



Faculty of Medicine
Internal Medicine of Department



كلية الطب
قسم الأمراض الباطنة

MD OF NEPHROLOGY



LOG BOOK

طبقا للائحة النقاط المعتمدة

2022-2023



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Personal data of the trainee



Personal photo

Name.....

Date of birth.....

Address.....

Telephones..... Mobile phone(s).....

E mail.....

Date of MB Bch degree

Grade in the final year examination

Grade in the internal medicine

Master degree date and grade

Specialty

Date of acceptance for MD Degree.../.../...

NAME OF HOSPITAL	PERIOD OF WORK	HOSPITAL DIRECTOR SIGNATURE	STAMB



INTRODUCTION

The overall aim of this curriculum is to enable the trainee to acquire the skills and knowledge to provide a clinical and laboratory nephrology service .

On completion of the educational programmer the trainee will :

- Participate in Nephrology Outpatient Clinics
- Be responsible for the day to day management of ward inpatients
- Liaise with colleagues in Medicine and consult with other specialties
- Be exposed to all aspects of renal diseases, dialysis and transplantation.
- Present one audit a year and participate in departmental meetings
- The trainee should be guaranteed a minimum of four hours protected time per week to regularly attend the academic meetings within the department.
- An understanding of Nephrology laboratory practice .
- The diagnostic techniques required in the practice of Nephrology
- The communication skills required for the practice of clinical Nephrology. The acquisition of some management skills required in the running of the Nephrology laboratory .



Aim of the activities book

To provide one source of evidence for the assessment committee that you attained the desired level of competency required to gain the award.

In this book you will document all clinical, academic and other experiences and skills you attained during your training.

Sections of the book

For each module / course / rotation

The following sections will be recorded:-

A- Clinical case log

A list with all required cases in the concerned module is recorded together with the minimum number of cases that must get exposed to and level of participation that should be achieved for each type of cases. Also each case should be signed by the trainer.

The minimal rate of attendance is 80%

B- Procedures / operations log

A list for the required procedure, diagnostic – therapeutic operations and the level of desired performance that should be achieved at the end of the training, level of participation and date and signature of the supervisor.

The minimal rate of attendance is 80%



C- Rotation / attendance proof

1- Academic activities

All academic activities are documented e.g. lectures, journal clubs, workshops, conferences, services attended. This documentation should include the level of participation (attendance, preparation, presentation etc.

2- Academic achievements

All outcomes that achieved in the following fields are documented:-

- Audit participation
- Research "clinical trial" participation.
- Evidence- based medicine "generation of guidelines" protocols

3- Formative assessment log

This document all types of formative assessment attended e.g.:-

- Mini clinical examination
- Quiseses

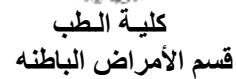
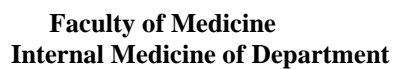


Medical statistics

Requirements

- Credit points: 1 credit point
- Minimal rate of attendance 80%

Name of the course	Credit points	Responsible department	Attendance	Practical	Percentage of Achieved points
Medical statistics	1 credit point	Pubic Health & Community Medicine			100%
	0.1		Introduction 1 hour	SPSS Introduction 2H	10%
	0.1		Tables and graphics 1 Hour	Data entry and cleaning of data 2H	10%
	0.1		Sampling 1 Hour	Transforming of variables 2H	10%
	0.1		Methodology of data collection 1 Hour	Descriptive statistics 2 H	10%
	0.1		Type of variables 1 Hour	Graphic presentation 2 H	10%
	0.1		Proportion test Chi-square test 1 Hour	Chi square and interpretation of results 2 H	10%
	0.1		Student T test Paired T test 1 Hour	Student, Paired and ANOVA tests 2H	10%
	0.1		ANOVA test 1 Hour	Correlation Regression 2 Hour	10%
	0.1		Non parametric tests 1 Hour	Multiple and logistic Regression 2 H	10%
	0.1		Discrimination analysis factor analysis 1 Hour	Non parametric tests 2 H	10%
			Revision 1 H	Revision 2H	
Student signature			Principle coordinator signature		Head of the department signature



