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Faculty of Medicine



# **Medical Doctorate (M.D.) Degree of Dermatology & Venereology Log Book**

**" كراسة الأنشطة "**

**اللائحة لحصول المتدرب على درجة الدكتوراه في الأمراض  
الجلدية والتناسلية  
"2022/2023"**



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## Personal Data :-

Name.....

Date of birth.....

Address.....

Place of work.....

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

E mail.....

Name of hospital	Period of work	Hospital director signature

## Academic Information

MBBCh...../...../..... University

Grade .....MSc... University

Grade .....

Grade of Internal Medicine course on graduation

.....

Others...../...../..... University

...../...../..... University



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### **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**

You should fill the following sections:-

##### **1- Clinical case log**

1- You will first find list with all required cases in the concerned module and

the minimum number of cases you must get exposed to and level of

participation you should achieve for each type of cases.

2- You should record all clinical cases in the module and each case should be

signed by you trainer.



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## **2- Clinical case presentation log**

Record the cases related to the module that you have presented in a seminar of the activity.

## **3- Procedures / operations log**

- 1- You will find a list for required procedure, diagnostic – therapeutic operations and level of desired performance you should achieve at the end of training.
- 2- You will find empty tables to write down the procedure, you level of participation and date and signature of supervisor.

## **4- Rotation / attendance proof**

You should have evidence of achievement the required training hours within each module.

*For the whole program fill the following sections.*

### 1- Academic activities

- A- Document all academic activities e.g. lecture, journal clubs, workshops, conference, services attended. This documentation should include the level of participation " attendance, preparation, presentation,....."

### 2- Academic achievements

- A- Document all outcomes you achieved in the field of:-

- 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



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## **- Program aims**

- 1) To Enable the candidates to keep with the international standards of patient care by achieving high levels of:
  - a- Clinical skills.
  - b- Patient care skills.
  - c- Simple surgical maneuvers such as; skin and testicular biopsy, laser, microdermabrasion and chemical peeling.
- 2) Enable them to start professional careers as consultant in Egypt.
- 3) Make them recognized as consultant abroad.
- 4) Enable them to pursue higher studies and degrees.
- 5) To enable candidates to perform high standard scientific medical research and how to proceed with publication in indexed medical journals.
- 6) Enabling them to continue self learning in subspecialties.
- 7) Enabling them to master different research methodology and do their own.

## **- Program Structure**

### **Program Time Table**

Duration of program up to 4 years (could be extended to 6 years) divided into Part 1

Program-related basic science courses

- Medical statistics.
- Research methodology
- : Medicolegal Aspects and Ethics in Medical Practice and Scientific Research

Students are allowed to sit the exams of these courses after 6 months from applying to the M D degree.

Thesis and 2 published researches

For the M D thesis;

MD thesis subject should be officially registered within 1 year from application to the MD degree,

Discussion and acceptance of the thesis should not be set before 24 months from registering the M D subject;

It could be discussed and accepted either before or after passing the second part of examination

Part 2

Program –related speciality courses and ILOs

Students are not allowed to sit the exams of these courses before 4 years from applying to the MD degree.



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## First Part

### **Academic activities of basic science courses**

**Practice with the academic departments for at least 6 months during 1<sup>st</sup> year.**

**Academic activities of basic& essential clinical sciences.**

#### **Course 1**

- Medical statistics.

#### **Course 2**

- Research Methodology

#### **Course 3**

-Medicolegal Aspects & Ethics in Medical Practice and Scientific Research

#### **Course 4:**

-Fungus diseases (Mycology)

#### **Course 5:**

-Pathology (Dermatopathology).

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# Medical statistics

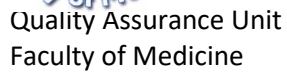
## Requirements

● 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	Public 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



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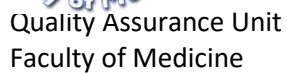
# Research Methodology

## 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	-
Student signature			Principle coordinator signature	Head of the department signature

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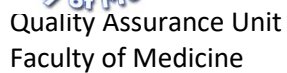


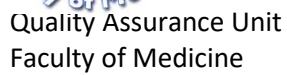
## Course 3: Medicolegal Aspects and Ethics in Medical Practice and Scientific Research

### Requirements

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

Name of the course	Credit points	Responsible department	Attendance& topics	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	20%
	0.2		Death and death certificate.	
	0.2		2 hours	20%
	0.2		Medical Reports	
	0.2		2 hours	20%
	0.2		Toxicological reports	
	0.2		2 hours	20%
	0.2		Ethics in research.	
	0.2		2 hours	20%
	0.2		Medical ethics.	
Student signature			Principle coordinator signature	Head of the department signature

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# Course 4: Fungus diseases (Mycology)

## Requirements

- **Credit points: 3.5 credit point, 2.8CP for didactic and 0.7CP for training**
- **Minimal rate of attendance 80% of didactic teaching and training**

**Year 1 (1<sup>st</sup> part) Mycology (2.8 credit point for didactic)= 80% of course**

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
<b>Course 4: Fungus diseases (Mycology)</b>	<b>2.8 CP</b>	Dermatology, Venereology, and Andrology department	<b>28 hours</b>	<b>100%</b>
			<b>Topics and attendance</b>	<b>%</b>
	<b>0.8 CP</b>		<u>8 hours</u> <b>*Superficial mycoses:</b> <ul style="list-style-type: none"> <li>Laboratory methods <b>0.75hr</b></li> <li>Pityriasis versicolor, <b>0.75hr</b></li> <li>Other cutaneous disorders associated with Malassezia Yeast <b>0.75hr,</b></li> <li>Tinea nigra, Black piedra, White piedra, Otomycosis <b>0.75hr,</b></li> <li>Miscellaneous superficial fungal infections caused by saprophytic moulds <b>0.5hr,</b></li> <li>Dermatophytosis <b>2.5hr</b></li> <li>Infections caused by Scytalidium species <b>0.5hr,</b></li> <li>Onychomycosis caused by other non-dermatophyte Moulds <b>0.75hr,</b></li> <li>Candidosis <b>0.75hr,</b></li> </ul>	28.6%



	0.8 CP		<p><b><u>8 hours</u></b></p> <ul style="list-style-type: none"> <li>• <b><u>Subcutaneous mycoses:</u></b></li> <li>• Laboratory methods <b>1hr</b></li> <li>• Sporotrichosis <b>1.5hr</b></li> <li>• Mycetoma <b>1.5hr</b></li> <li>• Chromoblastomycosis <b>1.25hr</b></li> <li>• Phaeohyphomycosis <b>0.75hr,</b></li> <li>• Lobomycosis <b>0.75hr</b></li> <li>• Rhinosporidiosis <b>0.5hr ,</b></li> <li>• Subcutaneous zygomycosis, <b>0.75hr</b></li> </ul>	28.6%
	0.8 CP		<p><b><u>8 hours</u></b></p> <ul style="list-style-type: none"> <li>• <b><u>Systemic mycoses:</u></b></li> <li>• Laboratory methods <b>0.75 hr</b></li> <li>• Histoplasmosis, <b>1.25hr</b></li> <li>• Blastomycosis, <b>1hr</b></li> <li>• Coccidioidomycosis <b>0.75hr,</b></li> <li>• Paracoccidioidomycosis <b>0.75 hr,</b></li> <li>• Infections caused by <i>Penicillium marneffe</i> <b>0.5hr,</b></li> <li>• Cryptococcosis, <b>1.25hr</b></li> <li>• Systemic candidosis <b>1.25hr</b></li> <li>• Zygomycosis <b>0.5hr,</b></li> </ul>	28.6%
	0.4CP		<p><b><u>4 hours</u></b></p> <ul style="list-style-type: none"> <li>• Unusual causes of skin lesions among opportunistic systemic mycoses <b>2.25hr</b></li> </ul>	14.2%



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			<ul style="list-style-type: none"> <li>• Cutaneous infection caused by <i>Pneumocystis jiroveci</i> <b>0.75hr</b>,</li> <li>• Infections caused by <i>Pythium insidiosum</i> <b>0.5hr</b>,</li> <li>• Protothecosis <b>0.5hr</b>,</li> </ul>	
<b>Student signature</b>			<b>Principle coordinator Signature</b>	<b>Head of the department signature</b>

- Didactic hours include lectures, seminars, tutorials conferences or workshops
- 20 % of credit points of each item are included for dermatopathology training

**Fungus diseases(Mycology )(0.7 credit point for training)=20% of course requirements**

Mycology training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Mycology training (dermatologic diseases) in dermatology units of department	0.7 CP	Dermatology, Venereology, and Andrology department	0.7CP out of 3.5 CP for Mycology	100% of training
	0.4CP		<ul style="list-style-type: none"> <li>➤ Practice with clinical cases of mycological skin diseases for at least 3 months in the department including interpretation of their different skin lesions and related laboratory investigations and fulfilling of ;.</li> <li>➤ Log of cases as mentioned below</li> <li>➤ Procedures and clinical skills log as mentioned below.</li> </ul>	57.1% of training
	0.1 CP		<ul style="list-style-type: none"> <li>➤ Attendance of at least 20 weeks in the Outpatient dermatology clinics (3 hours /day)</li> </ul>	14.3% of training
	0.1CP		<ul style="list-style-type: none"> <li>➤ Attendance of Clinical teaching (1hour /week for 20 weeks)</li> </ul>	14.3% of training
	0.1 CP		<ul style="list-style-type: none"> <li>➤ Formative assessment</li> </ul>	14.3% of training
<b>Student signature</b>			<b>Principle coordinator Signature</b>	<b>Head of the department signature</b>

## Management plan of the following case log

Case	Number
-Management plan of dermatophyte skin infections	At least 20
-Management plan of candida skin infections.	At least 10
Management plan of onychomycosis.	At least 5
Management plan of Tenia versicolor	At least 20
Management plan of subcutaneous fungal infections	At least 5

### Level of competence:



The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

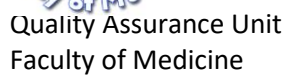
A -Plan and carry out independently

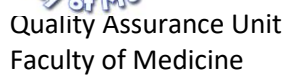
B- Carry out independently.

