:	Clinical Pla	cement Support
R	esources & <u>Heal</u>	th Library Student	Well-being	Resources		

	Gastroenterology, Endocrinology
	Gastroenterology, Endocrinology In this course, students will spend five weeks working primarily with patients with
Course purpose and objectives	gastrointestinal (including liver and pancreas) and endocrine disorders 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 gastrointestinal and endocrine disorders. The students will learn how to take detailed histories from, carry out systematicclinical examination of, and interpret laboratory and imaging data on patients with disorders of the GI and endocrine systems. The students will gain a basic understanding of the application and type of information to be obtained from different methods of investigation. They will also spend time in theatre observing gastrointestinal and endocrine surgery.
Learning outcomes	 At the end of the course, the student will be able to: Take a focused history from a patient, or relative of a patient, presenting witha gastrointestinal (including liver and pancreatic) or endocrine disorder, in a sensitive and caring manner Carry out a sensitive physical examination as part of investigation of the presenting complaint Discuss a differential diagnosis for the presenting complaint Apply their knowledge of basic and clinical science to identify and explain appropriate investigations, including sputum, blood, urine and faecal tests, imaging, fine needle aspiration, and biopsy to assist in the diagnosis of the presenting complaint a treatment management plan for the patient to present to the responsible clinician to include medical, pharmacological, surgical options as appropriate Observe, and where appropriate carry out or assist with, medical and surgical procedures relating to patients with gastrointestinal and endocrine disorders and make appropriate therapeutic/management decisions.
Course content	 Common presentations affecting the gastrointestinal and endocrine systemsincluding: acute and chronic abdominal pain gastrointestinal bleeding inflammatory bowel disorders diseases of the liver and biliary tract oesophageal, gastric, colonic and rectal cancer endocrine disorders of the hypothalamus, pituitary, thyroid, parathyroid, adrenal and pancreas

Authors	Title	Edition	Publisher	Year	ISBN
Logan, R, Harris, A,	ABC of the Upper		BMJ Books	2002	9780727912664
Misiewicz, J &	Gastrointestinal				
Baron, J	Tract				
Chris Tselepis,	Digestive system:	3 rd	Elsevier	2022	9780702083761
Mohammed Nabil	basic science and				
Quraishi, Richard	clinical conditions				
Horniblow, Stephe					
n H. Hughes,					
Wass J Arlt W,	Oxford Textbook	3 rd	Oxford	2021	9780198870197
Semple R	of Endocrinology		University		
· ·	and Diabetes		Press		
Holt, EH,Lupsa, B,	Goodman's Basic	5 th	Elsevier	2021	9780128158449
Lee, GS,	Medical				
Bassyouni, H,	Endocrinology				
Peery, H					
Joint Formulary	https://bestpracti	Latest	BMJ Group	Current	
Committee	e.bmj.com/drugs		and	year	
			Pharmace		
			utical		
			Press.		
National Institute	https://www.nice.	Latest		Current	
forHealth and	org.uk/guidance			year	
Clinical Excellence					
Recommended te			D. L.L.L.	X	
Authors		Edition	Publisher	Year	ISBN
	Gastrointestinal	1 st	Murphy &	2022	978163987253
Hall I	Treat Disc. 1			1	
Напт	Tract Disorders:		Moore		
Hall I	Tract Disorders: Diagnosis and Treatment		Publishing		

	Nephrology, Urology
	In this course, students will spend five weeks working primarily with patients withrenal and urological disorders.
Course purpose and objectives	They will develop an understanding of the presentation, signs and symptoms, physical examination findings, investigations, diagnosis, treatment (medical and/or surgical, including transplant surgery, as appropriate) and management plan for common renal and urological disorders.
	The students will learn how to take detailed histories from, carry out systematicclinical examination of, and interpret laboratory and imaging data on patients with disorders of the kidneys and urological system. The students will gain a basic understanding of the application and type of information to be obtained from different methods for investigating kidney and urological disorders. They will also spend time in theatre

	observing renal,	urological and ti	ansplant su	rgery.					
		e course, the stu							
					ient, prese	nting witha renal			
	or urological disorder, in a sensitive and caring manner								
	•	•		•	estigation of	of thepresenting			
	complaint			·	Ū				
		ferential diagnos	is for the pr	esenting compl	aint				
	4. Apply their	4. Apply their knowledge of basic and clinical science to identify and explain appropriate investigations, including blood and urine tests, imaging, fine needle							
	appropriate								
Learning	aspiration, a	aspiration, and biopsy to assist in the diagnosis of the presenting complaint and to							
outcomes	interpret the	e results from suc	ch tests						
	5. Prepare and	explain a treatm	ent manage	ement plan for t	the patient	to present to the			
	responsible	clinician to inclu	de medical,	pharmacologica	al, surgical o	options as			
	appropriate								
	6. Observe, and	d where appropr	iate, carry o	ut or assist with	n, medical a	and surgical			
	procedures i	relating to patier	its with rena	al or urological o	conditions,	planned and			
	opportunisti	c							
	7. Prescribe me	edications to trea	at patients w	vith kidney and	urinary tra	ct			
	diseases/dis	orders and make	appropriate	e therapeutic/n	nanagemer	nt decisions.			
	Common preser	ntations affecting	the renal a	nd urogenital sy	stems inclu	uding:			
	 renal fai 	lure and nephro	oathy						
	urinary	calculi							
Course content	fluid and	d electrolyte imb	alance						
	 infections 								
		adder and prosta	atic cancer						
		•		sorders					
	benign prostatic and urinary tract disorders								
	Required textboo	oks/reading							
	Required textboo		Edition		Vear	ISBN			
	Required textboo Authors	oks/reading Title	Edition	Publisher	Year	ISBN			
	Authors Vincent Lee,	Title The Renal System:			Year 2022	ISBN 9780702082924			
	Authors Vincent Lee, Amanda Mather,	Title The Renal System: Systems of the		Publisher					
	Authors Vincent Lee,	Title The Renal System:		Publisher					
	Authors Vincent Lee, Amanda Mather, Stephen H.	Title The Renal System: Systems of the Body Series		Publisher					
	Authors Vincent Lee, Amanda Mather, Stephen H. Hughes Joint Formulary	Title The Renal System: Systems of the Body Series <u>https://bestpracti</u>		Publisher Elsevier BMJ Group	2022 Current	9780702082924 Joint Formulary			
	Authors Vincent Lee, Amanda Mather, Stephen H. Hughes	Title The Renal System: Systems of the Body Series	3rd	Publisher Elsevier BMJ Group and	2022	9780702082924			
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	Authors Vincent Lee, Amanda Mather, Stephen H. Hughes Joint Formulary Committee National Institute for Health and	Title The Renal System: Systems of the Body Series <u>https://bestpracti</u> <u>ce.bmj.com/drugs</u>	3rd Last one	Publisher Elsevier BMJ Group and Pharmaceutica	2022 Current year	9780702082924 Joint Formulary Committee National Institute for Health and			
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Bibliography	Authors Vincent Lee, Amanda Mather, Stephen H. Hughes Joint Formulary Committee National Institute for Health and Clinical Excellence	Title The Renal System: Systems of the Body Series <u>https://bestpracti</u> <u>ce.bmj.com/drugs</u> <u>https://www.nice</u> <u>.org.uk/guidance</u>	3rd Last one Last one	Publisher Elsevier BMJ Group and Pharmaceutica	2022 Current year Current	9780702082924 Joint Formulary Committee National Institute for Health and Clinical			
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Bibliography	Authors Vincent Lee, Amanda Mather, Stephen H. Hughes Joint Formulary Committee National Institute for Health and Clinical Excellence Recommended to Authors Alan S. L. Yu,	Title The Renal System: Systems of the Body Series <u>https://bestpracti</u> ce.bmj.com/drugs <u>https://www.nice</u> .org.uk/guidance extbooks/readin Title Brenner &	3rd 3rd Last one Last one	Publisher Elsevier BMJ Group and Pharmaceutica I Press	2022 Current year Current year	9780702082924 Joint Formulary Committee National Institute for Health and Clinical Excellence			
Bibliography	Authors Vincent Lee, Amanda Mather, Stephen H. Hughes Joint Formulary Committee National Institute for Health and Clinical Excellence Recommended to Authors Alan S. L. Yu, Glenn M.	Title The Renal System: Systems of the Body Series <u>https://bestpracti</u> ce.bmj.com/drugs <u>https://www.nice</u> .org.uk/guidance extbooks/readin Title Brenner & Rector's	3rd 3rd Last one Last one B Edition	Publisher Elsevier BMJ Group and Pharmaceutica I Press	2022 Current year Current year Year	9780702082924 Joint Formulary Committee National Institute for Health and Clinical Excellence ISBN			
Bibliography	Authors Vincent Lee, Amanda Mather, Stephen H. Hughes Joint Formulary Committee National Institute for Health and Clinical Excellence Recommended to Authors Alan S. L. Yu, Glenn M. Chertow,	Title The Renal System: Systems of the Body Series <u>https://bestpracti</u> ce.bmj.com/drugs <u>https://www.nice</u> .org.uk/guidance extbooks/readin Title Brenner &	3rd 3rd Last one Last one B Edition	Publisher Elsevier BMJ Group and Pharmaceutica I Press	2022 Current year Current year Year	9780702082924 Joint Formulary Committee National Institute for Health and Clinical Excellence ISBN			
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For more information on accessing the British National Formulary (BNF) please see the
library guide <u>Health Research Basics</u>
Additional information can also be found in the library guides: Clinical Placement
Support Resources & Health Library Student Well-being Resources

	Obstetrics and Gynaecology
Course purpose	In this course, students will spend five weeks working primarily with women of all ages, and, particularly during pregnancy, labour and birth, with their families. They will develop an understanding of the presentation, signs and symptoms, physical examination findings, investigations, diagnosis, treatment (medical, pharmacological and surgical) and management plan for straightforward and abnormal obstetric and gynaecological conditions.
and objectives	The course introduces the students to key processes in human procreation and development. They will follow normal and abnormal pregnancies, from conception to delivery and will encounter, and learn how to deal with, commonobstetric problems, including emergencies. Students will also acquire an understanding of all aspects of health and illness relating to women from childhood to old age and will identify common problems related to the female reproductive system and describe their management.
Learning outcomes	 By the end of the course the students should be able to: 1. take a general obstetric history, and identify case-specific obstetric risk factors, from women with normal and abnormal pregnancies, in a sensitive and caring manner 2. describe, in detail, normal pregnancy, labour, delivery and the puerperium and its management. 3. take a focused gynaecological history from women with abnormal gynaecological presentations 4. carry out obstetric examinations, including what is required for a routine antenatal check. 5. carry out obstetric examination, with particular relevance to common gynaecological conditions. 6. perform intimate examinations where appropriate, including vaginal and speculum examinations on both gynaecological and obstetric patients. 7. take cervical smears and where relevant vaginal and cervical swabs. 8. discuss a differential diagnosis for the presenting complaint 9. apply their knowledge of basic and clinical science to identify and explain appropriate investigations for Obstetrics & Gynaecology patients, interpret the results accurately 10. prepare and explain a treatment management plan for the patient to present to the responsible clinician to include medical, pharmacological, surgical options as appropriate 11. communicate effectively with women and colleagues about general health and problems related to their reproductive system. 12. work effectively as a key team member in the management of health and illness issues for women. 13. observe, and where appropriate, carry out or assist with, medical and surgical procedures relating to patients with gynecological diseases and in pregnancy, planned and opportunistic. 14. Prescribe medications to treat patients with gynecological diseases and in pregnancy, planned, and opportunistic.
Course content	 and make appropriate therapeutic decisions. Common presentations affecting the reproductive system including: Neonatal congenital disorders



		tal, pubertal, cong ation, vaginal bleed							
	 Menstrua Sub-fertil 		ang and	post	t-menopausai	alsoraers			
	 Sexually transmitted infections 								
	 Sexually transmitted infections Ovarian, endometrial and cervical cancer 								
Dibliggrophy	Pregnancy and birth disorders Required textbooks/reading								
Bibliography	-	· · · · · · · · · · · · · · · · · · ·				Mara			
	Authors	Title	Edi	tion	Publisher	Year	ISBN		
	, ,	Essential Obstetrics and Gynaecology	6 th		Elsevier	2019	9780702076381		
		Williams Gynaecology	4 th		Blackwell McGraw Hill	2020	9781260456868		
	Gary Cunningham, Kenneth Leveno, Catherine Spong, Jodi Dashe, Barbara Hoffman, Brian Casey	Williams Obstetrics	26 ^{ti}	ſ	Blackwell McGraw Hill	2022	9781260462739		
	Hanretty, K	Obstetrics Illustrate	d 7 th		Churchill Livingston e	2009	9780702030666		
		http://bestrpractice bmj.com/drugs	<u>e.</u> Late	est	BMJ Group and Pharmace utical Press	Current year			
	National	http://www.nice.or	g. Lat	est		Current			
	Institute for Health and Clinical Excellence	<u>uk/guidance</u>				year			
	Recommended te	xtbooks/reading							
	Authors	Title	Editio	n	Publisher	Year	ISBN		
	Sally Collins, Kevin	Oxford	4 th		Oxford	2023	9780198838678		
	Hayes, Sabaratnam Arulkumaran, Kirana Arambage, Lawrence Impey	handbook of obstetrics and Gynaecology	4			2023	5780198838078		
	For more informa [.]	tion on accessing	the Bri	tish N	National Form	nulary (BN	IF) please see the		
	library guide <u>Healt</u> Additional informa	h Research Basics				-			
	Resources & Healt								