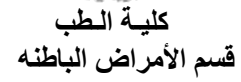
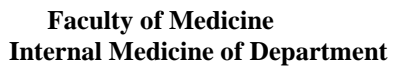


Research Methodology

Requirements

- Credit points: 1 credit point
- Minimal rate of attendance 80%

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Research Methodology	1 credit point	Pubic Health & Community Medicine		100%
	0.15		4 hours Introduction & proposal writing	15%
	0.15		4 hours Epidemiological study designs	15%
	0.15		4 hours Screening & theoretical background	15%
	0.24		6 hours Screening practical	24%
	0.15		4 hours Sample size calculation	15%
	0.08		2 hours Research bias	8%
	0.08		2 hours Ethics in research	8%
	-		2 hours Revision	-
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Lectures and tutorials

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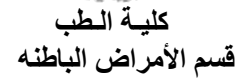


Course 3: Medico-legal Aspects and Ethics in Medical Practice and Scientific research

Requirements:

- Credit points: 1 credit point
- Minimal rate of attendance 80%

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Medicolegal Aspects and Ethics in Medical Practice and Scientific Research	1 credit point	Forensic Medicine and Clinical Toxicology	10 hours	100%
	0.2		2 hours Suspicious death. Death and death certificate.	20%
	0.2		2 hours Supportive measures	20%
	0.2		2 hours Toxicological reports	20%
	0.2		2 hours Ethics in research.	20%
	0.2		2 hours Medical ethics.	20%
Student signature			Principle coordinator signature	Head of the department signature

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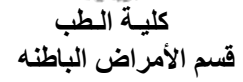
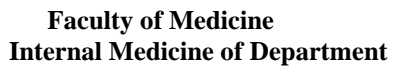


Course 4: Pathology

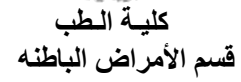
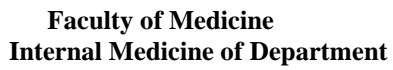
Requirements:

- Credit points: 3.5 credit point
- Minimal rate of attendance 80%

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Pathology	3.5	Pathology department	35 hours	100%
	1.5 CP		15 hours Primary Glomerulonephritis Secondary Glomerulonephritis	42.8%
	0.5 CP		5 hours Acute and chronic renal failure	14.3%
	1 CP		10 hours Tubulointerstitial diseases Cystic diseases Renal involvement in systemic diseases	28.6%
	0.5 CP		5 hours Ischemic heart disease Hypertension Vasculitis	14.3%
Student signature			Principle coordinator signature	Head of the department signature



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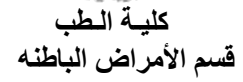
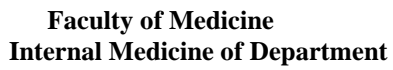


Course 5: Physiology

Requirements:

- Credit points: 3.5 credit point
- Attendance of at least 80%

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Physiology	3.5 credit point	Physiology department	Attendance of 35 hours	100%
	1		Kidney and urinary tract system (10hours): 1- The functional structure of the kidney and other urinary tract system. 2- The mechanism of urine formation. 3- The regulatory functions of the kidney. 4- Electrolytes disturbances. 5- Regulation of acid-base balance 6- Homeostasis	28.57%
	1		Cardiovascular system (by candidate): (5 hours) 1- The innervation of the heart 2- The regulation of the heart rate. 3- The cardiac output and its components. 4- The arterial blood pressure and its regulation. 5- The pulmonary and coronary circulations. 6- The ECG and its clinical significant.	28.57%
	0.5		Attendance of 5 hours Hormones of the kidney, importance and abnormalities	14.29%
	1		5 hours (active participation by candidate) Acid-base balance	28.57%
Student signature			Principle coordinator signature	Head of the department signature

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Year 1 training in Nephrology Unit