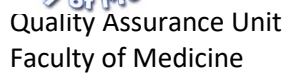
C - Carry out under supervisions.

### Procedure and clinical skills log of:

 Independently Perform:	 Order and interpret:
<ul style="list-style-type: none"> <li>Clinical sheet.</li> <li>Follow up chart for clinical assessment</li> <li>Treatment chart.</li> <li>Discharge card.</li> <li>Consultation of other subspecialties.</li> <li>Fungal scrapping and KOH examination</li> <li>Wood's lamp examination of some fungal infections</li> </ul>	<ul style="list-style-type: none"> <li>Routine laboratory investigations.</li> <li>Specific investigation and findings of reports related to case log.</li> </ul>

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# Course 5: Pathology (Dermatopathology)

## Requirements

- **Credit points: 3.5 credit point, 2.8CP(80%) for didactic and 0.7CP(20%) for training**
- **Minimal rate of attendance 80% of didactic teaching and training**





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## Pathology (Dermatopathology) (2.8 credit point for didactic)

=80% of requirements

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
<b>Course 5; Pathology (Dermatopathology)</b>	<b>2.8 CP</b>	Dermatology, Venereology, and Andrology department	<b>28 hours</b>	<b>100%</b>
			<b>Topics and attendance</b>	<b>%</b>
	0.8 CP		8 hours <ul style="list-style-type: none"> <li>• Structure and function of skin (30min)</li> <li>• Specialized techniques in dermatopathology (30 min)</li> <li>• Disorders of keratinization (1.25hr): Ichthyosis vulgaris Porokeratosis</li> <li>• Inherited and autoimmune subepidermal blistering disease (1 hr): Epidermolysis bullosa Bullous pemphigoid Pemphigoid gestations Dermatitis herpetiformis Linear IgA disease</li> <li>• Acantholytic disorders (1.25hr): Pemphigus vulgaris Pemphigus vegetans Pemphigus foliaceus Pemphigus erythematosus Paraneoplastic</li> </ul>	28.6%

			<p>pemphigus IgA pemphigus Darier's disease</p> <ul style="list-style-type: none"> <li>Spongiotic, psoriasiform, and pustular dermatoses <b>(1.75hr):</b> Eczematous dermatitis Psoriasis Subcorneal pustular dermatoses</li> <li>Lichenoid and interface dermatitis <b>(1.75 hr)</b> Lichen planus Erythema multiforme Toxic epidermal necrolysis Pityriasis lichenoides.</li> </ul>	
	<b><u>0.8 CP</u></b>		<p><b><u>8 hours</u></b></p> <ul style="list-style-type: none"> <li>Superficial and peri-vascular inflammatory dermatoses <b>(1.25hr):</b> Urticarial vasculitis Pigmented purpuric dermatoses</li> <li>Granulomatous, necrobiotic and perforating dermatoses <b>(1.25hr):</b> Sarcoidosis Granuloma annulare Necrobiosis lipoidica Foreign body granuloma</li> <li>Degenerative and metabolic diseases <b>(45min):</b> Xanthoma Amyloidosis</li> </ul>	<b><u>28.6%</u></b>

			<ul style="list-style-type: none"> <li>• Mastocytosis (30min)</li> <li>• Neutrophils and eosinophilic dermatoses (1.25hr): Pyoderma gangrenosum Sweet syndrome Hidradenitis suppurativa</li> <li>• Connective tissue disorders (1.5 hr): Lupus erythematosus Morphea and systemic sclerosis</li> <li>• Infectious diseases of the skin (1.5hr): Warts tuberculosis Leishmania Leprosy</li> </ul>	
	1.2 CP		<p><b><u>12 hours</u></b></p> <ul style="list-style-type: none"> <li>• Epidermal tumours (7hr)</li> <li>• Appendageal tumours (2.5 hr)</li> <li>• Lymphoma (1.25 hr)</li> <li>• Naevi (1.25hr)</li> </ul>	42.8%
Student signature			Principle coordinator Signature	Head of the department signature

- Didactic include lectures, seminars, tutorials conferences or workshops
- 20 % of credit points of each item are included for pathology (dermatopathology) training

**Pathology (Dermatopathology) (0.7 credit point for training)=20%  
of course requirements**

<b>Dermatopathology training</b>	<b>Credit points</b>	<b>Responsible department</b>	<b>Attendance</b>	<b>Percentage of Achieved points</b>
Pathology (Dermatopathology) training (dermatologic diseases) in dermatology units	0.7 CP	Dermatology , Venereology, and Andrology department	0.7CP out of 3.5 CP for Dermatopathology	100% of training
	0.4CP		<ul style="list-style-type: none"> <li>➤ Practice with H&amp;E slide examination for at least 3 months in the department including interpretation of their different histopathological features of skin lesions and fulfilling.</li> <li>➤ Log of dermatopathology log of cases as mentioned below</li> <li>➤ Procedures and clinical skills log as mentioned below.</li> </ul>	57.1% of training
	0.1 CP		<ul style="list-style-type: none"> <li>➤ Attendance of Practical dermatopathology teaching (1hour /week for 20 weeks)</li> </ul>	14.3% of training
	0.1CP		<ul style="list-style-type: none"> <li>➤ Attend or share in teaching of medical colleagues (students or junior residents) 2 hours /week for 20 week</li> </ul>	14.3% of training



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	0.1 CP		➤ Formative assessment	14.3% of training
<b>Student signature</b>			<b>Principle coordinator Signature</b>	<b>Head of the department signature</b>

## Identification of following spots

Spot	Number
-Normal skin histopathology	At least 5
-Histopathology of Darier's disease.	At least 5
Histopathology of eczematous dermatitis	At least 10
Histopathology of Psoriasis	At least 10
Histopathology of lichen planus	At least 5
Histopathology of cutaneous tuberculosis	At least 5
Histopathology of leprosy	At least 10
Histopathology of basal cell carcinoma	At least 10
Histopathology of squamous cell carcinoma	At least 5
Histopathology of syringoma	At least 5
Histopathology of mycosis fungoides	At least 5

### Level of competence:



The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

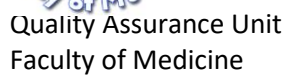
A -Plan and carry out independently

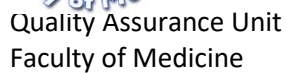
B- Carry out independently.

C - Carry out under supervisions.

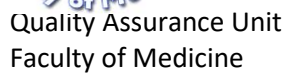
### Procedure and clinical skills log of:

 Independently Perform:	 Order and interpret:
<ul style="list-style-type: none"> <li>Skin biopsy</li> <li>Report on H &amp; E stained sections of skin lesions</li> </ul>	<ul style="list-style-type: none"> <li>Special stains, immunohistochemical stains and interpret findings of reports related to case log.</li> </ul>

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# Speciality courses

- **Course 6:**

**Advanced Dermatology .**

- **Course 7:**

**Advanced Venorology and Anderology.**

Courses Titles' list	% from total credit points	Level (Year)	Core Credit points		
			Didactic	training	Total
1) Course 6 " Advanced Dermatology "	60.54%	1,2&3,4	15	74	89
2) Course 7 " Advanced Venerology and Andrology "	39.46%	1,2&3,4	9	49	58
Total No. of courses: 2 courses	100%	1,2&3	24	123	147

## Course 6: Advanced Dermatology

### *Rotation / attendance proof*

الأماكن التي تدرب بها

توقيع مدير المستشفى	توقيع رئيس القسم	أسم المستشفى التي تدرب بها

### Requirements

- **Credit points:** 15 credit points for didactic (lectures, seminars, tutorials conferences or workshops) and 74 credit point for training.
- Minimal rate of attendance 80% of training and didactic.



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# Year 1



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## Year 1(1.6 credit points for Didactic teaching)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
<b>Advanced Dermatology</b>	1.6CP	Dermatology, Venereology, and Andrology department	Year 1	<b>10.7% of the didactics course</b>
			<b>Topics and attendance</b>	
	<b>0.5CP</b> 0.15CP		5 hours -Normal skin anatomy and histology 1.15hr -Physiological functions of the skin in relation to its structure 1.15hr -Diagnosis of skin diseases (excluding histopathology)0.5 hr - Epidemiology of skin diseases 0.5 hr -Racial influence on the skin 0.5 hr -Ages of man and their dermatoses 0.5hr	<b>3.3%</b>
	0.15CP			
	0.05CP 0.05CP			
	<b>1 CP</b> 0.1CP 0.4CP		10 hours -Molecular Biology 1hr -Skin inflammation: Cells, molecules, mediators and their inter-relation 4hr -Dermatologic immunology, allergy and photoimmunolgy 4hr -Wound healing and skin regeneration 1hr	<b>6.7%</b>
	0.4CP			
	0.1CP			
	0.1CP		<ul style="list-style-type: none"> <li>Attendance of at least 80% of the Didactics seminars</li> <li>Presentation of at least 1 time in the seminar every 6 seminars</li> </ul>	0.7%
Student signature			Principle coordinator Signature	Head of the department signature

## Year 1(14 credit point for training)

Clinical training	Credit points	Responsible department	Attendance& activities	Percentage of Achieved points
Clinical training (dermatologic diseases) in Advanced dermatology	14 CP	Dermatology, Venereology, and Andrology department	14 CP out of 74 CP for training in year 1	18.9% of total course training
	4CP		<ul style="list-style-type: none"> <li>➤ Practice with clinical cases for at least 3 months in the department including interpretation of their different skin lesions and related laboratory investigations.</li> <li>➤ Log of dermatology cases as mentioned below</li> <li>➤ Procedures and clinical skills log as mentioned below.</li> </ul>	28.6% of course training in year1
	2CP		➤ Attendance of at least 20 weeks in the Outpatient dermatology clinics (3 hours /day)	14.3% of course training in year1
	2 CP		➤ Attendance of at least 30% of clinical rounds of dermatology (2 hours /week for 20 weeks)	14.3% of course training in year1
	2CP		➤ Attendance of at least 75% of Clinical seminars (1hour/week)+	14.3% of course training in year1

			case presentation(1/6 weeks)	
	2 CP		➤ Attendance of Clinical teaching (1hour /week for at least 20 weeks)	14.3% of course training in year1
	1CP		➤ Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 20 week	7.1% of course training in year1
	1 CP		➤ Formative assessment	7.1% of course training in year1
<b>Student signature</b>			<b>Principle coordinator Signature</b>	<b>Head of the department signature</b>



## Management plan of the following case log

Case	Number
-Management plan of Psoriasis	At least 30
-Management plan of Disorders of keratinization.	At least 10
Management plan of Bullous skin diseases.	At least 20
Management plan of Eczematous skin conditions	At least 20
Management plan of Cutaneous pigmentary disorders	At least 20
Management plan of Drug reactions	At least 20
Management plan of Cutaneous infections.	At least 20
Management plan of Leprosy.	At least 10
Management plan of Genodermatoses.	At least 10
Management plan of acne , rosacea and related dermatoses	At least 30
Management plan of Autoimmune connective tissue diseases	At least 10
Management plan of hair disorders	At least 5

### \*Level of competence:

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

A -Plan and carry out independently

B- Carry out independently.