	Paediatrics
Course purpose and objectives	In this course, students will spend five weeks working primarily with children of all ages, and their families. They will develop an understanding of the presentation, signs and symptoms, physical examination findings, investigations, diagnosis, treatment (medical, pharmacological and surgical) and management plan for common paediatric illnesses. They will learn to recognize and manage the well and ill infant, child and adolescent, to elicit and interpret findings from history taken from a child or accompanying adult, to acquire sufficient skill to carry out a full physical examination of a child of any age, to interpret laboratory and imaging data, forma differential diagnosis and treatment plan and communicate information appropriately with the child or accompanying adult.
Learning outcomes	 After the completion of the course the students should be able to: 1. take a focused history from a child, or relative/guardian of a child, in a sensitive and caring manner. 2. carry out a sensitive physical examination of the newborn, infant, toddler,child and adolescent as part of investigation of the presenting complaint. 3. assess the adherence of a child to developmental milestones, outlining the different abilities of children at different ages. 4. explain the importance of growth in children and how to use a growth chart. 5. discuss a differential diagnosis for the presenting complaint. 6. apply their knowledge of basic and clinical science to identify and explain appropriate investigations, including blood and urine tests, and imaging, to assist in the diagnosis of the presenting complaint and to interpret the results from such tests. 7. prepare and explain a treatment management plan for the child to present to the responsible clinician to include medical, pharmacological, surgical options as appropriate. 8. observe, and where appropriate carry out or assist with, the following procedures: and other surgical procedures, planned and opportunistic. 9. discuss ways in which the delivery of care might be different for a child compared to an adult and describe how infants and children need different care at different ages. 10. outline the role of different professionals involved in the delivery of care to children and describe how a team works together to tailor treatment to the individual. 11. describe the outine immunisation schedule for children. 12. recognise signs of possible child abuse and outline procedures to be followed in the eventuality of coming across such abuse. 13. recognize when a parent or guardian must give consent on behalf of a child, and when the child is legally able to consent on his/her own. 14. Prescribe medications to treat children and make approp
Course content	 Knowledge Normal values of investigations in children and how they differ with age Immunisation schedule for children Metabolic, endocrine and growth in children and adolescents Handicapping conditions of childhood and the services available for their amelioration Neonatology The scope of paediatric surgery Common conditions affecting children and adolescents



		Catalized (ora	C							
	0	•		nfant death syndro	•					
	0			children and adole						
	0	-		liovascular disease		n and adolescents				
	 Neurology and development in children of all ages Uripany tract and penkrology conditions in children and 									
	 Urinary tract and nephrology conditions in children and adolescents 									
	 Gastro-Intestinal disease in children and adolescents 									
	0									
		adolescents								
	0	Common childh	nood infect	tions						
	0	Child psychiatry	y and aspe	cts of social medic	ine affectir	ng children				
	0	Child abuse								
	0	Musculoskeleta	al and join	t problems affecti	ng childrer	n andadolescents				
	0	•••	and One	cology conditions	s affectin	ig children and				
		adolescents								
	0			• • •	developm	ent, mentalhealth				
		and gynaecolog	gical issues							
	Skills									
	-	-		munication with ch		-				
			cording o	f developmental	milestone	s; growth charts				
	Professional co	•								
	 Health 	are professiona	ls involved	in the care of child	dren of all	ages				
	 Consen 	t and Gillick/Fra	ser compe	tence						
	Required text	books/reading								
	Authors	Title	Edition	Publisher	Year	ISBN				
	Tom Lissaue, Will Carroll	Illustrated textbook of paediatrics	6 th	Elsevier	2021	9780702081804				
	Gill, Denis	Paediatrics clinical examination made easy	6 th	Elsevier	2018	9780702072895				
	Joint Formulary Committee	https://bestpr actice.bmj.co m/drugs	Latest	BMJ Group and Pharmaceutical Press	Current year					
Bibliography	National Institute for Health and Clinical Excellence	<u>https://www.</u> nice.org.uk/gu idance	Latest		Current year					
	Recommende	d textbooks/re	ading							
			-							
	Authors	Title	Edition	Publisher	Year	ISBN				
	Robert M. Kliegman, Joseph W. St. Geme III	Nelson textbook of pediatrics	22 nd	Elsevier	2024	9780323883054				
	the library guid	e <u>Health Resea</u>	irch Basic			[,] (BNF) please see nical Placement				



	Psychiatry
Course purpose and objectives	In this course, students will spend five weeks working primarily with patients with mental illness. They will develop an understanding of the presentation, signs and symptoms, physical examination findings (if any), investigations (if any), diagnosis, treatment (medical and psychological) and management plan for common psychiatric disorders. They will communicate with the mentally ill, take a psychiatric history from them and carry out a mental state examination, while appreciating the importance of psychological, biological and social factors in the presentation, diagnosis and treatment of physical and psychiatric illness.
Learning outcomes	 After completion of the course the students should be able to: Take a psychiatric history from a patient, or relative of a patient, who is mentally ill in a sensitive and caring manner. Carry out a mental state examination (and any necessary physical examination) as part of investigation of the presenting complaint. Broadly outline a classification of mental illness differentiating between functional and organic illness and psychotic and neurotic states. Discuss a differential diagnosis for the presenting complaint. Identify appropriate investigations, if any, including blood and urine (e.g. for drugs) to assist in the diagnosis of the presenting complaint and to interpret the results from such tests. Produce a comprehensive summary of the patient, to include symptoms and problems, aetiological factors, differential diagnosis, treatment plan and prognosis to present to the responsible clinician. Describe the psychological, social (talking) and physical (pharmacological and other) therapies that may be used in the treatment of mental illness, and discuss possible adverse effects or complications of treatments. Discuss the medico-legal and ethical dilemmas associated with working with the mentally ill, including the ethics of involuntary detention and treatment in psychiatry. Describe how to carry out a risk assessment on a patient.
Course content	 Addictive behaviour, alcohol, smoking and drugs Mood disorders e.g. depression Anxiety disorders, including phobias Self-harm and suicide Delirium (acute confusional state) Eating disorders and obesity Medically unexplained symptoms (somatoform, hypochondriacal and dissociative disorders) Psychological aspects of chronic pain and disability Schizophrenia and Psychosis, including delusions and hallucinations Behavioural Disorders, including sexual dysfunction Cognitive Problems (Organic Psychiatric Disorder) including dementia and Alzheimer's



	 Persona Forensic Psychiat Child an Psycholo ECT Mental I 	g disability lity Disorder : Psychiatry ry of aging and di d adolescent psyc ogical treatments Health Act y and consent to t	hiatry			
Bibliography	Required textb	ooks/reading	1	1	T	I
0 1 7	Authors	Title	Edition	Publisher	Year	ISBN
	Padraig Wright, Julian Stern, Michael Phelan	Core Psychiatry	3 rd	Saunders	2012	9780702033971
	Joint Formulary Committee	<u>https://bestprac</u> <u>tice.bmj.com/dr</u> ugs	Latest	BMJ Group and Pharmaceutic al Press	Current year	
	National Institute for Health and Clinical Excellence	<u>https://www.ni</u> <u>ce.org.uk/guida</u> <u>nce</u>	Latest		Current year	
	Recommended	l textbooks/rea	ding	1	1	T
	Authors	Title	Edition	Publisher	Year	ISBN
	American Psychiatric Association	Diagnostic and statistical manual of mental disorders	5 th	American Psychiatric Association	2022	9780890425763
	the library guide	e <u>Health Researc</u> mation can also	<u>h Basics</u> be found	in the library g	uides: <u>Clir</u>	

Neurology (Neurology, Neurosurgery and Palliative Care), ENT, Ophthalmology					
Course purpose and objectives	In this course, students will spend five weeks working primarily with patients with neurological, ear, nose & throat (ENT) and eye 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, ENT or eye disorders. They will learn how terminally ill patients are cared for when they are no longer able to benefit fromcurative treatment, but receive palliative care instead.				
	The students will learn how to take detailed histories from, carry out systematicclinical examination of, and interpret laboratory and imaging data on patients with neurological, ENT and eye disorders. The students will gain a basic understanding of the				

	application and	type of informat	ion to be	obtained fro	m differ	ent methods for
		irological, ENT and				
		ent of ENT and e	•	-	-	
		surgical, ENT ande	-	•	•	
	-	tion of the course			ble to:	
		y from a patient, o				ith a neurological
		a condition affecti			-	-
	caring mann	er				
	2. carry out a s	ensitive physical e	amination	as part of inve	estigation	of the presenting
	complaint in	cluding use of the	basic instru	iments for ENT	and eye	examination such
	as otoscope	and hand-held opł	nthalmosco	pe.		
	3. discuss a dif	ferential diagnosis	for the pre	senting compl	aint	
	4. apply their	knowledge of ba	asic and c	linical science	e to ider	ntify and explain
	appropriate	investigations, in	cluding bl	ood, urine ar	nd CSF t	ests, tests using
Learning		and imaging, cyto				-
outcomes		omplaint and to in	•			
		explain a treatmer	-	-	-	-
		clinician to inclu	de medica	l, pharmacolo	ogical, su	rgical options as
	appropriate					
		d where appropria				•
	and opportu	relating to patients	s with neur	ological, ENT	or eye co	naitions, planned
		tive care and summ	narise what	is included in :	an integra	ated care nathway
		y ill patients and th			unniegie	
		edications to treat			l disorde	rs and in palliative
		ake appropriate the		-		· · · · · · · · · · · · · · · · · ·
		tations affecting t		-		and throat, and
	eyes including:	0	·			,
	Headache					
	Cerebrovasc	ular disease				
		eizures and epileps	v			
	Movement of		,			
		ng conditions				
		nd other intracrani	al infection	16		
	-	rs and ENT tumour		15		
Course content		ase and myasthenia				
course content		•	agiavis			
		•		+- +h		
		and other conditio				
		lating to the nose a	ind sinuses			
	Throat disor					
		fecting the voice				
		fecting the eye, inc	luding conj	junctivitis, cata	aracts, gla	aucoma and
	retinopathy					
		ogical emergencies				
	 Terminal Car 	e issues including	euthanasia			
	·					
	Required Textboo				1	
	Required Textboo Authors	oks/Reading: Title	Edition	Publisher	Year	ISBN
Bibliography			Edition 5 th	Publisher Churchill	Year 2010	ISBN 9780443069574
Bibliography	Authors	Title				