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Nephrology Unit	23	Internal medicine- Nephrology Unit	Year 1	Represent 18.6% of the whole training of specialized course during whole period And 100% of training this year
	8		<ul style="list-style-type: none">• Practice with clinical cases for at least 2 month in the department including interpretation of their related laboratory investigation and different radiologic patterns (in CXR and Abdominal CT)• Supervision on the residents for the newly admitted cases• Log of cases as mentioned below• Procedures log as mentioned below	34.8%



	4		Night shift (From 2 pm to 8 am) at least 1 night shift /week for 8 week in the department (including supervision on the residents for the newly admitted cases and critical cases) and/ or training in the dialysis unit	17.4%
	3		Attendance of one day/week in the Outpatient Nephrology clinic (4 hours/day) for at least 20 week with supervision of the resident doctors for the management of the cases	13%
	4		Attendance of 1day/week in the dialysis unit (at least 6 hours/day) for at least 20 weeks for training	17.4%
	4		Perform abdominal US, insertion of double way central cannula. Perform renal biopsy under supervision for at least 1 day per week (5 hours each day) for 24 weeks.	17.4%
Student signature			Principle coordinator Signature	Head of the department signature



SECOND PART: COURSE 6

NEPHROLOGY

Requirements:

- Credit points: 24 credit point for didactic (lectures, seminars, tutorial) during year 2 and year 3 (1.5 credit point out of these 24 for formative assessment - once /year or at least 2 exam during whole period)
- 123 credit point for training (23 credit point during year 1 and 100 credit point during year 2 and year 3) (6 credit point out of these 100 for formative mini clinical exam – at the end of any rotation (3ms) or at least 6 exam during whole period)
- Minimal rate of attendance 80% of didactic and training



This course consists of 3 modules:

Module 1: Clinical Nephrology 40%

Module 2: Dialysis 30%

Module 3: Renal Transplantation 30%

Units' Titles' list	% from total Marks	Level (Year)	Core Credit points		
			Didactic	Training	Total
1) Unit (Module) 1 Clinical nephrology	40%	1, 2, 3	9.6	49.2	58.8
2) Unit (Module) 2 Dialysis	30%	1, 2, 3	7.2	36.9	44.1
3) Unit (Module) 3 Renal transplantation	30%	2, 3	7.2	36.9	44.1
Total No. of Units (3 Modules):	100%		24	123	147



YEAR 2

Credit points: 12 points for didactic including formative assessment

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Nephrology	12	Internal medicine- Nephrology Unit	YEAR 2	50% of the didactics of all modules
	8		Topics and attendance 80 hour One lecture /week (Lectures Schedule as described below)	66.67%
	2.25		Seminars 2 hours- once / week for at least 6 month : • Attendance of at least 80% of the clinical seminars for Assistant lectures • Attendance of at least 70% of the clinical seminars for the external • Presentation of at least 1 time in the seminar	18.75%
	1		Conference or work shop	8.33%
	0.75		Formative assessment	6.25%
Student signature			Principle coordinator Signature	Head of the department signature



Lectures Schedule in Year 2

Name of the course	Credit points	Attendance	Percentage of Achieved points
Nephrology	8 CPS	Year 2	100%
Clinical Nephrology	4 CPS	Attendance of 40 hours	50%
	1	10 hours	
	Fluid and electrolyte disorders		
	1	10 hours	
	Primary and secondary glomerulonephritis and recent guidelines		
	0.5	5 hours	
	Updates in pregnancy and renal diseases Updates in diabetic nephropathy		
	1	10 hours	
	Chronic kidney diseases and recent guidelines in management of uremic syndromes		
	0.5	5 hours	
	Infectious diseases and the Kidney		
Dialysis	2	Attendance of 20 hours	25%



	1	10 hours	
	Hemodialysis and its complications		
	1	10 hours	
	Peritoneal Dialysis and its complications		
Renal Transplantation	2	Attendance of 20 hours	25%
	1	10 hours	
	Basic immunology and immunologic principles for transplantation		
	1	10 hours	
	Immunosuppressive medications in renal transplantation		
Student signature		Principle coordinator Signature	Head of the department signature