C - Carry out under supervisions.

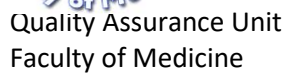


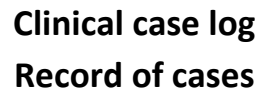
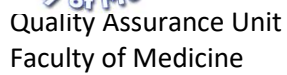
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### Procedure and clinical skills log of:

 <b>Independently Perform:</b>	 <b>Order and interpret:</b>
<ul style="list-style-type: none"> <li>• Clinical sheet .</li> <li>• Follow up chart for clinical assessment</li> <li>• Treatment chart.</li> <li>• Discharge card.</li> <li>• Consultation of other subspecialties.</li> <li>• Laser treatment</li> <li>• Chemical peeling</li> <li>• Microdermabrasion</li> <li>• Electrocauterization &amp; Cryosurgery</li> <li>• Skin biopsy</li> </ul>	<ul style="list-style-type: none"> <li>• Phototherapy regimens for different dermatologic diseases</li> <li>• Routine laboratory investigations.</li> <li>• Specific investigation and findings of reports related to case log.</li> </ul>

43



**\*Level of Competence:**

C - Carry out under supervision.



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### Clinical case log Record of cases

Hospital number	Diagnosis of case	*Level of competence	Location	Signature of supervisor

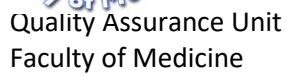
#### \*Level of Competence:

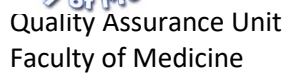
The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

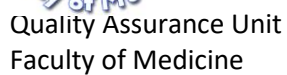
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B- Carry out independently.

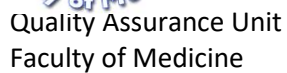
C - Carry out under supervision.

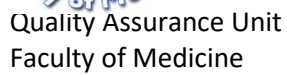
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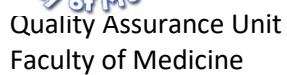
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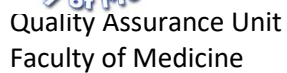
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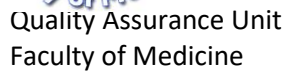
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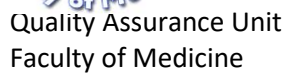
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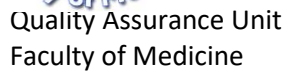
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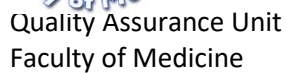


Level: 1= Observe      2= Participate      3= Perform

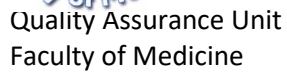
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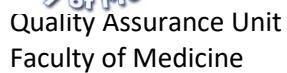
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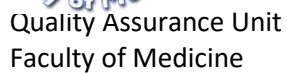


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# Year 2



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## Year 2 (3.9 credit points for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Advanced dermatology	<b>3.9 CP</b>	Dermatology, Venereology, and Andrology department	<b>Year 2</b>	<b>26. % of the course didactics</b>
			<b>Topics and attendance</b>	<b>%</b>
	<u><b>1 CP</b></u> 0.3cp		10 hours	6.7%
	0.1cp		- Genetics and Genodermatoses 3hr	
	0.2cp		- Prenatal diagnosis of genetic skin diseases 1hr	
			- Neonatal and pediatric dermatology 2hr	
	0.2cp		- Common naevi and developmental defects: Epidermal, dermal and vascular 2hr	
	0.2cp		- Non melanoma skin cancer and Epidermal skin tumours 2hr	
	<u><b>1 CP</b></u> 0.2cp		10 hours	6.7%
	0.2cp		- Pruritus: Pathway, mediators, modulators, situations and management 2hr	
	0.2cp		- Eczema, lichenification, prurigo and erythroderma 2hr	
	0.2cp		- Atopic dermatitis 2hr	
	0.2cp		- Contact dermatitis: Allergic, and irritant 2hr	
			- Occupational dermatoses 2hr	
	<u><b>0.5CP</b></u> 0.2cp		5 hours	3.2%
	0.1cp		- Mechanical and thermal injury 2hr	
			- Reactions to cold 1hr	
	0.2cp		- Cutaneous photobiology: Basic principles, normal reactions, abnormal reactions, photodermatoses and phototherapy 2hr	
	<u><b>1 CP</b></u> 0.2cp		10 hours	6.7%
			- Viral infections 2hr	



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	0.2cp		-Bacterial infections 2hr	
	0.2cp		-Mycobacterial infections: Tuberculosis and atypical mycobacteria 2hr	
	0.2cp		-Leprosy 2hr	
	0.1cp		- Parasitic worms and protozoa 1hr	
	0.1cp		- Diseases caused by Arthropods and other Noxious Animals 1 hr	
	<b>0.25CP</b>		Formative assessment	1.7%
	<b>0.15CP</b>		<ul style="list-style-type: none"> <li>Attendance of at least 80% of the Didactics seminars</li> <li>Presentation of at least 1 time in the seminar every 6 seminar.</li> </ul>	1%
<b>Student signature</b>			<b>Principle coordinator Signature</b>	<b>Head of the department signature</b>

## Year 2 (20 credit point for training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Advanced dermatology	20CP	Dermatology, Venereology, and Andrology department	20 credit points out of 74 Credit points for training in second year	27% of course training
	5CP		<ul style="list-style-type: none"> <li>➤ Practice with clinical cases for at least 5 months in the department including interpretation of their different dermatological manifestations and related laboratory investigations.</li> <li>➤ Log of dermatology cases as mentioned below</li> <li>➤ Procedures and clinical skills log as mentioned below.</li> </ul>	25% of course training in year 2
	3CP		➤ Attendance of at least 30 weeks in the Outpatient dermatology clinic.	15% of course training in year 2
	3CP		➤ Attendance of at least 50% of staff members clinical rounds (2 hours /week for 30 week)	15% of course training in year 2
	3CP		➤ Attendance of at least 75% of Clinical seminars (1hour/week)+ case presentation(1/6 weeks)	15% of course training in year 2



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	2.5CP		➤ Attendance of Clinical teaching 1 hour/wk for 30wk.	12.5% of course training in year 2
	2.5CP		➤ Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 30 week	12.5% of course training in year 2
	1 CP		➤ Formative assessment	5% of course training in year 2
Student signature			Principle coordinator Signature	Head of the department signature



Case	Number
- Management plan of Psoriasis	At least 30
-Management plan of Disorders of keratinization.	At least 10
Management plan of Bullous skin diseases.	At least 20
Management plan of Eczematous skin conditions	At least 20
Management plan of Pruritis and prurigo	At least 20
Management plan of Cutaneous pigmentary disorders	At least 20
Management plan of Drug reactions	At least 20
Management plan of Cutaneous infections.	At least 20
Management plan of Leprosy.	At least 10
Management plan of Genodermatoses.	At least 10
Management plan of acne , rosacea and related dermatoses	At least 30
Management plan of Autoimmune connective tissue diseases	At least 10
Management plan of hair disorders	At least 5
Management plan of nail disorders	At least 5
Management plan of Neonatal dermatoses	At least 5
Management plan of Urticarial and flushing disorders	at least 10
Management plan of Disorders of cutaneous vessels	At least 5
Management plan of Lichen planus and lichenoid eruptions	At least 5
Management plan of Occupational dermatoses	At least 5
Management plan of Skin tumours	At least 10
Management plan of Cutaneous naevi	At least 10
Management plan of Cutaneous lymphomas	At least 5
Management plan of Psychocutaneous disorders	At least 5
Management plan of Histocytosis and mastocytosis	At least 5
Management plan of Granulomatous skin diseases and Necrobiotic disorders	At least 5
Management plan of Metabolic and nutritional dermatoses	At least 5



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**\*Level of competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

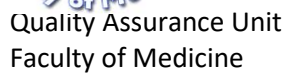
A -Plan and carry out independently

B- Carry out independently.

C - Carry out under supervisions.

**Procedure and clinical skills log of:**

✚ Independently Perform:	✚ Order and interpret:
<ul style="list-style-type: none"> <li>• Clinical sheet .</li> <li>• Follow up chart for clinical assessment</li> <li>• Treatment chart.</li> <li>• Discharge card.</li> <li>• Consultation of other subspecialties.</li> <li>• Laser treatment</li> <li>• Chemical peeling</li> <li>• Microdermabrasion</li> <li>• Electrocauterization</li> <li>• Cryosurgery</li> <li>• Skin biopsy</li> </ul>	<ul style="list-style-type: none"> <li>• Phototherapy regimens for different dermatologic diseases Routine laboratory investigations.</li> <li>• Specific investigations related to case log.</li> <li>•</li> </ul>

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### Clinical case log Record of cases

Hospital number	Diagnosis of case	*Level of competence	Location	Signature of supervisor

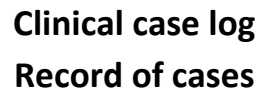
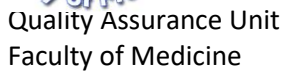
#### \*Level of Competence:

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

A - Plan and Carry out independently.

B- Carry out independently.

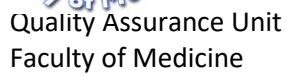
C - Carry out under supervision.