Fuller, G. & Manford, M.	Neurology: an illustrated colour text	3 rd	Churchill Livingstone	2010	9780702032240
Cherny N Fallon M, Kasasa S Portenoy RK Currow D.	Oxford textbook of palliative medicine	6 th	Oxford	2024	9780198900597
Fallon, Marie Hanks G	ABC Palliative Care	2 nd	Wiley- Blackwell	2006	9781405130790
Corbridge, R Steventon N	Oxford handbook of ENT and head and neck surgery	3 rd	Oxford	2020	978019872331
Riordan-Eva, Paul	Vaughan & Asbury's general ophthalmology	19 th	McGraw-Hill	2017	9780071843539
Joint Formulary Committee	http://bestpractic e.bmj.con/drugs	Latest	BMJ Group and Pharmaceuti cal Press	Current Year	
National Institute for Health and Clinical Excellence	https://www.nice .org.uk/guidance	Latest		Current Year	
ecommended T	extbooks/Reading:	1	1		
Authors	Title	Edition	Publisher	Year	ISBN
Lewis ED Mayer SA Noble JM	Merritt's neurology	14 th	Lippincott, Williams & Wilkins.	2021	9781975141226 <u>E-book</u>
Jackson Timothy L	Moorfields Manual of Ophthalmology	3 rd	JP Medical Ltd	2019	9781909836945
Batterbury M Murphy C	Ophthalmology: An illustrated	4 th	Churchill Livingstone	2019	97800702075025

Additional information can also be found in the library guides: <u>Clinical Placement Support</u> Resources & <u>Health Library Student Well-being Resources</u>



6. Assessment in the Penultimate Year

6.1 Scheme of Assessment

The Scheme of Assessment sets out the assessment requirements for Years 1-5 for a student enrolled on the programme. Please refer to the Scheme of Assessment on Moodle (<u>https://courses.unic.ac.cy/course/view.php?id=24968</u>) for further details regarding the Assessment of the Penultimate Year of the GEMD Programme.



7. Professional Values and Behaviours in the Penultimate Year

7.1 Introduction to Professional Values and Behaviours

The Professional Values and Behaviours (PVB) domain is one of the three domains that underpins all five years of the GEMD Programme – the other domains being those of 'Knowledge' and 'Skills'. The PVB domain monitors medical students' progress in developing appropriate behaviours and skills and their ability to apply these in a clinical workplace. Increased exposure to clinical environment during clinical attachments provides opportunities to develop professional skills in a real work environment. Medical students are expected to observe the same standards of professionalism as a qualified doctor.

7.2 Content and Delivery in the Penultimate Year

In the penultimate Year, the PVB domain is divided into three elements:

- 1. **Attendance Element**: This element assesses satisfactory attendance at mandatory teaching sessions and clinical attachments (including punctuality).
- 2. **Professional Behaviour Element:** This element assesses professional behaviour relating to learning and clinical practice required by practising doctors.
- 3. Clinical Placement Portfolio Element: This element assesses knowledge and skills required for clinical practice.

Element	What is assessed		
Attendance	Overall satisfactory attendance in the		
	Penultimate Year sessions (including		
	punctuality)		
Professional Behaviour	Appropriate professional behaviour		
Clinical Placement Portfolio	Assessment of knowledge and skills for		
	clinical practice		



7.3 The Attendance Element

7.3.1 The Attendance Policy

Students on the GEMD Programme are expected to attend 100% of the time. It is understood that there may be extreme circumstances when a student needs to be absent, however, this would need to be justified by mitigating circumstances and cannot exceed 20% of timetabled activities across the academic year. Only substantiated mitigating circumstances will be approved. Furthermore, students are reminded that they should be present in advance of any session of the eight clinical rotations of the Penultimate Year. The Medical School applies a strict rule policy for lateness. Therefore, if students are more than 5 minutes late for any scheduled session they may not be allowed to attend the session in order to prevent disruption. If this happens, then the student will be marked as absent. This decision is at the absolute discretion of the clinical team member delivering the session and is not subject to appeal unless for very valid and substantiated reasons. It is also important to note that if students need to be absent for any reason they should inform their **Clinical Site Administrator and Senior Clinical Placements Administrator Ms Katerina Tsiamezi prior to or immediately after their absence in order to allow adequate time for any remediation to be planned.**

All absences (regardless of the reason) are recorded. This will include approved mitigating circumstances; **an absence still constitutes an absence and is recorded** under the 'Attendance Element' of the Professional Values and Behaviours Domain of assessment.

Attendance guidance specific for courses/ clinical rotations in Semesters 7 and 8 of the Penultimate Year will normally be outlined at the start of each attachment. It is mandatory to keep a logbook for all clinical attachments and details of this requirement will be given to students at the start of each clinical attachment.

7.3.2 Mitigating Circumstances

We understand that due to illness or unforeseen personal circumstances, students may be unable to attend 100% of a course/clinical rotation. If a student is absent for more than two consecutive days, relevant supporting documents, such as a doctor's note confirming the medical condition, must be provided. These documents should be submitted to the Clinical Site administrator within a reasonable timeframe - no later than five working days after the circumstances occurred. Students who fail to provide the necessary documentation will have their absence classified as unauthorized. The form for mitigating circumstances is available on Moodle.



7.3.3 Missing out on clinical experience

Any time missed from any of the clinical rotations for any reason, even if mitigating circumstances apply, needs to be remediated in collaboration with the relevant Clinical Placement Lead. In the event whereby a student misses 20% and more of a placement, they need to inform the relevant **Clinical Site Administrator and Clinical Placements Administrator – Ms Katerina Tsiamezi who will inform the Penultimate Year Lead and PVB Assessment Lead - Dr Paola Nicolaides** for arrangement of the remediation for which student will require approval from PVB Assessment Lead prior to the start of the remediation. For further information please refer to Rules for Missing Time on Clinical Attachments in Clinical Practice Years in Appendix II.

7.3.4 The Attendance Element Grade

- During the Penultimate Year the students have to complete the following clinical rotations:
 - GEMD-401 Clinical Specialties: Gastroenterology, Endocrinology
 - GEMD-401 Clinical Specialties: Nephrology, Urology
 - GEMD-401 Clinical Specialties: Cardiology, Respiratory
 - GEMD-401 Clinical Specialties: Rheumatology, Orthopaedics, Dermatology
 - GEMD-401 Clinical Specialties: Paediatrics
 - GEMD-401 Clinical Specialties: Obstetrics & Gynaecology
 - GEMD-401 Clinical Specialties: Psychiatry
 - GEMD-401 Clinical Specialties: Neurology (Neurology, Neurosurgery & Palliative Care),
 ENT, Ophthalmology
- The Clinical Lead will provide the Attendance Grade for each attachment by completing the CLINICAL PLACEMENT & PROFESSIONALISM CERTIFICATE (CPPC). Each clinical attachment requires completion of a separate CPPC.
- The Attendance Grade is either a Pass or a Fail.
- The Clinical Lead will be consulting with other clinicians/medical professionals that have observed your work during the attachment when completing the CPPC.
- Further information on the criteria for a Pass or Fail are found on the CPPC form.



A summary of the Attendance Element components of the Penultimate Year Professional Values and Behaviours Domain is provided in the table below.

E	lement	Component	Algorithm for Attendance Element	Grade for Attendance Element
		A1. Gastroenterology, Endocrinology (completion of CPPC and Logbook)	To achieve a Pass a student needs to pass all components A1-A8 <u></u> A Fail across any course A1-A8 (following remediation if needed) will be reviewed by the Grading Committee which is responsible for giving the overall grade for the Attendance Element.	Pass (P) / Fail (F)
		A2. Nephrology, Urology (completion of CPPC and Logbook)		
	nce Attendance Grade for	A3. Cardiology, Respiratory (completion of CPPC and Logbook)		
		A4. Rheumatology, Orthopaedics, Dermatology (completion of CPPC and Logbook)		
Attendance		A5. Paediatrics (completion of CPPC and Logbook)		
		A6. Obstetrics & Gynaecology (completion of CPPC and Logbook)		
		A7. Psychiatry (completion of CPPC and Logbook)		
		A8. Neurology (Neurology, Neurosurgery & Palliative Care), ENT, Ophthalmology (completion of CPPC and Logbook)		

The possible grades for the Attendance Element are Pass or Fail. To achieve a Pass a student needs to pass all components A1-A8 (please see Table 3). A Fail in any of the components A1-A8 may require remediation prior to the Grading Committee meeting which is responsible for giving an overall grade for the Attendance Element. If a student is unable to do so, they will be discussed at the PVB GC meeting and if appropriate, a remediation plan will be agreed to be completed in the resit period by the student.

7.4 The Professional Behaviour Element

7.4.1 Professional Behaviour of Medical Students

Whilst the majority of doctors and students are highly professional, poor professional behaviour is one of the most common reasons for poor performance in doctors. Of those individuals referred to their licensing board for poor professional behaviour in the UK or US, a high proportion have previously exhibited unprofessional behaviour at the medical school.



The University of Nicosia Medical School aligns with the United Kingdom Medical School standards and guidelines represented by the General Medical Council (GMC). These guidelines require that medical schools have strategies in place for detecting unprofessional behaviour and offer help to students who do not understand the importance of, or who do not exhibit high standards of, the professional behaviour expected.

In Years 1-5 the assessment of professionalism is summative and the students will be assessed against behavioural markers in their approach to learning. Their professionalism on clinical attachments and in relation to managing their workload and good academic practice will also be systematically assessed.

Student's professional attitude and behaviour will be assessed with regards to the following:

- Honesty and integrity
- Reliability and responsibility
- Respect for patients and others
- Compassion, empathy, altruism and advocacy
- Communication and collaboration
- Approach to learning
- Self-awareness and knowledge of limits
- Attitude to own health

Specific descriptors of appropriate professional behaviour are provided by the American Academy of Paediatrics (AAP) and are shown in <u>Appendix I</u>.

Recognising the subjective nature of 'one off' assessments, normally multiple markers of unprofessional behaviour would be required to affect a student's end of year PVB overall grade. 'One-off' minor issues or handing in a piece of work late is not likely to result in a Fail. However, 'one-off' serious matters (such as signing in for absent students, signing in and leaving sessions, the forging of any assessment form, or rudeness etc.) may affect the Professional Behaviour grade and the overall PVB grade.

7.4.2 The structure of the Professional Behaviour Element

A summary of the Professional Behaviour Element components of the Penultimate Year Professional Values and Behaviours Domain is provided in the table below.



Table 2: Professional Behaviour Element components

Element	Component	Algorithm for Professional Behaviour Element	Grade for Professional Behaviour Element
Professional Behaviour	 P1: Absence of Professional Incident Reports (PIRs) and;/or Attendance at Progress Meetings due to unprofessional behaviour P2: Absence of Warning Letters P3: Timely submission of clinical placement portfolio for each course/clinical rotation P4: End of course feedback for all courses/clinical rotations P5: Professionalism Grade for Gastroenterology, Endocrinology (completion of CPPC) P6: Professionalism Grade for Nephrology, Urology (completion of CPPC) P7: Professionalism Grade for Cardiology, Respiratory (completion of CPPC) P8: Professionalism Grade for Paediatrics (completion of CPPC) P9. Professionalism Grade for Obstetrics & Gynaecology (completion of CPPC) P10. Professionalism Grade for Psychiatry (completion of CPPC) P11. Professionalism Grade for Neurology (Neurology, Neurosurgery & Palliative Care), ENT, Ophthalmology (completion of CPPC) 	To achieve a Pass a student needs to pass all components P1–P11. A fail in any of the components P1–P11 will be reviewed by the Grading Committee which is responsible for giving the overall grade for the Professional Behaviour Element.	Pass/Fail

P1: Absence of Professional Incident Reports (PIRs) and/or attendance at Progress Meetings due to unprofessional behaviour

A Professional Incident Report (PIR) is designed to give an opportunity to faculty or staff to report any concerns they may have about repetitive unprofessional behaviours displayed by students either within the Medical School, on the clinical sites or elsewhere. PIRs may be also issued in the event of a serious incident of unprofessional behaviour and without warning. The PIR will be sent to the Professional Values and Behaviours Administrator and then will be forwarded to the student, requesting a written response to the incident. PIRs are recorded in the student's Professional Values and Behaviours and Registry files and in the student may be invited to a Progress Meeting (PM) to discuss the issues further, provide support and decide on plan. an action

Students with no PIR will automatically pass this component of the Professional Behaviour Element, whilst students who acquire one or more PIRs displaying repetitive unprofessional behaviour are



likely to fail this component.