Year 2 Clinical training (50 credit points including mini exams)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
In Nephrology Unit	50	Internal medicine- Nephrology Unit	Year 2	100% this year Represent 40.7% of the whole training of specialized course
	16		<ul style="list-style-type: none"> •Practice with clinical cases for at least 4 month in the nephrology Unit including interpretation of their related laboratory investigation and different radiologic patterns •Supervision on the residents for the admitted cases •Log of cases as mentioned below •Procedures log as mentioned below 	32%
	10		Night shift (From 2 pm to 8 am) at least 1 night shift /week for 20 weeks in the dialysis unit or emergency department or in the ICU (including supervision on the residents for the newly admitted cases and critical cases in nephrology unit in the ward)	20%



	2		Attendance of one day /week in the Outpatient clinic (3 hours/day) for at least 16 weeks and perform abdominal US when needed.	4%
	6		<ul style="list-style-type: none"> Attendance of 12 weeks in renal transplant center including performance of the needed procedures for the assistant lecture or 9 weeks for the external 	12%
	8		<ul style="list-style-type: none"> Attendance and supervision of the resident doctors for at least 2 month in the internal medicine intensive care unit and internal medicine coronary care unit 	16%
	5		<ul style="list-style-type: none"> Clinical teaching for the students for at least 4 hours per week for 8 month for the assistant lectures. Attendance of at least one month in clinical rounds for the external. 	10%
	3		Mini clinical exam	6%
Student signature			Principle coordinator Signature	Head of the department signature



YEAR 3

(12 credit points for didactic including formative assessment)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Nephrology	12	Internal Medicine	YEAR 3	50% of the didactics of all modules
	8		Topics and attendance 80 hour One lecture /week (Lectures Schedule as described below)	66.67%
	2.25		Seminars 2 hours- once / week for at least 6 month : • Attendance of at least 80% of the clinical seminars for Assistant lectures • Attendance of at least 70% of the clinical seminars for the external • Presentation of at least 1 time in the seminar	18.75%
	1		Conference or work shop	8.33%
	0.75		Formative assessment	6.25%
Student signature			Principle coordinator Signature	Head of the department signature



Year 3 Lectures

Name of the course	Credit points	Attendance	Percentage of Achieved points
Nephrology	8	Year 3	100%
Clinical Nephrology	3	Attendance of 30 hours	37.5%
	1	10 hours	
	<ul style="list-style-type: none"> • Drug therapy in Kidney diseases • Acute kidney injury 		
	1	10 hours	
	<ul style="list-style-type: none"> • Tubulo-interstitial and vascular diseases of the kidney • Congenital and hereditary diseases of the kidney 		
	1	10 hours	
	<ul style="list-style-type: none"> • Geriatric Nephrology • Urologic disorders 		
	2	Attendance of 20 hours	25%
	1	10 hours	
	Plasma exchange; techniques, complications and indications		
	1		



	Vascular access for dialysis Dialytic therapy for drug overdose and poisoning		
Renal Transplantation	3	Attendance of 30 hours	37.5%
	1	10 hours	
	<ul style="list-style-type: none"> • Evaluation and preoperative management of kidney transplant recipient • Prophylaxis and treatment of kidney transplant rejection 		
	1	10 hours	
	<ul style="list-style-type: none"> • Medical management of kidney transplant recipient • Recurrent diseases in kidney transplant 		
	1	10 hours	
	<ul style="list-style-type: none"> • Chronic Allograft rejection • Outcomes of renal transplant 		
Student signature		Principle coordinator Signature	Head of the department signature