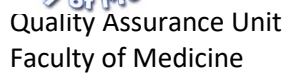
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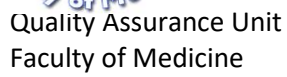
**\*Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

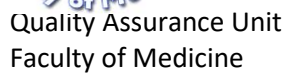
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B- Carry out independently.  
C - Carry out under supervision.

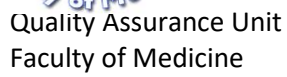
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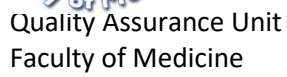
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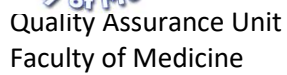
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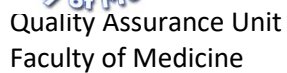


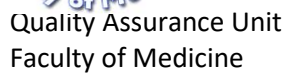
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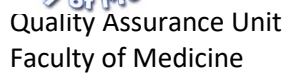
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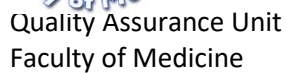
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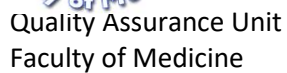
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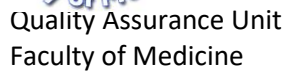
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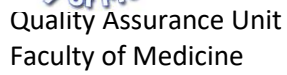


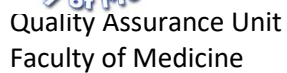
Level: 1= Observe      2= Participate      3= Perform

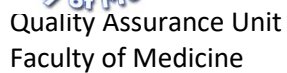


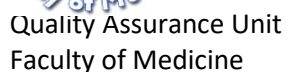
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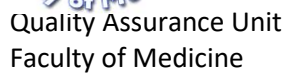
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# Year 3



### Year 3 (4.4 credit points for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Advanced Dermatology	4.4CP	Dermatology, Venereology, and Andrology department	Year 3	29.3% of the didactics
			Topics and attendance	%
	1 CP 0.4CP 0.4CP		10 hours - Disorders of keratinization 4hr - Psoriasis 4hr - Lichen planus and lichenoid eruptions 2hr	6.66%
	0.2CP			
	1 CP 0.7CP 0.3CP		10 hours <b>Bullous eruptions:</b> · Immunobullous disorders 7hr · Mechanobullous disorders 3hr	6.66%
	1 CP 0.2CP		10 hours - Disorders of Sebaceous glands 2hr - Rosacea, perioral dermatitis and similar dermatoses, Flushing and flushing syndromes 2hr - Disorders of Sweat glands 2hr - Disorders of skin colour 2hr - Tumours of skin appendages 1hr - Lentigos, Melanocytic naevi and malignant melanoma 1hr	6.66%
	0.2CP			
	0.2CP 0.2CP			
	0.1CP			
	0.1CP			
	1 CP 0.3CP		10 hours - Autoimmune connective tissue diseases 3hr - Disorders of connective tissue: Elastin, Collagen, Premature aging 3hr - Subcutaneous fat 2hr - Sarcoidosis 1hr - Soft tissue tumours and tumour-like conditions 1hr	6.66%
	0.3CP			
	0.2CP			
	0.1CP			
	0.1CP			
	0.25CP		• Formative assessment	1.66%
	0.15CP		• Attendance of at least 80% of the Didactics seminars • Presentation of at least 1 time every 6 seminars	1%
Student signature			Principle coordinator Signature	Head of the department signature

## Year 3 (20 credit point for training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in advanced dermatology	20CP	Dermatology, Venereology, and Andrology department	<b>20 credit points out of 74 Credit points for training in year 3</b>	<b>27% of course training</b>
	5CP		<ul style="list-style-type: none"> <li>➤ Practice with clinical cases for at least 5 months in the department including interpretation of their different dermatological manifestations and related laboratory investigations.</li> <li>➤ Log of dermatology cases as mentioned below</li> <li>➤ Procedures and clinical skills log as mentioned below.</li> </ul>	25% of course training in year 3
	3CP		➤ Attendance of at least 30 weeks in the Outpatient dermatology clinic.	15% of course training in year 3
	3CP		➤ Attendance of at least 50% of staff members clinical rounds (2 hours /week for 30 week)	15% of course training in year 3
	3CP		➤ Attendance of at least 75% of Clinical seminars (1hour/week)+ case presentation(1/6 weeks)	15% of course training in year 3
	2.5CP		➤ Attendance of Clinical teaching\ 1 hour/wk for 30wk.	12.5% of course training in year 3
	2.5CP		➤ Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 30 week	12.5% of course training in year 3
	1 CP		➤ Formative assessment	5% of course training in year 3
Student signature			Principle coordinator Signature	Head of the department signature

## Management plan of the following case log

Case	Number
- Management plan of Psoriasis	At least 30
-Management plan of Disorders of keratinization.	At least 10
Management plan of Bullous skin diseases.	At least 20
Management plan of Eczematous skin conditions	At least 20
Management plan of Pruritis and prurigo	At least 20
Management plan of Cutaneous pigmentary disorders	At least 20
Management plan of Drug reactions	At least 20
Management plan of Cutaneous infections.	At least 20
Management plan of Leprosy.	At least 10
Management plan of Genodermatoses.	At least 10
Management plan of acne , rosacea and related dermatoses	At least 30
Management plan of Autoimmune connective tissue diseases	At least 10
Management plan of hair disorders	At least 5
Management plan of nail disorders	At least 5
Management plan of Neonatal dermatoses	At least 5
Management plan of Urticarial and flushing disorders	at least 10
Management plan of Disorders of cutaneous vessels	At least 5
Management plan of Lichen planus and lichenoid eruptions	At least 5
Management plan of Occupational dermatoses	At least 5
Management plan of Skin tumours	At least 10
Management plan of Cutaneous naevi	At least 10
Management plan of Cutaneous lymphomas	At least 5
Management plan of Psychocutaneous disorders	At least 5
Management plan of Histiocytosis and mastocytosis	At least 5
Management plan of Granulomatous skin diseases and Necrobiotic disorders	At least 5
Management plan of Metabolic and nutritional dermatoses	At least 5

\\*Level of competence:





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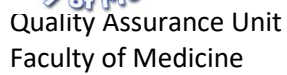


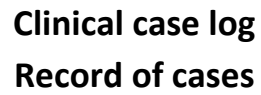
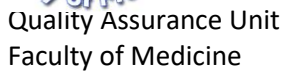
The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

- A -Plan and carry out independently
- B- Carry out independently.
- C - Carry out under supervisions.

#### Procedure and clinical skills log of:

 <b>Independently Perform:</b>	 <b>Order and interpret:</b>
<ul style="list-style-type: none"> <li>• Clinical sheet .</li> <li>• Follow up chart for clinical assessment</li> <li>• Treatment chart.</li> <li>• Discharge card.</li> <li>• Consultation of other subspecialties.</li> <li>• Laser treatment</li> <li>• Chemical peeling</li> <li>• Microdermabrasion</li> <li>• Electrocauterization</li> <li>• Cryosurgery</li> <li>• Skin biopsy</li> </ul>	<ul style="list-style-type: none"> <li>• Phototherapy regimens for different dermatologic diseases</li> <li>• Routine laboratory investigations.</li> <li>• Specific investigations related to case log.</li> </ul>

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**\*Level of Competence:**

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

- A - Plan and Carry out independently.  
B- Carry out independently.  
C - Carry out under supervision.



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### Clinical case log Record of cases

Hospital number	Diagnosis of case	*Level of competence	Location	Signature of supervisor

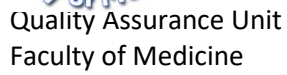
#### \*Level of Competence:

The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills.

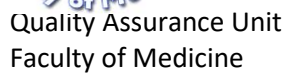
A - Plan and Carry out independently.

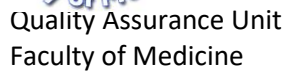
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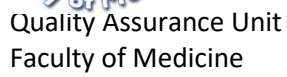
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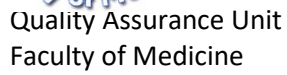
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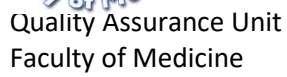


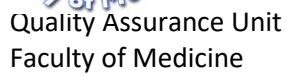
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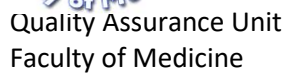
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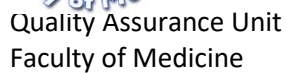
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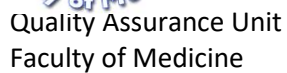
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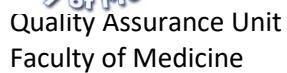
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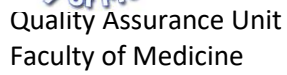
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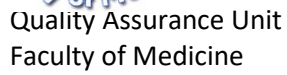


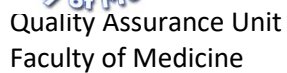


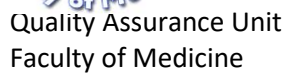
Level: 1= Observe      2= Participate      3= Perform

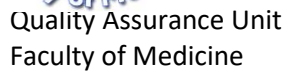
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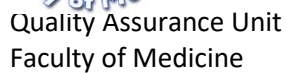
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# Year 4

### Year 4 (5.1 credit points for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
<b>Advanced Dermatology</b>	<b>5.1 CP</b>	Dermatology, Venereology, and Andrology department	<b>Year 4</b>	<b>34% of the didactics course</b>
			<b>Topics and attendance</b>	<b>%</b>
	<u>1 CP</u> <b>0.2CP</b>		10 hours -Urticaria and Mastocytosis 2hr	6.66%
	<b>0.1CP</b>		-Diseases of the Veins and Arteries, Leg ulcers 1hr	
	<b>0.1CP</b>		-Disorders of lymphatic vessels 1hr	
	<b>0.2CP</b>		-Purpura, microvascular occlusion and telangiectasia 2hr	
	<b>0.25CP</b>		-Cutaneous vasculitis, neutrophilic disorders and related disorders 2.5hr	
	<b>0.15CP</b>		-Histiocytosis 1.5 hr	
	<u>0.5 CP</u>		5 Hours	3.33%
	0.15CP		-Metabolic and nutritional diseases 1.5 hr	
	0.15CP		-Systemic diseases and the skin 1.5 hr	
	0.2CP		-Cutaneous lymphomas and lymphocytic infiltrations 2hr	6.66%
	<u>1 CP</u> 0.1CP		10 hours -Psychocutaneous disorders 1hr	
	0.2CP		-The nails: Anatomy and nail disorders 2hr	
	0.3CP		-The hair: Anatomy and hair disorders 3hr	
	0.2CP		-Pregnancy related skin conditions 2hr	
	0.2CP		-Oral cavity and lips 2hr	