Progress meetings are designed to provide support to the student when an issue arise under the Professional Values and Behaviours domain. Students who have issues around attendance and professional behaviour are invited to a PM to discuss these further and proper guidance is given. These are not disciplinary meetings, however are noted under Professional Behaviour element as it involves students who exhibit problematic behaviour in the Professional Values and Behaviours domain.

P2: Absence of Professional Values and Behaviours Warning Letters

Warning Letters (WL) are official documents issued by the Professional Values and Behaviours Domain Lead and kept in the student's Professional Values and Behaviours and Registry files. A WL may be issued at any time during the academic year, where a student is reported for unprofessional behaviour or poor attendance due to unauthorised absences. The WL may lead to an invitation to a Student Progress Meeting (PM), where the student will be provided with support and guided to develop an action plan. Based on the seriousness of the concerns raised and if a student does not comply with the agreed action plan and/or does not demonstrate satisfactory improvement following the first WL, their case may be escalated to a Level 2 WL, a Level 3 WL and /or to a Fitness to Practice (FTP) procedure.

Level of WL:

1. Level 1 WL (green) - Personal Tutor and Year Lead are informed to provide support and agree to an action plan where necessary.

2. Level 2 WL (yellow) - depending on the seriousness of the incident or in case of repetitive unprofessional behaviour, the student case may be referred to the Student Review Committee (SRC) for discussion. The SRC will monitor the student's progress, and will identify and implement additional support, accordingly.

3. Level 3 WL (pink) - depending on the seriousness of the case the student may be referred to the informal stage of the FTP procedure. If the student is not already monitored under SRC their case will also be automatically referred for monitoring and support.

Students can only **receive a Level 1 WL twice during their five years of studies at the Medical School**. In the event that concerns are raised for a third time, or in two consecutive years, the student will be automatically issued with a Level 2 or Level 3 WL.

Students can only receive a Level 2 or Level 3 WL once during their five years of studies at the Medical School.

Serious unprofessional behaviour may warrant the automatic issue of a Level 2 or Level 3 WL.



Any student who has been issued with a WL will be discussed at the end of year Professional Values and Behaviours Grading Committee meeting, on a case by case basis, where the grade for the Professional Behaviour element and the overall Professional Values and Behaviours grade will be agreed. Possible outcomes may include a Pass with sanctions and/or undertakings and/or implementation of additional support (e.g. mentoring), or, depending on the seriousness of the concerns, failing the Professional Values and Behaviours Domain and consequently the year.

P3. Timely submission of clinical placement portfolio for each course/clinical rotation

- Students must complete a number of clinical placement forms during their attachments/rotations.
- All clinical placement forms and logbooks should be submitted via MyProgress Health by the deadlines provided.
- A list of the forms as part of the clinical rotations can be found on Moodle. Students are advised to check the deadlines and complete the checklist when submitting the different forms.
- Students must submit the Learning Outcomes Record (LOR) in timely manner along with each attachment assessment forms.
- Students should use a logbook to record activities and attendance (see Appendix IV)
- Students must request from the supervising clinical tutor to sign their logbooks at the end of each session / day and obtain a signature at the end of each week by the clinical lead.
- Late or incomplete submissions will be recorded under the 'Professional Behaviour' element.
- If you are having difficulties meeting a deadline please contact your clinical site administrator who will try to help you. Students who repeatedly submit assessments late and without explanation will be marked down for unprofessional behaviour. The pattern will be discussed at the Professional Values and Behaviours Grading Committee and recurrent lateness without explanation may result in a grade of 'Fail' for professional behaviour component, which in turn can result in a grade of 'Fail' for the whole year. If you are having trouble meeting a deadline and contact us we can work with you to ensure you meet the deadline or set a new agreed deadline.

P4: End of course feedback for all courses/clinical rotations

Students need to complete the online feedback survey for each of the clinical rotations in Semesters 7 and 8. They should take a screenshot of the last page of the survey and submit it via MyProgress



Health upon each clinical attachment's deadline. The competition of the survey, which is anonymous, is a requirement that contributes to continuous improvement, the results of which are shared within the Medical School.

P5-P11. Professionalism Grade for all courses/clinical rotations

- During the Penultimate Year students have to complete eight courses/clinical rotations.
- The Clinical Lead of each course/clinical rotation will provide the Professionalism Grade for each attachment by completing the CLINICAL PLACEMENT & PROFESSIONALISM CERTIFICATE (CPPC). Each clinical attachment requires completion of a separate CPPC.
- The Clinical Lead will be consulting with other clinicians/medical professionals that have observed your work during the attachment when completing the CPPC.
- The Professionalism Grade is either Pass or Fail.

7.4.3. The Professional Behaviour Element Grade

To achieve a Pass a student needs to pass all components P1-P11. Students exhibiting unprofessional behaviours (e.g. a Fail in any of the components P1-P7), will be discussed at the Professional Values and Behaviours Grading Committee (GC) meeting at the end of the year that is responsible for awarding the overall grade for the Professional Element. In cases where unprofessional behaviour occurs, a number of actions may be taken, including, for example, the appointment of a mentor, assignment of a reflective piece, issuing of a Warning Letter, monitoring under the Student Review Committee, or referral to the Fitness to Study or Practice procedure.

7.5 The Clinical Placement Portfolio Element

The Clinical Practice Portfolio Element will assess the student's performance in a clinical environment that will come out of the interaction with patients and the clinical team. Clerking of patients, performing every day clinical procedures and participating in other attachment specific activities will be some of the tasks the students will be assessed each day.

7.5.1 Definition of a Workplace Based Assessment (WPBA)

The General Medical Council defines a workplace-based assessment as:

The assessment of competence based on what a learner actually does in the workplace. The main aim of WPBA is to aid learning by providing constructive feedback. The assessments help to chart the learner's progress during a placement. WPBA is learner-led; the learner choosing the method, timing,



activity and assessor under the guidance of the tutor. (GMC Supplementary guidance April 2010. Workplace Based Assessment: A guide for implementation)

Workplace Based Assessments (WPBA) act as formal assessments of clinical competencies, test what students will be expected to do in their future work and have a significant educational impact.

However, variation in the complexity of the clinical cases and variability within and between assessors may constitute WPBAs a less reliable form of assessment, therefore although completion of WPBAs is compulsory, the content is used primarily for feedback and students' learning. As students' progress through the programme, safe, correct, and successful completion of all procedures is expected.

WPBAs are separated into two types:

- Attachment specific WPBAs: assessments that must be completed within a specific attachment.
- Floating WPBAs: assessments that must be completed by the end of Year 4 during any clinical placement.

7.5.2 Attachment Specific WPBAs

During clinical attachments in the Penultimate Year, students are required to complete a number of Attachment Specific WPBAs. WPBAs may take place on ward rounds, general practice, during clinical teaching, in out-patients and during on-call. Performance of assessments can take place in 'public', i.e. in front of other students or staff, but feedback should be individual and confidential.

Attachment Specific WPBAs are linked to a particular attachment and students will need to complete these during the specific attachment to contribute to their overall sign-off. There is no upper limit on the number of CBDs, Mini-CEXs and ECSAs that a student may perform in any one attachment, however there is a required minimum number that needs to be completed for each attachment.

Attachment specific WPBAs should be completed within the dates of the relevant courses. Students should attempt WPBAs early in an attachment in order to gain feedback to improve skills. Regularly paced assessments will allow students to make steady progress, developing skills according to feedback. Students who leave their assessments to the end of the course may run out of time and fail to complete the minimum requirements.

7.5.2.1 Mini-CEX

A Mini Clinical Evaluation Exercise (Mini-CEX) involves taking a history or performing an examination on a patient in front of an approved assessor who observes the student's performance. The approved assessor (clinician, nurse, or other qualified professional) provides



feedback to the student about areas of strength and areas that need to be improved. The assessment may be in public, but oral feedback should be confidential and individual, with written feedback on the Mini-CEX Form.

For Mini-CEX the observation and feedback should be provided by clinicians in the discipline to which the student is attached i.e., clinician, nurse or another qualified professional.

It is anticipated that Mini-CEX assessments should take around 15-20 minutes. Feedback should take about 5 minutes.

The Mini-CEX Form can be found in **MyProgress Health**.

7.5.2.2. CBD

A Case Based Discussion (CBD) is a structured discussion of a case that a student has clerked. It offers the opportunity for assessment and feedback on how a student gathers and uses relevant data, how they use prior knowledge and apply diagnostic and therapeutic reasoning in their clinical management of the case.

The discussion with the approved assessor (clinician, nurse, or other qualified professional) should last around 20 minutes with five minutes for feedback. Not all aspects of the case need be discussed – assessors could focus on particularly interesting aspects of the case e.g., therapeutics, or areas which the student feels they need to develop. The discussion may be public, but verbal feedback should be confidential and given individually, with additional written feedback on the CBD form.

In CBD the observation and feedback should be provided by clinicians in the discipline to which the student is attached i.e., clinician, nurse or another qualified professional.

The CBD form can be found in **MyProgress Health**.

7.5.2.3 Essential Clinical Skills Assessment (ECSA)

An ECSA requires a <u>clinical or prescribing skill</u> to be demonstrated in the context of a clinical case. All essential clinical procedures listed in Table 3 are compulsory and have to be completed by the end of the Penultimate Year.

Even though some of these are attachment specific, you will be expected to complete some as part of your Floating WPBAs. Appropriate assessors are usually clinical trainees or specialist clinicians. The ECSA form can be found in **MyProgress Health**.



Table 3: A list of ECSAs

ECSAs (Floating and Attachment specific)		Optional or compulsory	Assessor Level
Rectal examination (Floating)	Correct, safe &	All	ST1/CT1 or
	successfully completed	Compulsory	equivalent and
Prescribing iv fluids (Floating)	Meets expectations		above
Bimanual vaginal &/or Cusco's speculum	Correct, safe &		
examination	successfully completed		
(Obstetrics and Gynaecology)			
Antenatal examination (Obstetrics and	Correct, safe &		ST1/CT1 or
Gynaecology)	successfully completed		equivalent and
			above midwife
Glasgow coma score (Neurology, Neurosurgery	Correct, safe &		ST1/CT1 or
and Palliative Care)	successfully completed		equivalent and
			above
Mini mental state examination (Neurology,	Correct, safe &		F1 or equivalent
Neurosurgery and Palliative Care)	successfully completed		and above
Drug Initiation (Cardiology and Respiratory)	Correct, safe &		F1 or equivalent
	successfully completed		and above
Wells' score calculation (Cardiology and	Correct, safe &		F1 or equivalent
Respiratory)	successfully completed		and above
Interpreting an ECG - Cardiology and Respiratory	Indirect Supervision]	ST1/CT1 or
			equivalent and
			above

Prescribing assessments

In the Penultimate Year you need to complete two prescribing tasks that you will be performing as Junior Doctor or Trainee. Both assessments are in the form of an ECSA – one attached to Cardiology and Respiratory (Drug Initiation), and one floating (Prescribing IV Fluids). Please see <u>Appendix II</u> for specific information and guidance on prescribing tasks.