Year 3 clinical training (50 credit points in all modules including mini exams)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
In Nephrology Unit	50	Internal medicine- Nephrology Unit	Year 3	100% this year Represent 40.7% of the whole training of specialized course
	16		<ul style="list-style-type: none"> •Practice with clinical cases for at least 4 month in the nephrology Unit including interpretation of their related laboratory investigation and different radiologic patterns •Supervision on the residents for the admitted cases •Log of cases as mentioned below •Procedures log as mentioned below 	32%
	10		Night shift (From 2 pm to 8 am) at least 1 night shift /week for 20 weeks in the dialysis unit or emergency department or in the ICU (including supervision on the residents for the newly admitted cases and critical cases in nephrology unit in the ward)	20%



	2		Attendance of one day /week in the Outpatient clinic (3 hours/day) for at least 16 weeks and perform abdominal US when needed.	4%
	6		<ul style="list-style-type: none"> Attendance of 12 weeks in renal transplant center including performance of the needed procedures for the assistant lecture or 9 weeks for the external 	12%
	8		<ul style="list-style-type: none"> Attendance and supervision of the resident doctors for at least 2 month in the internal medicine intensive care unit and internal medicine coronary care unit 	16%
	5		<ul style="list-style-type: none"> Clinical teaching for the students for at least 4 hours per week for 8 month for the assistant lectures. Attendance of at least one month in clinical rounds for the external. 	10%
	3		Mini clinical exam	6%
Student signature			Principle coordinator Signature	Head of the department signature



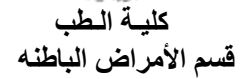
Clinical case log:

Clinical Nephrology	Number
Hyponatremia and hypernatremia	20
Hypokalemia and hyperkalemia	30
Acute renal failure	40
Complications of acute renal failure	40
Chronic renal failure	40
Complications of chronic renal failure	40
Primary nephrotic syndrome	20
Secondary nephrotic syndrome	10
Acute nephritis	15
Rapidly progressive glomerulonephritis	10
Diabetic nephropathy	20
Renal diseases in pregnancy	20
Urologic problems related to renal failure as nephrolithiasis, urinary tract obstruction	20
Renal problems in elderly	30
Tubulointerstitial and vascular diseases of the kidney	10



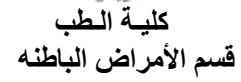
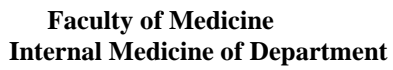
Dialysis	Number
Hemodialysis	100
Acute complications of hemodialysis	40
Chronic complications of hemodialysis	40
Peritoneal dialysis	15
Complications of peritoneal dialysis	5
Plasma exchange	10
Vascular access complications	10
Dialysis catheters	30

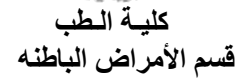
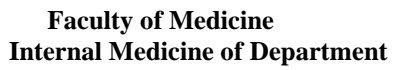
Renal transplantation	Number
Preparation of donor and recipient	5
Preoperative management of kidney transplant	5
Postoperative management of renal transplant	5
Follow up of patient with renal transplantation	5
Management of rejection	5

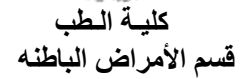


Clinical rotation

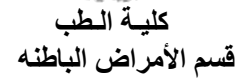
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C-Carryout under supervision



Clinical case Log

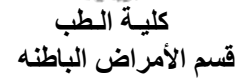
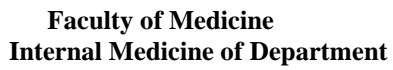
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* Level of participation

A- Plan and carry out

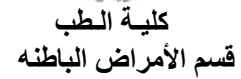
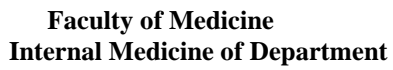
B- Carry out

C-Carryout under supervision

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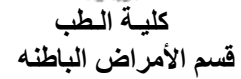
A- Plan and carry out
B- Carry out

C-Carryout under supervision

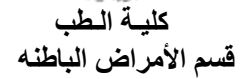
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A- Plan and carry out
B- Carry out

C-Carryout under supervision

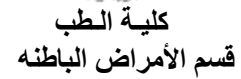
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C-Carryout under supervision