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	<b>0.5CP</b> 0.1CP		5 Hours -The skin and nervous system 1hr	3.33%
	0.05CP		-skin and the eye 0.5hr	
	0.05CP		-external ear 0.5hr	
	0.05CP		-The breast 0.5hr	
	0.05CP		-The genital perianal and umbilical region 0.5hr	
	0.2CP		-Vascular tumours 2hr	
	<b>0.5 CP</b> 0.25CP		5 hours -Drug reactions, 2.5 hr	3.33%
	0.25CP		-Erythema multiform, Steven-Johnson syndrome and Toxic epidermal Necrolysis 2.5 hr	
	<b>1 CP</b> 0.1CP		10 hours - General aspects of treatment 1hr	6.66%
	0.25CP		- Systemic therapy 2.5hr	
	0.15CP		-Topical therapy 1.5hr	
	0.2CP		-Dermatological surgery 2hr	
	0.2CP		- Physical and Lasers therapies 2hr	
	0.1CP		-Radiotherapy and reaction to ionizing radiation 1hr	
	<b>0.5CP</b>		• Formative assessment	3.33%
	<b>0.1CP</b>		• Attendance of at least 80% of the Didactics seminar • Presentation of at least 1 time in the seminar every 6 seminars	0.7%
Student signature			Principle coordinator Signature	Head of the department signature

## Year 4 (20 Credit points for training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Advanced dermatology	20CP	Dermatology, Venereology, and Andrology department	20 credit points out of 74 Credit points for training in year 4	27% of course training
	5 CP		<ul style="list-style-type: none"> <li>➤ Practice with clinical cases for at least 5 months in the department including interpretation of their different dermatological manifestations and related laboratory investigations.</li> <li>➤ Log of dermatology cases as mentioned below</li> <li>➤ Procedures and clinical skills log as mentioned below.</li> </ul>	25% of course training in year 4
	3CP		Attendance of at least 30 weeks in the Outpatient dermatology clinic.	15% of course training in year 4
	3CP		➤ Attendance of at least 50% of staff members clinical rounds (2 hours /week for 30 week)	15% of course training in year 4
	3CP		➤ Attendance of at least 75% of Clinical seminars (1hour/week)+ case presentation(1/6 weeks)	15% of course training in year 4
	2.5CP		➤ Attendance of Clinical teaching 1 hour/wk for 30wk.	12.5% of course training in year 4
	2.5CP		➤ Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 30 week	12.5% of course training in year 4
	1 CP		➤ Formative assessment	5% of course training in year 4
Student signature			Principle coordinator Signature	Head of the department signature

### Management plan of the following case log

Case	Number
- Management plan of Psoriasis	At least 30
-Management plan of Disorders of keratinization.	At least 10
Management plan of Bullous skin diseases.	At least 20
Management plan of Eczematous skin conditions	At least 20
Management plan of Pruritis and prurigo	At least 20
Management plan of Cutaneous pigmentary disorders	At least 20
Management plan of Drug reactions	At least 20
Management plan of Cutaneous infections.	At least 20
Management plan of Leprosy.	At least 10
Management plan of Genodermatoses.	At least 10
Management plan of acne , rosacea and related dermatoses	At least 30
Management plan of Autoimmune connective tissue diseases	At least 10
Management plan of hair disorders	At least 5
Management plan of nail disorders	At least 5
Management plan of Neonatal dermatoses	At least 5
Management plan of Urticarial and flushing disorders	at least 10
Management plan of Disorders of cutaneous vessel	At least 5
Management plan of Lichen planus and lichenoid eruptions	At least 5
Management plan of Occupational dermatoses	At least 5
Management plan of Skin tumours	At least 10
Management plan of Cutaneous naevi	At least 10
Management plan of Cutaneous lymphomas	At least 5
Management plan of Psychocutaneous disorders	At least 5
Management plan of Histocytosis and mastocytosis	At least 5
Management plan of Granulomatous skin diseases and Necrobiotic disorders	At least 5
Management plan of Metabolic and nutritional dermatoses	At least 5

\*Level of competence:



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The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

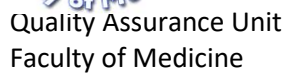
A -Plan and carry out independently

B- Carry out independently.

C - Carry out under supervisions.

### Procedure and clinical skills log of:

✚ Independently Perform:	✚ Order and interpret:
<ul style="list-style-type: none"> <li>• Clinical sheet .</li> <li>• Follow up chart for clinical assessment</li> <li>• Treatment chart.</li> <li>• Discharge card.</li> <li>• Consultation of other subspecialties.</li> <li>• Laser treatment</li> <li>• Chemical peeling</li> <li>• Microdermabrasion</li> <li>• Electrocauterization</li> <li>• Cryosurgery</li> <li>• Skin biopsy</li> </ul>	<ul style="list-style-type: none"> <li>• Phototherapy regimens for different dermatologic diseases</li> <li>• Routine laboratory investigations.</li> <li>• Specific investigations related to case log.</li> </ul>

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### Clinical case log Record of cases

Hospital number	Diagnosis of case	*Level of competence	Location	Signature of supervisor

#### \*Level of Competence:

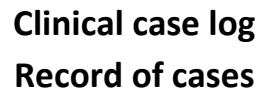
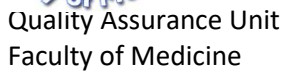
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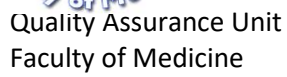


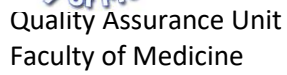
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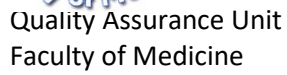
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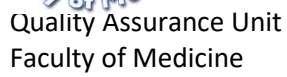
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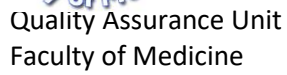
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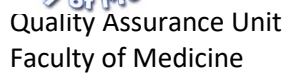
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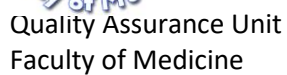
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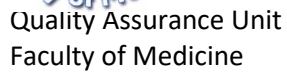
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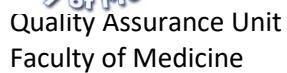
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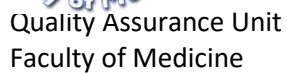
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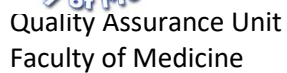


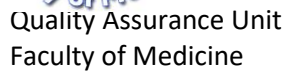
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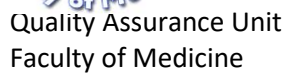
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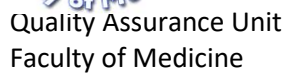
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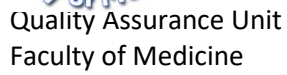


# Cryocautery

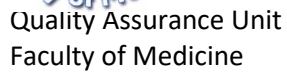
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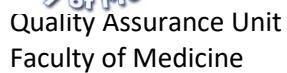
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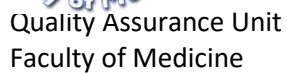




**PUVA / NB-UVB**

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- Mini clinical examination
- Quizzes.
- MCQ.



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## 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</u> learning.						
Participate in clinical audit and research projects.						



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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"> <li>• <u>Present</u> a case.</li> <li>• <u>Write</u> a consultation note.</li> <li>• <u>Inform patients</u> of a diagnosis and therapeutic plan</li> <li>Completing and maintaining comprehensive.</li> <li>• Timely and legible <u>medical records</u>.</li> <li>• Teamwork skills.</li> </ul>								



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General skills	could not judge (0)	strongly disagree(1)	(2)	(3)	(4)	(5)	(6)	strongly agree (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.								



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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									

## Course 7 Advanced Andrology and Venorology(STD)

### Coordinators:

Prof Dr Aza Mahfouz.

Dr Emad El Dien Kamal

### Modules

1. Basic Andrology.
2. General Andrology.
3. Infertility and ART.
4. Sexology.
5. Sexually Transmitted disease.

### Didactic credit points (9.5 CP):

	Basic Andrology		General Andrology		Infertility and ART		Sexology		Sexually Transmitted disease		Formative Assessment*		Total	
	CP	%	CP	%	CP	%	CP	%	CP	%	CP	%	CP	%
First year	1.42	14.4 %	-	-	-	-	-	-	-	-	0.05	0.5%	1.42	14.9 5%
Second Year	-	-	0.95	10%	0.92	9.7%	0.6	6.31 %	-	-	0.15	1.57 %	2.62	27.5 8%
Third Year	-	-	-	-	0.95	10%	0.9	9.47 %	0.95	10%	0.15	1.57 %	2.96	31.1 5%
Fourth Year	-	-	-	-	0.45	4.7%	0.35	3.68 %	1.55	16.31 %	0.15	1.57 %	2.5	26.3 2%
Total	1.42	15%	0.95	10%	2.32	24.4 %	1.85	19.4 6%	2.5	26.3 1%	0.5	5.26 %	9.5	100 %

■ \* Formative Assessment in didactics form was 0.5 credit point that will be done periodically as was shown in table above and according to departmental counsel approval and time schedules of teaching.