7.5.3 Performing Attachment Specific WPBAs (Mini-CEX, CBD and ECSA)

- Students should only perform practical procedures under the supervision of an approved assessor. Non-medically qualified clinical professionals may supervise if they perform the procedure in routine clinical practice. Such teachers and assessors will normally be clinicians, nurses and other qualified professionals. Please remember that global competence in performing any clinical procedure can only be achieved through repeated attempts under supervision.
- The student's competency when attempting a practical procedure in the Penultimate Year does not directly contribute towards the grade for this element for the domain. The Clinical Lead however will take into consideration the competency of the student when completing



the CPPC form and will provide appropriate feedback and an overall grade for the Clinical Practice Portfolio element. Additionally, attempting the minimum number of procedures does count towards the element grade.

 Students must be aware that completing a procedure once, on one patient, does not mean that the student is globally competent and that there is no need for the procedure to be repeated or no need for future supervision. Students need to practise each procedure many times, in a variety of situations, and on a variety of patients before they are globally competent. So, even if a student meets the requirements for completion of WPBAs, they will need to continue practising and gain more experience of these as they move on through the programme.

7.5.4 Floating WPBAs

Floating WPBAs are not attachment specific and maybe performed during any clinical attachment. These procedures include DOPS.

DOPS

A Direct Observation of Procedural Skills (DOPS) requires students to perform a practical procedure on a patient, under the supervision of an approved assessor. In the Penultimate Year, experience of practical procedures should normally be gained in a hospital setting. As students' progress through the programme, the opportunity to complete DOPS may be more readily available in other clinical settings.

The approved assessor should be someone who performs the procedure on a regular basis, as part of their clinical role (clinician, nurse, or another qualified professional). They will supervise the procedure to ensure patient safety and give the student focused feedback.

Students must know the process of the procedure before starting the procedure on a patient, and must obtain informed consent from the patient, introducing themselves as a medical student. They should aim to achieve the required level of competence which is safe to practice either 'in Indirect Supervision' (IS) or 'in Direct Supervision' (DS) when performing a procedure in the Penultimate Year. See below details on the new GMC levels.

Students are reminded that they should complete all 9 DOPS by the end of the Penultimate Year.

The DOPS Forms can be found in **MyProgress Health**.

GMC Practical Procedures for Newly qualified Doctors and WPBA



The GMC have produced relevant guidance (2018) on the practical skills and procedures that newly qualified doctors are expected to be able to perform. Therefore, the DOPs have been designed accordingly.

These skills need to be demonstrated at the level required by the GMC. The GMC defines three levels of supervision relating to safe performance of procedures. These are: safe to practice under indirect supervision, safe to practice under direct supervision or safe to practice in simulation. Your list of DOPS are designed to ensure that you can meet these requirements by the time you graduate.

The GMC defines the new levels of competence as:

I. Safe to practice in simulation

As a newly qualified doctor you are safe to practice in a simulated setting and are ready to move to direct supervision. This means that you will not have performed the procedure on a real patient during medical school, but on a simulated patient or manikin. This means that you will have some knowledge and skill in the procedure but will require direct supervision when performing the procedure on patients.

II. Safe to practise under direct supervision

As a newly qualified doctor you are ready to perform the procedure on a patient under direct supervision. This means that you will have performed the procedure on real patients during medical school under direct supervision (you will have a supervisor with them observing their practice as they perform the procedure). As your experience and skill becomes sufficient to allow you to perform the procedure safely you will move to performing the procedure under indirect supervision.

III. Safe to practise under indirect supervision

As a newly qualified doctor you are ready to perform the procedure on a patient under indirect supervision. This means that you will have performed the procedure on real patients during medical school under direct supervision at first and, your experience and skill became sufficient to allow you to perform the procedure safely, with indirect supervision. By indirect supervision, we mean that you can access support to perform the procedure if you need to –for example by locating a colleague and asking for help.

The list of DOPS is designed to demonstrate that you can meet these requirements. You have to demonstrate successful completion of each floating DOP once during the year. This does not mean you should only do them once, but you only need to formally log their completion in MyProgress once in the year. You may be assessed more times if you wish and find this helpful for your learning.



When performing any clinical procedures or examinations involving patients you should aim to be

I. safe,

- II. procedurally correct
- III. and successful.

However, the most important aspect is safety and sometimes you may be safe but unsuccessful. The patient must be informed that you are not medically qualified and informed consent must be obtained before you attempt to perform a procedure.

DOPS Indirect Supervision	Standard	Optional or	Assessor Level
		compulsory	
Carry out peak expiratory flow respiratory function test	IS	Compulsory all 5 required	Any competent
Instruct patients in the use of devices for inhaled medication	IS		Any inc pharmacist
Perform direct ophthalmoscopy	IS		ST1/CT1 or equivalent and above
Perform otoscopy	IS		ST1/CT1 or equivalent and above
Prescribe and administer oxygen	IS		ST1/CT1 or equivalent and above
DOPS – Direct Supervision		Optional or	Assessor Level
		compulsory	
Carry out arterial blood gas and acid base sampling	DS	10/12 required	F1/F2, ST1/CT1 or
from the radial artery in adults			equivalent and nurse
Take blood cultures	DS		
Carry out venepuncture	DS		
Carry out intravenous cannulation	DS		
Set up an infusion	DS		
Prepare and administer injectable intramuscular	DS	-	
Prepare and administer injectable subcutaneous drugs	DS		
Prepare and administer injectable intravenous	DS	-	
Carry out male urinary catheterisation	DS	1	
Carry out female urinary catheterisation	DS	1	
Perform surgical scrubbing up	DS		ST1 or equivalent
			and above
Diagnosis of Death	DS		F1/F2, ST1/CT1 or equivalent and nurse
	1	1	

! Please ensure that all WPBA forms are completed during and /or at the end of each assessment

and not retrospectively to ensure accuracy and sufficient specific feedback. It is not appropriate to



fill in the WPBA forms at a later date as they form a formal assessment and are of high complexity, thus providing a prompt to the assessor when grading the student and providing constructive feedback.

Approved Assessors: Students must only approach approved assessors for their WPBA. A list of approved assessors will be available on Moodle. In the event that a clinician who is not included in the assessors list sign any of the forms, the students must have their forms co-sign by the clinical lead also.

7.5.5 Learning Outcomes Record (LOR)

The Learning Outcomes Record (LOR) has been developed to help students reflect on the clinical material they have seen, which will assist them in guiding their learning. It is recognised that reflective practice form is an important part of postgraduate medical training and is a skill that requires practice to be effective. It is therefore important for students to learn how to embed this in their day-to-day practice because when they qualify they will have to do this as part of their lifelong learning.

For each attachment, this will provide a log and record of your learning combined with reflection to help you progress in your learning and development. You need to complete this for each attachment and make it available to discuss with your supervisor at sign off. The LOR form will need to be submitted at the end of each attachment along with the WPBAs Forms. This is an important part of your professional responsibility and development.

- Prior to submitting the reflective reports, it is recommended that students revise the skills required for reflective writing (http://www.aomrc.org.uk/wpcontent/uploads/2018/08/Reflective_Practice_Toolkit_AoMR C_CoPMED_0818.pdf).
- Students are encouraged to write in the first person and material should be presented in an organised way.
- In keeping with ethical and professional practice, all descriptions should be anonymised, i.e. no patients or staff should be identifiable from the work written in the portfolio.
- There is no definitive way in which students are expected to write about their experiences under the headings below but the following guidance may be useful: Consider how you personally dealt with the issues that arose and how your thoughts about your response have developed since the experience.



7.5.6 Patient Safety and Informed Consent

Students should always obtain informed consent from the patient to perform a procedure and must always be supervised. They should explain to the patient that they are a student and not medically qualified.

When performing any form of clinical procedures or examinations involving patients' students should aim to be safe, procedurally correct and successful.

7.5.7 Patient Confidentiality

Confidentiality issues can arise when dealing with patients directly. As per the GMC guidance document titled 'Confidentiality: good practice in handling patient information' (GMC website):

"You must make sure any personal information about patients that you hold or control is effectively protected at all times against improper access, disclosure or loss. You should not leave patients' records, or other notes you make about patients, either on paper or on screen, unattended. You should not share passwords.

You should not share personal information about patients where you can be overheard, for example in a public place or in an internet chat forum. While there are some practice environments in which it may be difficult to avoid conversations with (or about) patients being overheard by others, you should try to minimise breaches of confidentiality and privacy as far as it is possible to do so."

Therefore, you must safeguard patient's medical data from improper disclosure.

7.5.8 Attachment sign off process

- Students should contact their 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 their attachment. It may take around 15-20 minutes so please bear that in mind when arranging a suitable time slot. Students should check in advance if the Clinical Lead will be absent at any time towards the end of the attachment.
- Students need to complete all required assessments by the end of the attachment using the MyProgress Health app on your mobile device. The CLINICAL PLACEMENT & PROFESSIONALISM CERTIFICATE (CPPC) certificate must be completed on your device by the relevant tutor/lead clinician no later than one week after the completion of the attachment.
- You must ensure that your tutor will be able to access all the WPBAs you completed on your device. It is extremely important that forms are completed when the assessor is present and are only submitted once they have agreed the content and grades.



4. You should use the Learning Outcomes Record (LOR) to record your activities and Weekly Attendance Logbooks.

Below are some useful resources on reflection in the preparation of the LOR: <u>https://medicinehealth.leeds.ac.uk/medicine-cpd/doc/lite-bites-free-e-learning-courses</u> <u>https://students.unimelb.edu.au/academic-skills/resources/developing-an-academic-writing-</u> <u>style/reflective-writing</u>

https://www.anu.edu.au/students/academic-skills/writing-assessment/reflective-writing

- 5. The sign-off should be carried out face-to-face to give students an opportunity to discuss feedback on both their performance and on the clinical placement. Occasionally this may not be possible therefore the clinical lead may complete the CPPC at a later date upon review of all documentation without the student being present but within the one-week post attachment deadline.
- 6. It is the student's responsibility to ensure that their CPPC certificate and all WPBA forms are properly completed prior to their submission.
- 7. Students will also need to ensure that they have completed the online feedback survey and submit evidence of this via email to the PVB administrator upon the submission deadline for each attachment. This is a requirement, which contributes to continuous improvement. Results from such surveys are shared with other colleagues at the medical school.

Note: Students must check that all required WPBAs have been completed by the end of the attachment. In the event that a student has not fulfilled all requirements of the attachment they will have additional <u>three days</u> for resubmission of pending forms. This does not apply to students who will require to attend remediation for a rotation.

7.5.9 The structure of the Clinical Practice Portfolio Element

The Clinical Practice Portfolio (CPP) Element aims to assess the knowledge and skills required for clinical practice. On completion of each clinical placement students will receive a Clinical Practice grade given by the attachment lead or supervising tutor who will evaluate their clinical knowledge demonstrated during the placement. The grade is also determined by the completion of required Workplace Based Assessments (WPBAs).

! All forms must be submitted completed correctly via MyProgress Health, within one week of completing the attachment (by 17:00pm on a Friday).

Table 5 below shows a list of all CBDs, Mini-CEXs, DOPs and ECSAs to be completed in the PenultimateYear of the GEMD programme.