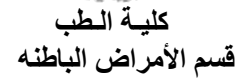
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A- Plan and carry out
B- Carry out

C-Carryout under supervision

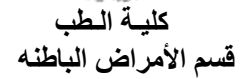
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C-Carryout under supervision

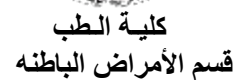
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A- Plan and carry out
B- Carry out

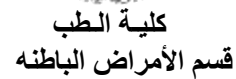
C-Carryout under supervision

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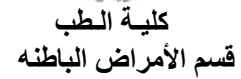
C-Carryout under supervision

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C-Carryout under supervision

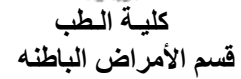
[illegible]

C-Carryout under supervision

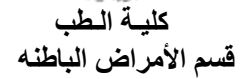
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A- Plan and carry out
B- Carry out

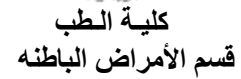
C-Carryout under supervision

[illegible]

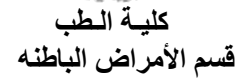
C-Carryout under supervision

[illegible]

C-Carryout under supervision

[illegible]

C-Carryout under supervision



Clinical case Log

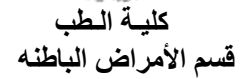
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* Level of participation

A- Plan and carry out

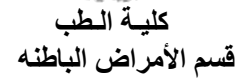
B- Carry out

C-Carryout under supervision

[illegible]

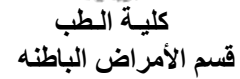
A- Plan and carry out
B- Carry out

C-Carryout under supervision

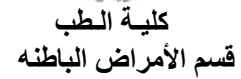
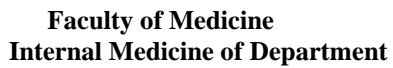
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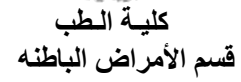
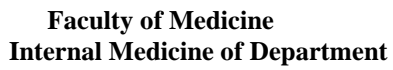
A- Plan and carry out
B- Carry out

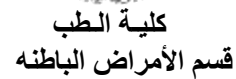
C-Carryout under supervision

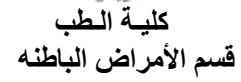
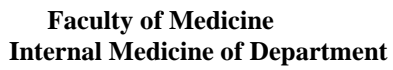
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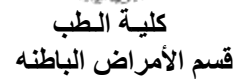
C-Carryout under supervision

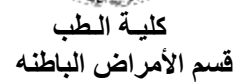
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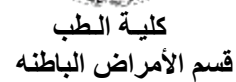
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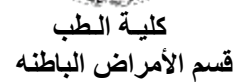
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[illegible]

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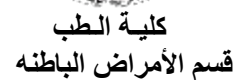
Faculty of Medicine
Internal Medicine of Department

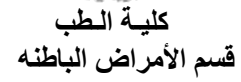
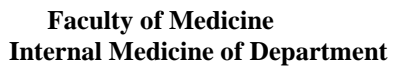


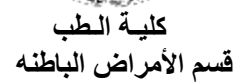
كلية الطب
قسم الأمراض الباطنه

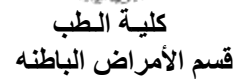
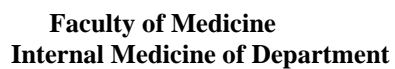
Night Shift

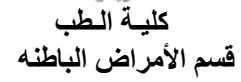
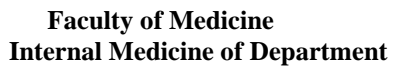
Date	Signature of supervisor	Date	Signature of supervisor

[illegible]

[illegible]

[illegible]

[illegible]



Rotation and attendance in intensive care units

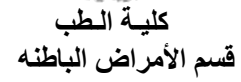
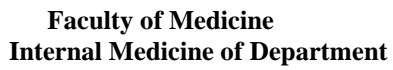
[illegible]