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## Clinical credit points (49 CP):

	General Andrology		Infertility and ART		Sexology		Sexually Transmitted disease		Total	
	CP	%	CP	%	CP	%	CP	%	CP	%
<b>First year</b>	-	-	2.45	5%	2.45	5%	2.45	5%	7.35	15%
<b>Second Year</b>	2.45	5%	2.45	5%	2.45	5%	2.45	5%	9.8	20%
<b>Third Year</b>	3.45	7%	4.9	10%	3.45	7%	2.45	5%	14.25	29%
<b>Fourth Year</b>	3.9	8%	7.35	15%	3.9	8%	2.45	5%	17.6	36%
<b>Total</b>	<b>9.8</b>	<b>20%</b>	<b>17.15</b>	<b>35%</b>	<b>12.25</b>	<b>25%</b>	<b>9.8</b>	<b>20%</b>	<b>49</b>	<b>100%</b>



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## Rotation / attendance proof

### الأماكن التي تدرب بها

توقيع مدير المستشفى	توقيع رئيس القسم	أسم المستشفى التي تدرب بها

## Requirements:

- **Credit points:** 9.5 credit points for didactic (lectures, seminars, tutorial) and 49 credit points for clinical training.
- **Each Credit point equal 10 hours in didactic teaching and 30 hours in clinical teaching.**
- **Minimal rate of attendance 80% of didactic and training.**



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## Course 7; Unit 1: Basic Andrology

### Requirements:

- **Credit points:** 1.42 credit points for didactic (lectures, seminars, tutorial).
- Minimal rate of attendance 80% of didactic.
- Formative assessment is according to departmental counsel and time schedules.
- Attendance of at least 80% of the Didactics seminars.
- Presentation of at least once in the seminar every 6 seminars.

## First year

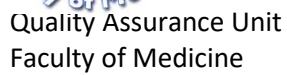
### Didactic Teaching

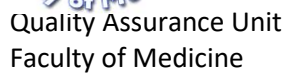
**(1.42 Credit points = 100% of didactic teaching of unit 1)**

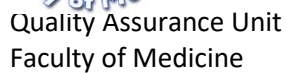
Name of the unit	Credit points	Responsible department	Attendance	Percentage of achieved points
	1.42		14 hours	100%
<b>Basic Andrology</b>	0.1CP	Dermatology, Venorology and Andrology department	<b>1 hour</b> <b>Embryology of male genital Tract</b> <ul style="list-style-type: none"> <li>Embryology of gonads (20 min).</li> <li>Embryology of internal genitalia (20 min).</li> <li>Embryology of external genitalia (20 min).</li> </ul>	<b>7% of didactics unit</b>
	0.25CP		<b>2.5 hours</b> <b>Anatomy of male genital tract</b> <ul style="list-style-type: none"> <li>Anatomy of gonads (30 min).</li> <li>Anatomy of internal genitalia (60 min).</li> <li>Anatomy of external genitalia (60 min).</li> </ul>	<b>17.6% of didactics unit</b>
	0.3CP		<b>3 hours</b> <b>Physiology of reproduction</b> <ul style="list-style-type: none"> <li>Physiology of spermatogenesis (60 min).</li> <li>Physiology of spermiogenesis (60 min).</li> <li>Physiology of epididymis and male accessory glands (60 min).</li> </ul>	<b>21.1% of didactics unit</b>
	0.2CP		<b>2 hours</b> <b>Physiology of sex response cycle</b> <ul style="list-style-type: none"> <li>Physiology of sex response cycle (40 min).</li> <li>Physiology of erection (40 min).</li> <li>Physiology of ejaculation (40 min).</li> </ul>	<b>14.1% of didactics unit</b>

	0.25CP		<b>2.5 hours</b> <b>Genetics and molecular biology of reproduction</b> ■ Normal karyotyping (45 min.) ■ DNA (45 min.). ■ Y chromosome (1 hour).	<b>17.6% of didactics unit</b>
	0.15CP		<b>1.5 hours</b> <b>Pathology of male genital tract</b> ■ Pathology of testicular tumors (30 min). ■ Pathology of epididymal tumors (30 min). ■ Pathology of skin lesions in genitalia (30 min).	<b>10.56% of didactics unit</b>
	0.12CP		<b>1.2 hours</b> <b>Biochemistry of seminal plasma</b> ■ Biochemistry of seminal plasma.	<b>8.45% of didactics unit</b>
	0.05CP		■ Formative assessment.	<b>3.52% of didactics unit</b>
<b>Student signature</b>	<b>Principle coordinator</b>		<b>Head of department</b>	

- Didactic hours include lectures, seminars, tutorials conferences or workshops.
- Attendance of at least 80% of the Didactics seminars.
- Presentation of at least once in the seminar every 6 seminars.

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## Course 7; Unit 2: General Andrology

### Requirements:

- **Credit points:** 0.95 credit points for didactic (lectures, seminars, tutorial) and 9.8CP for clinical training.
- Minimal rate of attendance 80% of didactics and clinical training.
- Formative assessment is according to departmental counsel and time schedules.
- Attendance of at least 80% of the Didactics seminars.
- Presentation of at least once in the seminar every 6 seminars.

## Second year

Didactic Teaching; 0.95 Credit point = 100% of didactics unit 2

Name of the unit	Credit points	Responsible department	Attendance	Percentage of achieved points
	0.95CP		9.5 hours	100%
<b>General andrology</b>	0.1CP	<b>Dermatology and andrology department</b>	<b>1 hour</b> <b>Congenital anomalies of male genital tract</b> <ul style="list-style-type: none"> <li>■ Congenital anomalies of testis: Cryptorchidism.</li> <li>■ Congenital absent vas.</li> <li>■ Congenital anomalies of urethra: Hypospadias and Epispadias.</li> <li>■ Congenital anomalies of penis.</li> </ul>	10.5% of didactics unit
	0.1CP		<b>1 hour</b> <b>Intersex</b> <ul style="list-style-type: none"> <li>■ Male pseudohermaphroditism.</li> <li>■ Female pseudohermaphroditism.</li> <li>■ True hermaphroditism.</li> </ul>	10.5% of didactics unit
	0.1CP		<b>1 hour</b> <b>Puberty disorders</b> <ul style="list-style-type: none"> <li>■ Delayed puberty (30 min).</li> <li>■ Precocious puberty (30 min).</li> </ul>	10.5% of didactics unit
			<b>1.5 hours</b> <b>Androgens</b>	

	0.15CP		<ul style="list-style-type: none"> <li>■ Biosynthesis and secretion.</li> <li>■ Metabolism.</li> <li>■ Control.</li> <li>■ Actions.</li> <li>■ Androgen therapy.</li> </ul>	15.8% of didactics unit
	0.1CP		<p style="text-align: center;"><b>1 hour</b></p> <p style="text-align: center;"><b>Male contraception</b></p> <ul style="list-style-type: none"> <li>■ Physiological.</li> <li>■ Mechanical.</li> <li>■ Chemical.</li> <li>■ Hormonal.</li> </ul>	10.5% of didactics unit
	0.1CP		<p style="text-align: center;"><b>1 hour</b></p> <p style="text-align: center;"><b>Gynecomastia</b></p> <ul style="list-style-type: none"> <li>■ Classification and aetiology.</li> <li>■ Management of gynecomastia.</li> </ul>	10.5% of didactics unit
	0.05CP		<p style="text-align: center;"><b>30 min</b></p> <p style="text-align: center;"><b>Andropause</b></p> <ul style="list-style-type: none"> <li>■ Pathogenesis.</li> <li>■ Management.</li> </ul>	5.25% of didactics unit
	0.2CP		<p style="text-align: center;"><b>2 hours</b></p> <p style="text-align: center;"><b>Male genital inflammations</b></p> <ul style="list-style-type: none"> <li>■ Orchitis.</li> <li>■ Epidiymo-orchitis.</li> <li>■ Epididymitis.</li> <li>■ Prostatitis.</li> <li>■ Prostato-seminal vesiculitis.</li> <li>■ Balanitis.</li> <li>■ Posthetitis.</li> </ul>	21% of didactics unit
	0.05CP		<p style="text-align: center;"><b>30 min</b></p> <p style="text-align: center;"><b>Scrotal swelling</b></p> <ul style="list-style-type: none"> <li>■ Elephntiasis.</li> <li>■ Hydrocele.</li> <li>■ Haematocele.</li> <li>■ Chylocele.</li> <li>■ Hernia.</li> </ul>	5.25% of didactics unit



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<b>Student signature</b>	<b>Principle coordinator signature</b>	<b>Head of department signature</b>

- Didactic hours include lectures, seminars, tutorials conferences or workshops.
- Attendance of at least 80% of the Didactics seminars.
- Presentation of at least once in the seminar every 6 seminars.

**Second year**  
**Clinical training; 2.45 CP = 25% of training unit**

Clinical Training	Credit points	Responsible department	Attendance	Percent ages of achieved points
	2.45CP			100%
<b>General andrology</b>	<b>0.6CP</b>	Dermatology and andrology department	<ul style="list-style-type: none"> <li>■ Practice with clinical cases for at least 5 months in the department including interpretation of their different andrological problems and related laboratory investigations including fulfilling;</li> <li>■ Log of andrological cases as mentioned below.</li> <li>■ Procedures and clinical skills log as mentioned below.</li> </ul>	24.5% of unit training in year2
	<b>0.6CP</b>		■ Attendance of at least 8 weeks in the Outpatient andrology clinic and lab (2.5 hours /day).	24.5% of unit training in year2
	<b>0.4CP</b>		■ Attendance of at least 50% of clinical rounds of andrology (1 hour /week for 8 weeks).	16.3% of unit training in year2
	<b>0.4CP</b>		■ Attendance of Clinical teaching and consultation of staff members in management of cases (1hour /week for 8 weeks)	16.3% of unit training in year2
	<b>0.2CP</b>		■ Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 8 week.	8.2% of unit training in year2
	<b>0.25CP</b>		■ Formative assessment.	10.2%
<b>Student signature</b>		<b>Principle coordinator signature</b>		<b>Head of department signature</b>

## Management plan of the following case log

Case	Number
<b>General andrology</b>	
Management plan of Epididymo-orchitis.	At least 5
Management plan of prostatitis.	At least 10
Management plan of Undescended testis.	At least 3

### Level of competence:

- The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).
  - A -Plan and carry out independently
  - B- Carry out independently.
  - C - Carry out under supervisions.