17 x Case Based Discussions (CBDs)	Requirements
GEMD-401 Clinical Specialties: Gastroenterology, Endocrinology	2
GEMD-401 Clinical Specialties: Nephrology, Urology	2
GEMD-401 Clinical Specialties: Cardiology, Respiratory	2
GEMD-401 Clinical Specialties: Rheumatology, Orthopaedics, Dermatology	2
GEMD-401 Clinical Specialties: Paediatrics	2
GEMD-401 Clinical Specialties: Obstetrics & Gynaecology	2
GEMD-401 Clinical Specialties: Psychiatry	2
GEMD-401 Clinical Specialties: Neurology (Neurology, Neurosurgery & Palliative Care), ENT, Ophthalmology	3
19 x Mini Clinical Evaluation Exercises (Mini-CEXs)	Requirements
GEMD-401 Clinical Specialties: Gastroenterology, Endocrinology	2
GEMD-401 Clinical Specialties: Nephrology, Urology	2
GEMD-401 Clinical Specialties: Cardiology, Respiratory	2
GEMD-401 Clinical Specialties: Rheumatology, Orthopaedics, Dermatology	3
GEMD-401 Clinical Specialties: Paediatrics	2
GEMD-401 Clinical Specialties: Obstetrics & Gynaecology	2
GEMD-401 Clinical Specialties: Psychiatry	2
GEMD-401 Clinical Specialties: Neurology (Neurology, Neurosurgery &	4
Palliative Care), ENT, Ophthalmology	
15 x Direct Observation of Procedural Skills (DOPs)	Requirements
To complete all 5 IS DOPs and 10/12 DS DOPs	
9 x Essential Clinical Skills Assessments (ECSAs)	Requirements
Floating Essential Clinical Skills Assessments (ECSAs)	
1. Prescribing IV fluids	
2. Rectal examination	
Attachment Specific Essential Clinical Skills Assessments (ECSAs)	
1. Wells' score calculation- Cardiology and Respiratory	
2. Drug Initiation- Cardiology and Respiratory	Please note that you
3. Interpreting an ECG - Cardiology and Respiratory	have to complete <u>ALL</u>
4. Glasgow Coma Score- Neurology, Neurosurgery and Palliative care	9 ECSAs.
5. Mini mental state examination- Neurology, Neurosurgery and Palliative	
care	
6. Bimanual Vaginal and/or Cusco's speculum examination (1 assessment, 2	
parts required for completion) - Obstetrics and Gynaecology	
7. Antenatal examination- Obstetrics and Gynaecology	



Table 6: Clinical Practice Portfolio Element components

Element		Component	Algorithm for Attendance Element	Possible Grades (Pass=P) (Fail=F)
Clinical Practice Portfolio	Completion of the following Attachment Specific requirements (WPBAs) by valid assessors	 C1. GEMD-401 Clinical Specialties: Gastroenterology, Endocrinology: 1 CPPC, 2 Mini-CEXs, 2 CBDs C2. GEMD-401 Clinical Specialties: Nephrology, Urology 1 CPPC, 2 Mini-CEXs 2 CBDs C3. GEMD-401 Clinical Specialties: Cardiology, Respiratory: 1 CPPC, 2 Mini-CEXs, 2 CBDs, 2 ECSAs: 1. Drug initiation, 2. Well's score calculation & 3. Interpreting an ECG C4. GEMD-401 Clinical Specialties: Rheumatology, Orthopaedics, Dermatology: 1 CPPC, 3 Mini-CEXs (1 of each specialty), 2 CBDs C5. GEMD-401 Clinical Specialties: Paediatrics: 1 CPPC, 2 Mini-CEXs, 2 CBDs C6. GEMD-401 Clinical Specialties: Obstetrics & Gynaecology: 1 CPPC, 2 Mini-CEXs, 2 CBDs, 2 ECSAs: 1. Bimanual vaginal examination &/or Cuscoe's speculum and 2. Antenatal examination C7. GEMD-401 Clinical Specialties: Psychiatry 1 CPPC, 2 Mini-CEXs, 2 CBDs, 1 long case, 4 minimum CPBL Tutorials C8. GEMD-401 Clinical Specialties: Neurology (Neurology, Neurosurgery & Palliative Care), ENT, Ophthalmology 1 CPPC, 4 Mini-CEXs (1 of each specialty), 3 CBDs, 2 ECSAs: 1. Glasgow Coma Score and 2. Mini mental examination 	To achieve a Pass a student needs to pass all components C1-C10. A Fail in any of the components C1-C10 after remediation will be reviewed by the PVB Grading Committee which is responsible for giving the overall grade for the Clinical Practice Portfolio Element.	P/F
	Floating WPBAs (Prescribing ECSAs & DOPs)	C9. Floating WPBAs (DOPS & ECSAs): Completion of 5 IS DOPs + 10/12 DOPS and 2 ECSAs to achieve a 'Pass' mark in courses/ clinical attachments		
	Completion of LOR	C10. All attachments		

C1-C8. Clinical Practice Grades for courses/ clinical rotations MED-501-MED-509 (Semesters 9 and 10), C9. Completion of Floating WPBAs and C10. Completion of LOR

- The clinical tutor will provide a Clinical Practice Grade (C1-C8) for each of the nine rotations or clinical placements / attachments by completing the CLINICAL PLACEMENT & PROFESSIONALISM CERTIFICATE (CPPC). The Clinical Practice grade is either Pass or Fail.
- The Clinical Lead will be consulting with other clinicians/medical professionals that have observed your work during the attachment when completing the CPPC.
- In addition, the students will have to complete their Floating WPBAs (DOPs and ECSAs C9).
- And completion of the Learning Outcomes Record (LOR) for all attachments (C10).

7.5.10 The Clinical Practice Portfolio Element Grade

To achieve a Pass a student needs to pass all components C1-C11. A Fail in any of the components C1-C11 will be reviewed by the PVB GC which is responsible for giving the overall grade for the Clinical Practice Portfolio Element. In exceptional circumstances additional remediation will be arranged during resit period. Remediation needs to be completed by the end of the Penultimate Year. Following remediation, a new CPPC Form(s) needs to be completed by the supervising Clinician to provide the final grade(s) for the Attachment(s) and a new Logbook showing remediation dates will need to be included.

General Questions

Timing the assessments – when should WPBA be performed?

 Attachment specific WPBAs should be completed within the dates of the relevant clinical attachment. All floating WPBAs can be completed throughout the year, across all clinical placements. We would strongly suggest however, that you do not leave the completion of the Floating WPBAs for the last placement of the year but aim to complete them throughout all your placements, giving you ample time to get them completed satisfactorily.

How should feedback be given?

- Verbal and written feedback to individual students should normally be confidential and private. Assessors must fill in all narrative text boxes on the clinical attachment forms and WPBA (Mini-CEX, CBD and DOPS) assessment forms. Wherever possible, assessors should add additional comments into the free text/comments section on each form to provide detailed and student specific feedback. Written feedback should include positive comments on what the student has done well along with any comments citing areas for improvement. Oral feedback can also be provided and may be equally valid and helpful.
- If a student is marked with a "Fail" on the CPPC form for any of the elements, the assessor must give specific detailed written feedback explaining reasons for the grade. Feedback should be focused and specific. General comments such as 'clerk more patients', overgenerous, or personal rather than skill-focused are not constructive or useful. See the link below for details of how feedback should/should not be given and written tips for giving feedback.
- Forms will not be accepted without comments where a Fail grade has been given.
- Students should ask their assessors to provide feedback on all WPBA forms and the Clinical Attachment forms, especially if they receive a Fail.



Do I need to get informed consent from patients to undertake procedures?

- Yes, you must always obtain informed consent from the patient to perform a procedure. You
 should be supervised until you are told you may undertake the procedure alone. You should
 explain to the patient that you are a medical student and not yet qualified.
- If you witness an event during your education or clinical training that relates to the care
 provided to patients and any potential risk then you should report it via completing a Patient
 Safety Incident Form (can be found on Moodle). Students should feel comfortable reporting
 incidents, which will be handled confidentially and sensitively.

Am I ready to undertake a procedure?

• Your assessor should check whether you know how to undertake the procedure before starting on a real patient, and that you obtained informed consent from the patient. If you do not know how to undertake the procedure in detail, or the patient has not given their consent, then the assessor should not agree to supervise you or allow you to proceed.

7.8 Student Support

Any student given a grade which may threaten their overall end of year PVB grade are invited to explain the context for the grade, in a required **Professional Values and Behaviour Progress Meeting (PVB PM).** Progress Meetings may take place at any time during the year.

Progress meetings are short compulsory meetings, which are primarily held for student support and guidance. This can be in response to any perceived performance issues, or to address specific incidents that have been reported to Registry. During the progress meeting, students will have the opportunity to discuss any issues or concerns that they may have at this stage of their studies. Where required, the students will be provided with available means of support e.g. counseling. The PVB Progress Meeting involves a meeting between the student, the Year Lead, the PVB Lead and the PVB Administrator or Site Administrator.

7.9 Reporting unprofessional behaviour of medical school faculty, administrative staff or clinical staff

Students are reminded that they can provide feedback about any unprofessional behaviour of staff using an Educational Incident form (see <u>Appendix VI</u>). These can be dealt with anonymously or eponymously depending on the case and circumstances.

In addition, if students witness an event during education or clinical training that relates to the care provided to patients and any potential risk then they should report it via completing a Patient Safety



Incident Form (see <u>Appendix VII</u>). Students should feel comfortable reporting incidents, which will be handled confidentially and sensitively.



8. Personal Tutor Scheme: Student Guidelines

8.1 Personal Tutoring at the University of Nicosia

Every student at the University of Nicosia Medical School will be provided with a Personal Tutor (PT), responsible for monitoring the student's academic progress and offer advice on matters that may be affecting their studies. The PT acts as a referral point for academic or personal issues.

The University of Nicosia Medical School encourages all Tutors and Tutees to collaborate in forming a good working relationship in which students feel comfortable discussing academic or personal issues that may be affecting their work or progress. In some cases, the PT may be able to give advice; in other cases, they will advise the student where best to seek help, for example, from Registry, Occupational Health, Counselling Service etc.

If students are experiencing significant academic problems that affect their work across the programme, then the PT may be the best person to approach first, rather than a Course Lead. Examples would be:

- aPVBting to new environments
- feeling swamped by the volume of work
- general study skills problems or regular or prolonged absence from the programme.

In the case of personal issues that may hinder a student's performance, in class or on exams, it is highly advised that the student contacts their tutor as soon as possible. In these situations, Personal Tutors are encouraged to arrange a meeting with their tutees in a matter of days.

The Personal Tutor role involves taking part in a formal 1:1 meeting each academic year, with each student, in which the student's welfare is discussed and a proforma is completed. Outside of these meetings, it is up to the student (tutee) to determine the level of contact they require, bearing in mind that some students may need more support when experiencing challenges with aPVBting to the environment or the programme.

The principles of confidential support, to help with personal and academic development, apply. The same PT remains the student point of contact throughout the five years. **For the clinical years (Years 4-5) a 2nd PT will be appointed at the Clinical Site.** The student will retain both Personal Tutors until



graduation. An introduction between the two Personal Tutors will be made at the start of the clinical attachment, via email, when the student is initially appointed with a 2nd PT.

8.2 Specific responsibilities of the Personal Tutor

There is one compulsory PT meeting in the Penultimate and one compulsory PT meeting in the Final Year. It is the responsibility of the student to contact their PT and arrange these meetings. During these meetings, the PT must routinely check on the student's progress, academic performance, and any concerns or challenges they may be facing.

- Academic progress
- Discuss reflective writing pieces, part of the reflective portfolio.
- Financial situation
- Accommodation
- Support from their family
- Satisfaction with the University of Nicosia Medical School and with the GEMD programme in particular

The tutee may wish to initiate a discussion on any of the above (or any other topic of concern) or simply confirm that they are not currently experiencing any issues or challenges with any of the above topics.

The PT is required to complete, sign and submit the Personal Tutor Meeting form which will be sent to them by the student. The form is available on MyProgress Health. In addition, PTs are also required to ensure that their tutee has all their relevant contact details (email and office telephone number), in order to make an appointment with them. Tutees are to be notified of any changes that may occur to the PTs contact details throughout the 5 years of tutorship.

The PT will remind tutees of important health matters, such as:

- Registering with Student Health Services Department or being aware of local GP/Physician clinics
- Notifying the University of Nicosia Medical School of any disability that requires additional support or adjustment
- Having necessary vaccination/s
- Dealing with accidents like sharps injuries
- Ensuring the student knows how to access the Counselling Service



If you have any concerns about reporting any of the above, or other health-related matters, you should discuss them with your PT who will be able to provide sound guidance and support.

The PT may also provide guidance and support with projects, electives, or job applications and act as the tutee's referee. Tutees may ask the PT to act as their advocate, and act on their behalf, where appropriate.

Students must remember that the PT is not the appropriate person to report absences. The appropriate person (as appointed in the Programme Handbook) must be informed, if absent from a clinical placement due to illness or any other cause. In most cases, the student must inform the relevant Course Lead, Course Administrator, and Registry of any absence.