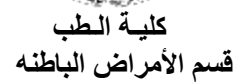


Log of procedures:

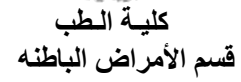
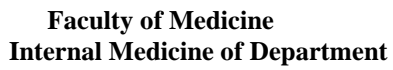
Abdominal ultrasound	A	Hemodialysis catheter	A
Intravenous line insertion	A	insertion either femoral or in	A
Venous and arterial blood sampling	A	central line.	
Ryle and Sengestaken fixation	A	Fistula cannulation	A
Cardiopulmonary resuscitation	A	ECG and direct current use	A
Pleurocentesis and paracentesis	A	as anti-arrhythmic	
Endotracheal intubation	A	Central line insertion	A
Airway suctioning	A	Renal biopsy	B
Follow up of pre and post-transplant patients	B	Insertion of peritoneal catheter	A
		Description of immunosuppressive drugs	A
		Plasmapheresis	C

Level of competency:
A-Independently perform
B-Perform under supervision
C-Observation

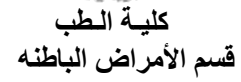
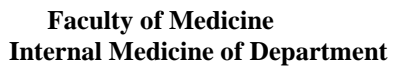
[illegible]



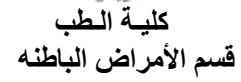
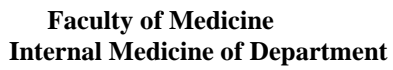
* Level of competency
A- Independent performance
B- Performance under supervision

[illegible]

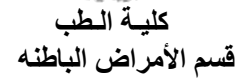
B- Performance under supervision

[illegible]

B- Performance under supervision

[illegible]

B- Performance under supervision

[illegible]

A- Independent performance
B- Performance under supervision
C- Observed



Seminars for all modules

Requirements:

- Attendance of at least 80% of the clinical seminars
- Presentation of at least 2 cases in the seminar
- Presentation of at least 2 subjects in the seminar - Log of at least 1 evidence-based guidelines.

A-Attendance

Date	Attendance	Topic	Signature



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Date	Attendance	Topic	Signature



Faculty of Medicine
Internal Medicine of Department



كلية الطب
قسم الأمراض الباطنه

Date	Attendance	Topic	Signature



Faculty of Medicine
Internal Medicine of Department



كلية الطب
قسم الأمراض الباطنه

Date	Attendance	Topic	Signature



Faculty of Medicine
Internal Medicine of Department



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B- Case or topic Presentation

Date	Case	Topic	Signature



Postgraduate teaching A-Lectures

Date	Title of lecture	Signature of Staff Member



Postgraduate teaching A-Lectures

Date	Title of lecture	Signature of Staff Member



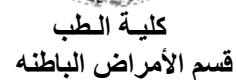
Postgraduate teaching A-Lectures

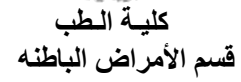
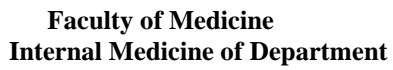
Date	Title of lecture	Signature of Staff Member

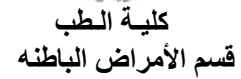


Postgraduate teaching A-Lectures

Date	Title of lecture	Signature of Staff Member

[illegible]

[illegible]





Postgraduate student's program Rotation in training assessment

* **Name:**

* **Period of training From:**

To:

* **Site:**

*Rotation

General skills	could not judge (0)	strongly disagree(1)	(2) (3)	(4) (5)	(6)	strongly agree (7)
Demonstrate the competency of continuous evaluation of different types of care provision to patients in the different area of his field.						
Appraise scientific evidence.						
Continuously improve patient care based on constant self-evaluation and <u>life-long learning</u> .						
Participate in clinical audit and research projects.						