### Procedure and clinical skills log of:

Independently Perform:	Order and interpret:
<ul style="list-style-type: none"> <li>History Taking.</li> <li>General Examination.</li> <li>Genital examination.</li> <li>Treatment chart.</li> <li>Consultation of other subspecialties.</li> <li>Electro cautery.</li> <li>Chemical cautery.</li> <li>Intracorporal injection.</li> <li>Expressed prostatic secretion analysis.</li> <li>Semen analysis.</li> </ul>	<ul style="list-style-type: none"> <li>Routine laboratory investigations.</li> <li>Specific investigation and findings of reports related to case log.</li> </ul>



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**Third year**  
**Clinical training 3.45 Points = 35% of training unit)**

Clinical Training	Credit points	Responsible department	Attendance	Percentages of achieved points
	3.45C P			100%
<b>General andrology</b>	<b>0.95</b>	Dermatology and andrology department	<ul style="list-style-type: none"> <li>Practice with clinical cases for at least 5 months in the department including interpretation of their different andrological problems and related laboratory investigations including fulfilling;.</li> <li>Log of andrological cases as mentioned below.</li> <li>Procedures and clinical skills log as mentioned below.</li> </ul>	<b>27.5% of unit training in year3</b>
	<b>0.95</b>		<ul style="list-style-type: none"> <li>Attendance of at least 30 weeks in the Outpatient andrology clinic and lab (3 hours /day).</li> </ul>	<b>27.5% of unit training in year3</b>
	<b>0.7</b>		<ul style="list-style-type: none"> <li>Attendance of at least 50% of clinical rounds of andrology (2 hours /week for 30 weeks).</li> </ul>	<b>20.3% of unit training in year3</b>
	<b>0.35</b>		<ul style="list-style-type: none"> <li>Attendance of Clinical teaching and consultation of staff members in management of cases (1hour /week for 30 weeks)</li> </ul>	<b>10.1% of unit training in year3</b>
	<b>0.25</b>		<ul style="list-style-type: none"> <li>Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 30 week.</li> </ul>	<b>7.2% of unit training in year3</b>
	<b>0.25</b>		<ul style="list-style-type: none"> <li>Formative assessment.</li> </ul>	<b>7.2% of unit training in year3</b>
<b>Student signature</b>		<b>Principle coordinator signature</b>		<b>Head of department signature</b>

## Management plan of the following case log

Case	Number
<b>General andrology</b>	
Management plan of Epididymo-orchitis.	At least 5
Management plan of prostatitis.	At least 5
Management plan of Undescended testis	At least 3
Management plan of delayed puberty.	At least 5
Management plan of precocious puberty.	At least 1
Management plan of intersex.	At least 1

### Level of competence:

- The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

A- Plan and carry out independently

B- Carry out independently.

C- Carry out under supervisions.

### Procedure and clinical skills log of:

Independently Perform:	Order and interpret:
<ul style="list-style-type: none"> <li>History Taking.</li> <li>General Examination.</li> <li>Genital examination.</li> <li>Treatment chart.</li> <li>Consultation of other subspecialties.</li> <li>Electro cautery.</li> <li>Chemical cautery.</li> <li>Intracorporal injection.</li> <li>Expressed prostatic secretion analysis.</li> <li>Semen analysis.</li> </ul>	<ul style="list-style-type: none"> <li>Routine laboratory investigations.</li> <li>Specific investigation and findings of reports related to case log.</li> </ul>



**Fourth year**  
**Clinical training 3.9 Points = 40% of training unit)**

Clinical Training	Credit points	Responsible department	Attendance	Percentage s of achieved points
	3.9CP			100%
<b>General andrology</b>	<b>1</b>	Dermatology and andrology department	<ul style="list-style-type: none"> <li>■ Practice with clinical cases for at least 5 months in the department including interpretation of their different andrological problems and related laboratory investigations including fulfilling;</li> <li>■ Log of andrological cases as mentioned below.</li> <li>■ Procedures and clinical skills log as mentioned below.</li> </ul>	25.6% of unit training in year4
	<b>1</b>		■ Attendance of at least 10 weeks in the Outpatient andrology clinic and lab (3 hours /day).	25.6% of unit training in year4
	<b>0.9</b>		■ Attendance of at least 50% of clinical rounds of andrology (2 hours /week for 14 weeks).	23.1% of unit training in year4
	<b>0.5</b>		■ Attendance of Clinical teaching and consultation of staff members in management of cases (1hour /week for 15 weeks)	12.8% of unit training in year4
	<b>0.25</b>		■ Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 4 week.	6.3% of unit training in year4
	<b>0.25</b>		■ Formative assessment.	6.3% of unit training in year4
<b>Student signature</b>			<b>Principle coordinator signature</b>	<b>Head of department signature</b>

## Management plan of the following case log

Case	Number
<b>General andrology</b>	
Management plan of Epididymo-orchitis.	At least 5
Management plan of prostatitis.	At least 5
Management plan of Undescended testis	At least 3
Management plan of delayed puberty.	At least 5
Management plan of precocious puberty.	At least 1
Management plan of intersex.	At least 1

### Level of competence:

- The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

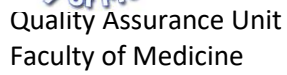
A- Plan and carry out independently

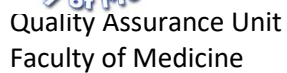
B- Carry out independently.

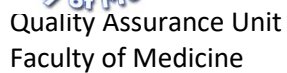
C- Carry out under supervisions.

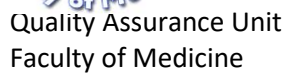
### Procedure and clinical skills log of:

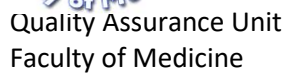
Independently Perform:	Order and interpret:
<ul style="list-style-type: none"> <li>History Taking.</li> <li>General Examination.</li> <li>Genital examination.</li> <li>Treatment chart.</li> <li>Consultation of other subspecialties.</li> <li>Electro cautery.</li> <li>Chemical cautery.</li> <li>Intracorporal injection.</li> <li>Expressed prostatic secretion analysis.</li> <li>Semen analysis.</li> </ul>	<ul style="list-style-type: none"> <li>Routine laboratory investigations.</li> <li>Specific investigation and findings of reports related to case log.</li> </ul>

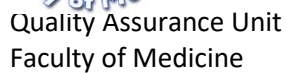
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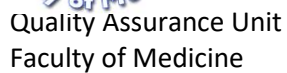
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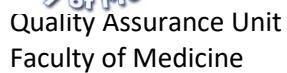
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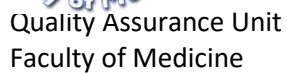
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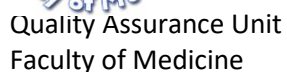
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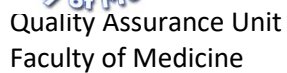


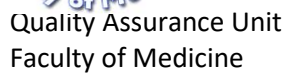
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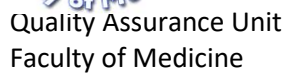
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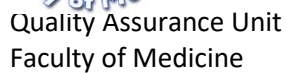
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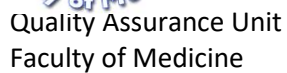
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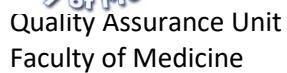
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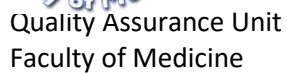
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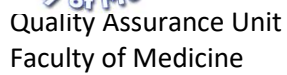
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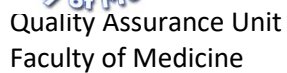


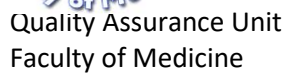
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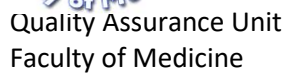
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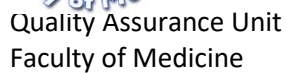
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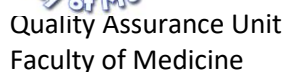
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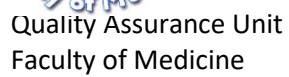
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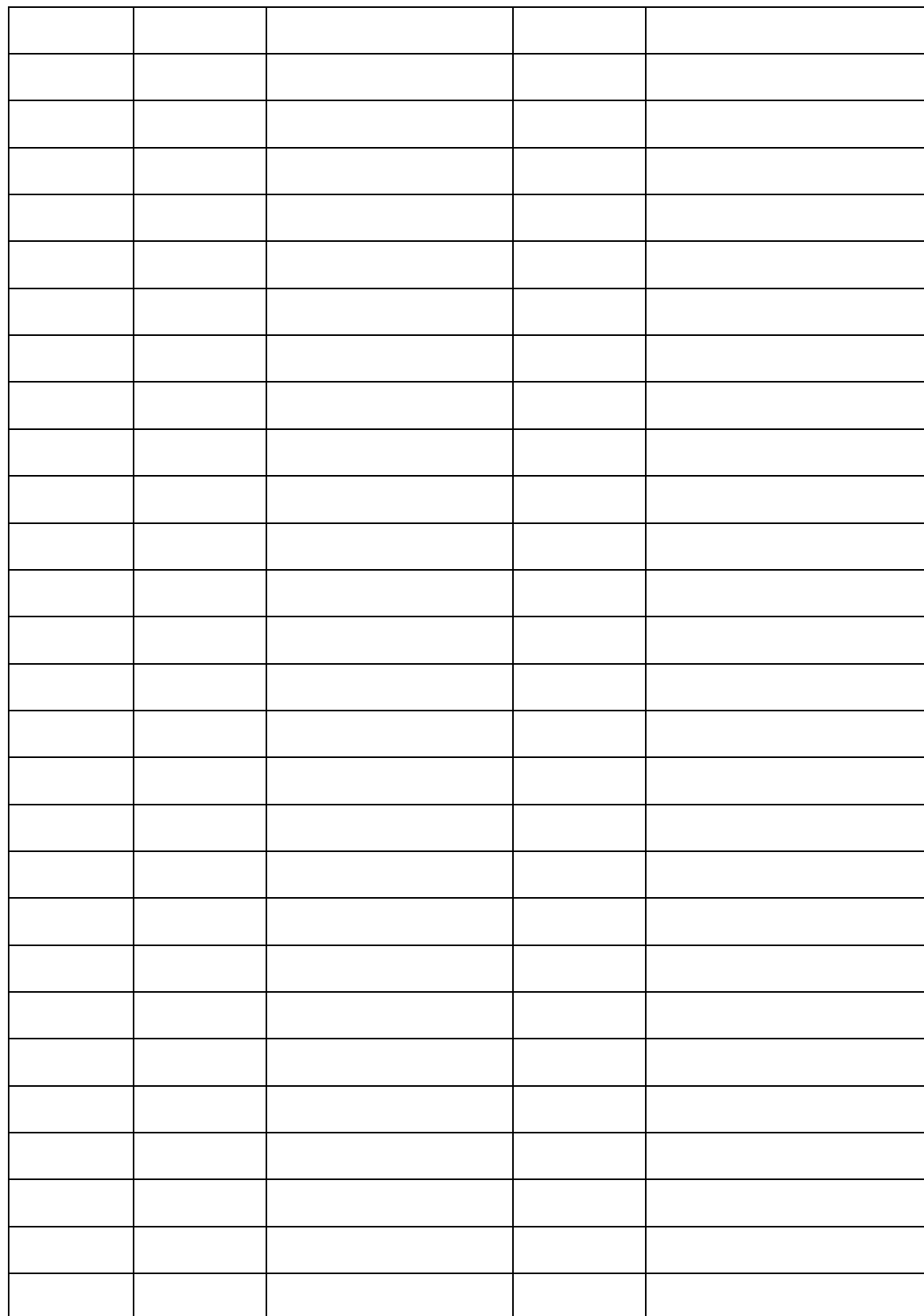
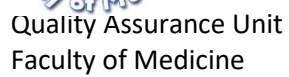
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Minimum of 50 case histories are to be clerked before appearing for the final examination.