Confidentiality

Personal matters discussed are confidential and will not usually be disclosed to other people. However, occasionally it is in the student's interest to let the programme team know that the student is experiencing problems, to collate information, or for the PT to get advice from more experienced staff or the Counselling Service provider. In general, personal matters should not be revealed without the agreement of the student. In exceptional circumstances, the PT may have to breach confidentiality to protect either the student or others.

8.3 What is expected of the student in relation to the Personal Tutor?

- Keep appointments with the PT.
- Answer emails and letters from the PT as promptly as possible.
- Don't expect the PT to be available without an appointment they are busy and unlikely to have free time without forward planning.

• Ensure the PT has contact details, and keep in contact through email, face-to-face or telephone depending on the PT/Tutee agreed method.

- Address health needs:
 - Inform the Registrar (Hero Glykys-Philaniotis / glykys.h@unic.ac.cy) as early as possible if there is a health problem likely to affect academic performance. It shows the student has recognised the problem and is willing to get help if necessary. It means necessary support can be put in place, with less likelihood of a major impact on performance and / or future health.
 - Register with a local GP or be aware of local clinics and private hospitals.



- Inform other relevant staff members of health issues that may impact on aspects of the programme, including sitting examinations. It is the student's, not the PT's, responsibility to inform Registry or other members of staff.
 - Tell the PT when there is a personal problem likely to affect academic performance and discuss what help, may be useful. It shows the student has recognised the problem and is willing to get help if necessary.
 - Let the PT know in good time if you want him/her to give you a reference when applying for a job.

8.4 Limitations of the role of Personal Tutor

Your PT will be able to provide you with guidance and support relating to your studies, a sympathetic ear, general reassurance and common-sense advice. Most of the time, this is all that is needed. On the rare occasions when more serious problems arise, it is important that students act on the advice of the PT to seek more specialist support.

Even if your PT has formal counselling qualifications, they are required to abide by the Tutor-Tutee relationship and not develop a practitioner-client relationship, which may bring the roles into conflict. Students are reminded that if they feel they may have emotional or significant mental health problems it may be appropriate to contact a GP or the Primary Care Doctor if the student does not have a regular GP. The Primary Care Doctor will be able to provide medical guidance and source relevant medial support.

8.5 Recommended process for initial PT / Tutee meeting

- Students should send an initial email to the PT asking for a meeting. Students should check their timetable and provide the days and times that are free for a meeting.
- In certain cases, meetings with PT will be on-line, rather than face-to-face. Students should
 proceed to make initial contact with the PT via email and they may then agree how best to have
 their meeting
- Prior to the first meeting, students are expected to send the (empty) Personal Tutor Meeting form to their PT's email account by using the 'Email for later' option.



8.6 PT Meeting Form submission

Students are required to submit their PT Meeting Form through the electronic portfolio system, MyProgress Health by Friday 17th January 2025.

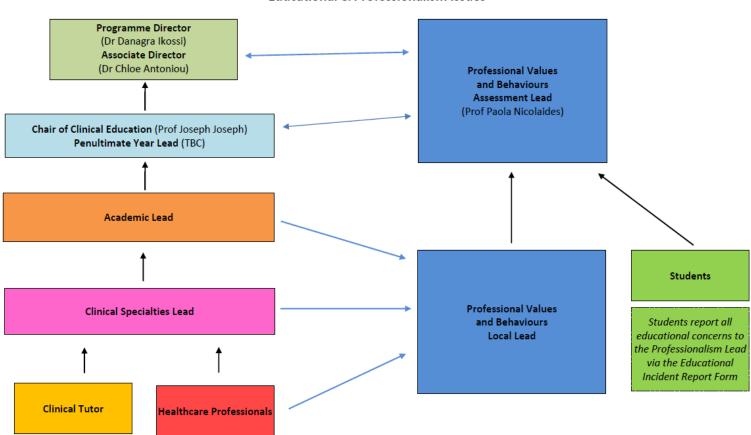
Please note that your PT is not obligated to include confidential information on the PT Meeting Form. Any confidential information shared during the meeting will remain strictly between you and your PT.

It is the students' responsibility to ensure that the required PT meeting form is completed, signed and submitted by the PT accordingly. Instructions on how to access and use the MyProgress Health app will be provided by the relevant administrator.

In case you encounter any issues with MyProgress Health or experience difficulties in communicating with your tutor, please contact your PT Administrator, Ms. Chrystalla Kapnisi (<u>kapnisi.c@unic.ac.cy</u>), to prevent any delays in your meeting and document submission.

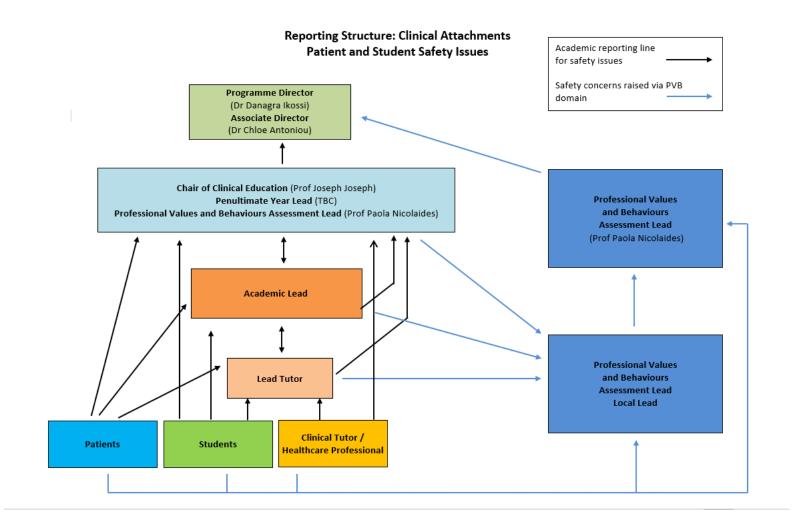


9. Reporting Structures











10. Appendices

Appendix I - Descriptors for AAP assessment of professional attitude and conduct

Professional domains	Acceptable	Cause for concern	Unacceptable
Honesty and integrity:	Always honest with patients, peers, staff and in professional work (presentations, documentation, communication)	One episode of dishonesty with patients, tutor, staff or professional work (presentations, documentation, communication)	More than one episode of dishonesty with patients, tutor, staff or professional work (presentations, documentation, communication)
Reliability and responsibility:	Reliable and conscientious. Punctual. Completes assigned tasks. Accepts responsibility for errors.	One episode of poor reliability or irresponsibility. Late on more than one occasion, fails to complete assigned tasks, one episode of avoiding responsibility for personal role in errors. Not conscientious on more than one occasion. Occasionally lets down peers in group work. Fails to complete assigned tasks.	Repeated evidence of poor reliability or irresponsibility. Repeatedly late, fails to complete assigned tasks. Avoids responsibility for personal role in errors. Not conscientious. Let's down peers in group work. Fails to complete assigned tasks.
Respect for patients:	Consistently demonstrates respect for patients' autonomy and dignity. Maintains confidentiality at all times. Maintains professional boundaries at all times. Always appropriately dressed for clinical setting.	Single demonstration of disrespect respect for patients' autonomy and dignity. Inappropriately dressed for clinical setting on more than one occasion. Maintains confidentiality at all times. Maintains professional boundaries at all times.	Repeated demonstration of disrespect respect for patients' autonomy and dignity. One episode of breaching patient confidentiality. One episode of having an inappropriate professional boundary with patient. Inappropriately dressed for clinical setting on more than one occasion.
Respect for others:	Shows respect for patient's relatives, other health care team professionals and members of staff.	Single episode of showing disrespect to any of patient's relatives, other health care team professionals and other members of staff.	Repeated pattern of showing disrespect to any of patient's relatives, other health care team professionals and members of staff.
Approach to learning:	Full participation in professional and interprofessional seminars and other learning opportunities.	Variable participation in small groups. Variable attitude towards learning opportunities – negative on occasion.	Poor participation and attitude to learning in seminars and other learning opportunities.
Compassion and empathy:	Listens attentively and responds humanely and empathetically to patients' and relatives' concerns.	Mostly listens attentively and responsively to patients and relatives. Tries to respond humanely and empathetically to their situation.	Regularly expresses little interest or empathy for the patient or his/her situation.
Communication and Collaboration:	Works co-operatively and communicates effectively with patients and health care team members.	Occasional lapse in ability to communicate well with peers and tutors, and or health care team members. Occasional lapses in reliable collaboration.	Pattern of poor communication to tutors, peers, clinical teams. Little effort to communicate well with teachers or teams. Can disrupt working groups effectiveness by lack of collaboration.
Self-awareness and knowledge of limits:	Recognises need for guidance and supervision, aware of appropriate professional boundaries. Personal beliefs do not prejudice approach to patients. Honest about errors.	Patchy insight into need for guidance and supervision. May take on more responsibility than is appropriate for stage of learning, or overly cautious. Personal beliefs may prejudice approach to patients.	Lack of insight into his or her level of competence. Doesn't recognise need for guidance and supervision where appropriate. Any breach of appropriate professional boundaries, or behaviour which suggests lack of awareness. Personal beliefs do prejudice approach to patients.
Altruism and advocacy:	Adheres to the best interests of patients, and advocates for them.	Occasionally fails to advocate for patients when needed. Occasionally shows little interest in the needs of patient compared with own needs.	Lack of insight regarding altruism or regularly puts interests of self above those of patient. Fails to advocate for patients when necessary.
Health:	Does not allow his/her own health or condition to put patients and others at risk.		Allows his or her health or condition to put patients and others at risk

APVBted from the American Academy of Paediatrics Professionalism Evaluation and Good Medical Practice GMC



Appendix II-Prescribing Assessments

Prescribing Intravenous Fluids ECSA

Student Instructions

Preparation

This assessment focuses on your proposed management of a patient requiring intravenous fluid therapy, including the prescription you write to translate this into practice. It will allow you to exercise your skills in clinical assessment, data interpretation, reasoning/decision-making, and prescribing. To do this task you need to look out for a situation in which a patient requires intravenous fluid therapy. This may be on the wards, in the emergency department, or in theatre. The CBD should be done at the time fluid therapy is required, or soon after. It should take you about 10 minutes to assess the patient and write a prescription, and 5-10 minutes to discuss it with your assessor.

Doing the task

- a) Having determined that a patient requires supplementary intravenous fluid, the questions you may ask yourself include: Which fluid preparation should I prescribe? How much? How quickly should it be given? Should potassium be added?
- b) To answer these questions, you need to decide *why* you are administering IV fluid. Is it (a) for intravascular volume expansion, or (b) for fluid and electrolyte provision? The approach you take will differ substantially according to this decision.
- c) Determining an appropriate strategy for *intravascular volume expansion* requires you to understand how various fluid preparations distribute between body compartments (e.g. intravascular; extracellular; intracellular). You will need to consider how best to administer the fluid in order to achieve optimal volume expansion, and how you will judge the success of this intervention.
- d) By contrast, if your aim is to *fluid and electrolyte provision*, you will need to have made an assessment of what they require. This can be divided into:
 - Maintenance requirement for water and electrolytes
 - Replacement of any additional ongoing losses (e.g. diarrhoea, stoma output)
 - Replacement of any existing deficits
- e) You will then determine which fluid preparation(s), and in what volume, will satisfy this requirement. You therefore need to know the composition of the fluid preparations available to you. If you can't remember this, a helpful summary table can be found in the BNF, or you can refer to the information printed on bags of fluid themselves.
- f) Writing the prescription You should write your prescription on the patient's prescription chart but DO NOT SIGN IT. It should be signed by the assessor (or crossed through, as appropriate).

Assessment

- You should choose an assessor who is medically-qualified and is at CT1/ST1 level or above (or equivalent at each international site; (list of qualified assessors can be found on Moodle).
- You will need up to 10 minutes for the discussion and assessment.