General skills	could not judge (0)	strongly disagree(1)	(2) (3)	(4) (5)	(6)	strongly agree (7)
Practice skills of evidence-based Medicine (EBM).						
Educate and evaluate students, residents and other health professionals.						
Design logbooks.						
Design clinical guidelines and standard protocols of management.						
Appraise evidence from scientific studies related to the patients' health problems.						
Apply knowledge of study designs and statistical methods to the appraisal of clinical studies.						
Use information technology to manage information, access on-line medical information; for the important topics.						
Master interpersonal and communication skills that result in the effective <u>exchange of information and collaboration</u> with patients, their families, and health professionals, including:- <ul style="list-style-type: none"> • <u>Present</u> a case. • <u>Write</u> a consultation note. • <u>Inform patients</u> of a diagnosis and therapeutic plan Completing and maintaining comprehensive. • Timely and legible <u>medical records</u>. • Teamwork skills. 						



General skills	could not judge (0)	strongly disagree(1)	(2) (3)		(4) (5)		(6) (7)		strongly agree (7)
			(2)	(3)	(4)	(5)	(6)	(7)	
Create and sustain a therapeutic and ethically sound relationship with patients.									
Elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills.									
Work effectively with others as a member or leader of a health care team or other professional group.									
Demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and society.									
Demonstrate a commitment to ethical principles including provision or withholding of clinical care, confidentiality of patient information, informed consent, and business practices.									
Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.									
Work effectively in health care delivery settings and systems related to specialty including good administrative and time management.									
Practice cost-effective healthcare and resource allocation that does not compromise quality of care.									



General skills	could not judge (0)	strongly disagree(1)	(2) (3)	(4) (5)	(6)	strongly agree (7)
Advocate for quality patient care and assist patients in dealing with system complexities.						
Design, monitor and evaluate specification of under and post graduate courses and programs.						
Act as a chair man for scientific meetings including time management						

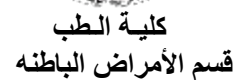


Elective Courses

Requirements

● **Credit points: 3 credit point.**

- Minimal rate of attendance 80% of lectures and 80% of training.
- The student chooses two of the following courses:
 - Advanced medical statistics
 - Evidence based medicine
 - Advanced infection control
 - Quality assurance of medical education
 - Quality assurance of clinical practice
 - Hospital management



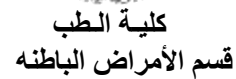
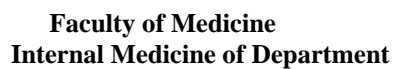
Requirements:

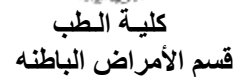
Credit points: 1.5 credit point

Minimal rate of attendance 80% of lectures and 80% of training

Elective Course Lectures

[illegible]

[illegible]

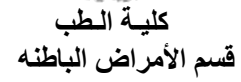
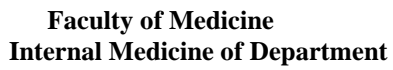


Requirements:

Credit points: 1.5 credit point

Minimal rate of attendance 80% of lectures and 80% of training

[illegible]

[illegible]



Formative MCQ assessment (1.5 CPS) and mini clinical exams (6 CPS)

Exam	Score	Grade*	Date	Signature

Degree

1-Excellent 2- Very good 3-Good 4- Pass 5-Bad



الرسائل العلمية

عنوان الرسالة

عربي : _____

انجليزي : _____

المشرفون : _____

1- _____

2- _____

3- _____

4- _____

تاريخ القيد لدرجة : _____ / /

تاريخ التسجيل الموضوع : _____

المتابعة الدورية : _____

التاريخ	ما تم انجازه من بروتوكول البحث	المتبقي	توقيع المشرفين



Declaration

Course Structure Mirror	Responsible (Course) Coordinator Name:	Signature	Date
First Part			
-Course 1			
-Course 2			
-Course 3			
-Course 4			
-Course 5			
Second Part			
Course 6			
- Elective Course (s) Certificate (s) Dates:			
- M. D. Thesis Acceptance Date:			
- Fulfillment of required contact Credit points prior to final examination			
M.D. Degree Principle Coordinator:			
Date approved by Department Council:			

يعتمد ،
رئيس القسم

أ.د./