Prescribing Intravenous Fluids ECSA

Guidance for Assessors

Preparation

- This is a formative assessment. This means that the student has to complete the assessment to go on to do their finals. However, the grading and comments you give them are to help them improve their performance. It will not count to the final exam and even if they fail they don't need to do the assessment again. We hope you will be as honest as possible with your feedback. Student prescribing WILL be assessed before qualification with a formal prescribing exam that they have to pass.
- Assessors for this task should be medically-qualified at CT1/ST1 level or above (or equivalent at each international site; (list of qualified assessors can be found on Moodle).
- Please ensure that the student has selected an appropriate patient for this task, and that you will be onhand while the student is making their assessment and immediately thereafter
- The student should spend up to 10 minutes making their assessment and writing the prescription; they should be able to access relevant material e.g. British National Formulary, local guidelines, etc.
- They have been asked to write the prescription on a real inpatient chart but told NOT TO SIGN it. This is for the clinical team to do if the prescription is correct. It is entirely appropriate for this assessment to be conducted in the peri-operative setting, but please ensure that the student still writes a prescription for their proposed therapy on an inpatient chart.
- Once they have written the prescription you will need about 10 minutes for the assessment. Please discuss their assessment of the patient's fluid and electrolyte requirement; the selection of an appropriate fluid preparation, volume and rate of administration; and the accuracy and clarity of the prescription itself.

Assessment

The standard the student should be aiming for is that required to work as a new registrar (or equivalent at each international site; (list of qualified assessors can be found on Moodle). The relevance of each domain to this task is outlined below.

- a) **Clinical assessment** Clinical assessment of volume status and fluid and electrolyte requirement by reviewing, as applicable, the patient's history, examination, and clinical data (e.g. fluid balance chart, blood results).
- b) **Existing medication** Identification of any existing therapies that may have relevance to fluid management (e.g. diuretics, infusions, artificial nutrition)
- c) **Special circumstances** Identification of any special circumstances that may influence fluid management (e.g. fever, additional losses, electrolyte disturbance)
- d) **Clinical judgment** Integration of clinical assessment and data interpretation to arrive at an appropriate proposal for the patient's immediate fluid therapy (including choice of fluid preparation, volume, and rate of administration)
- e) **Documentation -** Is the prescription accurate? Please check the following:
 - That the drug name accords with its approved name (as listed in the BNF), and appropriately reflects the composition of the fluid (e.g. the term 'normal saline' should not be used to describe sodium chloride 0.9%)
 - The fluid volume, rate of infusion, and 'added drugs' are all clearly stated
 - The prescription is signed and dated
- f) **Future planning** Determination of an appropriate monitoring plan. For example, what monitoring parameters will they use, and how and when will they assess them?



Drug Initiation ECSA

Student Instructions

Preparation

The purpose of this task is to give you some supervised practice in the actual selection and prescription of a drug for a patient. This differs from planning management as it involves translation of a management plan into the selection of a specific drug and actually writing the drug onto the chart or outpatient prescription. To do this task you need to look out for an opportunity of initiating a drug e.g. on a ward round, on call or in general practice. The first time you do this you should take around 10-15 minutes to do the task and spend about 5-10 minutes discussing it with your assessor.

Doing the task

Use the British National Formulary, local guidelines or any other resources required to do this task.

Choosing the drug. You need to consider:

- a) **Efficacy** Is the drug you have chosen the right/best drug for the indication? How does it work? What do guidelines (e.g. grey book) say about which drug to use? Which members of a drug class are available locally?
- b) Safety Consider potential adverse drug reactions, contraindications/cautions, interactions, special circumstances that may affect prescribing (e.g. allergies, previous adverse effects of treatment, pregnancy/ breast feeding, renal/hepatic impairment). Check which of these are important for the drug you are starting and whether they apply to your patient.
- c) **Acceptability** Is the drug you have chosen acceptable to the patient (e.g. most patients prefer tablets to suppositories or painful injections)
- d) **Cost** where 2 drugs have similar properties, cost may be an important consideration.

Doing the prescribing. You should write the drug on the patient's inpatient chart or outpatient prescription but DO NOT SIGN the prescription. It should be signed by the assessor. When writing up the drug you need to decide:

- e) How will it be administered? dose, route, formulation, frequency, timing
- f) How will you monitor the patient for efficacy and side effects?
- g) How long should the patient stay on the drug for, have you planned a stop date?
- h) Also consider what information should you give to the patient about this new treatment?

Assessment

- You should choose an assessor who is medically-qualified and is at CT1/ST1 level or above (or equivalent at each international site; list of qualified assessors can be found on Moodle). You will need around 10 minutes for discussion and assessment
- You should spend about 7-8 minutes reviewing your choice of the drug and suitability for the individual patient
- You should spend 2-3 minutes reviewing your actual prescribing and use of the British National Formulary and guidelines



Drug Initiation ECSA

Guidance for Assessors

Preparation

- This is a formative assessment. This means that the student has to complete the assessment to go on to do their finals. However, the grading and comments you give them are to help them improve their performance. It will not count to the final exam and even if they fail they don't need to do the assessment again. We hope you will be as honest as possible with your feedback. Student prescribing WILL be assessed before qualification with a formal prescribing exam that they have to pass.
- Assessors for this task should be medically qualified at CT1/ST1 level or above (or equivalent at each international site; list of qualified assessors can be found on Moodle). The student should be asked to choose a drug and write a prescription for it in a real clinical situation e.g. initiating medication on the acute take, on an inpatient ward round or in general practice
- They should be given around 15 minutes to do this task and should be able to access relevant material e.g. British National Formulary, guidelines etc.
- They have been asked to write the prescription on a real inpatient chart or real outpatient prescription but told **NOT TO SIGN** the drug. This is for the clinical team to do if the prescription is correct
- Once they have written the prescription you will need about 10 minutes for the assessment. Please spend about 7-8 minutes reviewing the choice of the drug and suitability for the individual patient and 2-3 minutes reviewing the actual prescribing and use of the British National Formulary and guidelines
- You may wish to have a British National Formulary present during the discussion to check any prescribing points.

Assessment

The standard the student should be aiming for is that required for work as a new qualified doctor. The things that should be considered for each domain on the form are below:

- a) **Clinical assessment** Is the student clear about the indication for the drug and other treatment options for the patient's condition?
- b) **Existing medication** Has the student identified potential interactions of the new drug with existing medication?
- c) **Special circumstances** Have they appropriately identified any special circumstances that need to be considered when prescribing e.g. allergies, previous adverse effects of treatment, pregnancy/ breast feeding, renal/hepatic impairment?
- d) **Clinical judgment** Have they put all the indications/contraindications/special circumstances together and made a correct/reasonable drug selection
- e) **Documentation -** Is the prescription accurate? Please check the following:
- f) Is it dated?
- g) Is the drug name i) generic, ii) legible
- h) Is the dose chosen correct/reasonable? Are the units documented correctly e.g. 'micrograms' and 'units' should be written in full.
- i) Is the drug prescribed the correct number of times/day and at the right times?
- j) Has a correct/reasonable route of administration been chosen?
- k) Future planning Is there a clear and reasonable plan for monitoring including response to treatment, potential side effects/interaction and follow up? Is it clear how long the drug will continue for? Is there a planned stop date



Appendix III-Rules for Missing Time on Clinical Attachments in Clinical Practice Years (Year 3-5)

These rules apply to:

- Students who have serious mitigating circumstances (health or personal) which have necessitated absence from clinical rotations;
- Students who have failed any of the assessment requirements of a clinical rotation and need to make up time and/or undertake further clinical experience to reach an acceptable standard for the rotation;
- Students who have failed to achieve a Pass grade for the PVB domain ((i.e. they have not completed the minimum required WPBAs).

Process

The PVB Domain Lead in collaboration with the Year Lead and Clinical Leads will decide what needs to be repeated/completed. For all individual courses/clinical rotations, absence of 20% and more of the overall duration of the course/clinical rotation <u>will require</u> students to make up missed time at a later point in the year (where possible) or within the same clinical rotation if possible (specifically if the missed time is at the beginning of the clinical rotation). Absence up to 20% <u>require</u> remediation <u>in collaboration with the relevant Clinical Placement Lead.</u>

Principles

If the PVB Domain Lead and Clinical Lead decide that a student needs to make up missed time or spend additional time in a specialty, the following principles will apply:

- If the duration of time to be made up is equal or less than 4 weeks (in Year 4 & 5) it will be fitted within the current academic year prior to the start of the next academic year and prior to any Resit Exam within that year
- If the duration of time to be made up is more than 4 weeks (in Year 4 & 5) and there is no time for remediation, the student will need to interrupt their study (IoS) and repeat attachment in full the following year. Each case will be reviewed and agreed subject to the timing within the academic year.
- If the assessment requirements for courses/clinical rotations are not satisfactorily completed by the first 'sitting' of written examinations and OSCE examinations, the students in Year 4
- have the discretion to decide whether to take the examination or defer attempt until after the satisfactory completion at second 'sitting'. In Year 6, students who have failed to achieve a satisfactory completion of the assessment requirements for courses/clinical rotations will not be permitted entry to the first 'sitting' of the written examinations or OSCE.
- Students must fulfil courses/clinical rotations attendance requirements for each clinical practice year within the academic year. Attachments cannot be carried over into the next academic year
- Students who have not achieved a Pass grade for the PVB domain at the relevant year, are required to complete the missing practical procedures in accordance with the year PVB assessment requirements, before the Resit Exam Board, of the same academic year

Grading

For students who have serious mitigating circumstances (health or personal), which have necessitated absence from courses/clinical rotations, grades for the Attendance, Professional Behaviour and Clinical Practice Portfolio elements of the PVB domain will be assigned after the missing time from the attachment has been completed by the student. All grades (for relevant elements) will be available.

For students who have failed a course/clinical rotation and need to make up time to reach a Pass standard for the attachment, grades assigned at the end of the original rotation (for the Attendance, Professional Behaviour and Clinical Practice Portfolio elements of the PVB domain) will be used for domain assessment purpose



Appendix IV – Clinical Placement Logbook

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Clinical Placement:			
Week/Date	Morning	Afternoon	
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			

CLINICIAN'S NAME

Signature and stamp for Week ______ Date _____

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CPBL Tutorial Logbook

Student's Name:	

Attendance at CPBL tutorials is compulsory. Your Tutors will mark your attendance at CPBL tutorials in the CBPL Tutorials Attendance Register.

CPBL TUTORIALS ATTENDANCE REGISTER

CPBL INDICATIVE PROBLEMS	Tutor Signature and date
Deliberate Self-Harm	
Cognitive Impairment or Learning Disability	
Alcohol and Drug Misuse	
Detained Under Mental Health Act	
Cultural, Family or Social Issues	

TO BE HANDED IN AT THE END OF YOUR ATTACHMENT



GEMD Programme - Educational Incident Form

To: Prof Paola Nicolaides, PVB Domain Assessment Lead

Student Name

Date

An educational incident is an event in education or training that concerned you and potentially provides a learning opportunity. Should you need advice or guidance on completing this form, please contact Prof Paola Nicolaides Email:

<u>nicolaides.p@unic.ac.cy</u>. The form should be submitted via email or in an envelope addressed to Dr Nicolaides via Reception in Block A.

What happened? (please be as specific as possible)

How did it affect you?

How did it affect other parties e.g. students, patients, other staff?

How did it affect your educational or training experience?

Why do you think it happened?

How do you think similar events might be avoided in the future?

What would you like to happen as a result of completing this form?



GEMD Programme

Professional Incident Form - Professional Attitude and Conduct Incident Short Form

Student Name	
Year/Course/Group	
· · · ·	
Student email	
Student eman	
Nature of incident	
(coo AAD docorintors)	
(see AAP descriptors)	
Action taken	
Completed by:	Name:
	Signature:
	Email:
	Date:

Completed form should be submitted to PVB Administrator, Ms Chrystalla Kapnisi (<u>kapnisi.c@unic.ac.cy</u>).