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## Andrology surgical procedures log

### 1- TESTICULAR BIOPSY

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
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- Level: 1= Observe      2= Participate      3= Perform
- Minimum of 20 above special procedures are to be observed prior to appearing of exams



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## 2- VARICOCELECTOMY

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
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- Level: 1= Observe    2= Participate    3= Perform
- Minimum of 20 above special procedures are to be observed prior to appearing of exams



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### 3- EPIDIDYMOVASOSTOMY

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			

Minimum of 6 above special procedures are to be observed prior to appearing of exams

### PENILE PROTHESIS4-

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			

Minimum of 5 above special procedures are to be observed prior to appearing of exams



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## ANDROLOGY SPECIAL PROCEDURES

### 1- INTRACORPOREAL INJECTION

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
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20.			

- Level: 1= Observe    2= Participate    3= Perform
- Minimum of 20 above special procedures are to be observed prior to appearing of exams





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## 2- EPS Level

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
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3.			
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6.			
7.			
8.			
9.			
10.			

- Level: 1= Observe    2= Participate    3= Perform
- Minimum of 10 above special procedures are to be participated or performed prior to appearing of exams

## 3- GENITAL WARTS CAUTERY

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

Minimum of 10 above special procedures are to be performed prior to appearing of exams.



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#### 4- Semen analysis

SR. NO.	DATE	Level	I.P.NO.	REMARKS SIGNATURE OF SUPERVISOR
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R. NO.	DATE	Level	I.P.NO.	REMARKS SIGNATURE OF SUPERVISOR
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Minimum of 50 semen analyses are to be performed before appearing for the final examination.



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### 5- IMAGING REPORTS

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
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- Minimum of 30 above special procedures are to interpreted be prior to appearing of exams.



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## SERVING SCIENTIFIC ACTIVITY

SR. NO.	DATE	TOPIC	SIGNATURE OF SUPERVISOR
1.			
2.			
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5.			
6.			
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8.			
9.			
10.			

- A minimum of 10 activities is mandatory prior to examination.

## JOURNAL CLUB PRESENTATION

SR. NO.	DATE	TOPIC	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			

- A minimum of 5 presentations is mandatory prior to examination



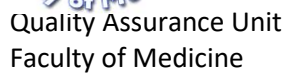
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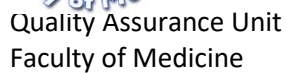


## CASE PRESENTATION

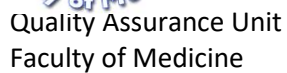
SR. NO.	DATE	TOPIC	REMARKS SIGNATURE OF SUPERVISOR
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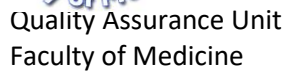
- A minimum of 10 presentations is mandatory prior to examination

199

200

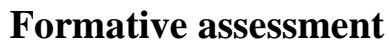
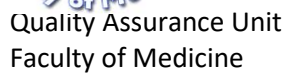


201

Degree\*

A- Excellent  
B- Very good  
C- Good

## D- Pass

203



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## 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) (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"> <li>• <u>Present</u> a case.</li> <li>• <u>Write</u> a consultation note.</li> <li>• <u>Inform patients</u> of a diagnosis and therapeutic plan Completing and maintaining comprehensive.</li> <li>• Timely and legible <u>medical records</u>.</li> <li>• Teamwork skills.</li> </ul>								



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General skills	could not judge (0)	strongly disagree(1)	<div>↩</div> <div>(2 )   (3)</div>		<div>↩</div> <div>(4 )   (5)</div>		<div>↩</div> <div>(6)</div>		strongly agree (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.									



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General skills	could not judge (0)	strongly disagree(1)	 (2 )    (3)		 (4 )    (5)		 (6)    (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								



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## Course 7; Unit 3: Infertility and ART

### Requirements:

- **Credit points:** 2.32 credit points for didactic (lectures, seminars, tutorial) and 17.15CP for clinical training.
- Minimal rate of attendance 80% of didactics and clinical training.
- Formative assessment is according to departmental counsel and time schedules.
- Attendance of at least 80% of the Didactics seminars.
- Presentation of at least once in the seminar every 6 seminars.





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### First year

#### Clinical Training; 2.45 Credit Point = 14.28% of training unit

Clinical Training	Credit points	Responsible department	Attendance	Percentages of achieved points
	2.45CP			100%
Infertility and ART	0.7CP	Dermatology venorology and andrology department	<ul style="list-style-type: none"> <li>Practice with clinical cases for at least 3 months in the department including interpretation of their different andrological problems and related laboratory investigations including fulfilling;</li> <li>Log of andrological cases as mentioned below.</li> <li>Procedures and clinical skills log as mentioned below.</li> </ul>	28.6% of unit training in year 1
	0.7CP		Attendance of at least 8 weeks in the Outpatient andrology clinic and lab (3 hours /day).	28.6% of unit training in year 1
	0.3CP		Attendance of at least 30% of clinical rounds consultation of andology cases (2 hours /week for 5 weeks).	12.2% of unit training in year 1
	0.3CP		Attendance of Clinical teaching and consultation of staff members in management of cases (1hour /week for 10 weeks)	12.2% of unit training in year 1
	0.3CP		Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 5 week.	12.2% of unit training in year 1
	0.15CP		Formative assessment.	6.1% of unit training in year 1
Student signature		Principle coordinator signature		Head of department signature



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### Management plan of the following case log

Case	Number
<b>Infertility</b>	
Management plan of varicocele.	At least 15
Management plan of Epididymo-orchitis.	At least 3

### Level of competence:

- The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

A- Plan and carry out independently

B- Carry out independently.

C- Carry out under supervisions.

### Procedure and clinical skills log of:

Independently Perform:	Order and interpret:
<ul style="list-style-type: none"> <li>History Taking.</li> <li>General Examination.</li> <li>Genital examination.</li> <li>Treatment chart.</li> <li>Consultation of other subspecialties.</li> <li>Electro cautery.</li> <li>Chemical cautery.</li> <li>Intracorporal injection.</li> <li>Expressed prostatic secretion analysis.</li> <li>Semen analysis.</li> </ul>	<ul style="list-style-type: none"> <li>Routine laboratory investigations.</li> <li>Specific investigation and findings of reports related to case log.</li> </ul>

## Second year

**Didactic Teaching; 0.92 credit points =39.7% of didactics unit**

Name of the unit	Credit points	Responsible department	Attendance	Percentage of achieved points
	0.92CP			27.58%
<b>Infertility and ART;</b>  <b>Male infertility</b>	0.05	Dermatology venorology and andrology department	<b>30 min</b> <b>Introduction</b> <ul style="list-style-type: none"> <li>■ Definitions.</li> <li>■ Incidence.</li> <li>■ Etiological classification.</li> </ul>	2.1% of didactics unit
	0.05		<b>30 min</b> <b>Kallman syndrome</b>	2.1% of didactics unit
	0.05		<b>30 min</b> <b>Prader- Labhart Willi syndrome</b>	2.1% of didactics unit
	0.05		<b>30 min</b> <b>Bardet Moon Biedl syndrome</b>	2.1% of didactics unit
	0.1		<b>1 hour</b> <b>Hyperprolactinaemia</b>	4.3% of didactics unit
	0.075		<b>45 min</b> <b>Y- Chromosome microdeletions</b>	3.2% of didactics unit
	0.05		<b>30 min</b> <b>Other pretesticular causes</b>	2.1% of didactics unit
	0.25		<b>2.5 hours</b> <b>Varicocele</b>	10.8% of didactics unit
	0.05		<b>30 min</b> <b>Testicular Torsion</b>	2.1% of didactics unit
	0.1		<b>1 hour</b> <b>Klinefelters syndrome</b>	4.3% of didactics unit
	0.05		<b>30 min</b> <b>Noonan Syndrome</b>	2.1% of didactics unit
	0.05		<b>30 min</b> <b>Other Testicular disorders</b>	2.1% of didactics unit
<b>Student signature</b>			<b>Principle coordinator signature</b>	<b>Head of department signature</b>



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## Second year

**Clinical training; 2.45 Credit Points=14.28% of training unit**

Clinical Training	Credit points	Responsible department	Attendance	Percentages of achieved points
	2.45CP			100%
Infertility and ART	0.7CP	Dermatology venorology and andrology department	<ul style="list-style-type: none"> <li>Practice with clinical cases for at least 3 months in the department including interpretation of their different andrological problems and related laboratory investigations including fulfilling;</li> <li>Log of andrological cases as mentioned below.</li> <li>Procedures and clinical skills log as mentioned below.</li> </ul>	28.6% of unit training in year 2
	0.7CP		<ul style="list-style-type: none"> <li>Attendance of at least 8 weeks in the Outpatient andrology clinic and lab (3 hours /day).</li> </ul>	28.6% of unit training in year2
	0.3CP		<ul style="list-style-type: none"> <li>Attendance of at least 30% of clinical rounds consultation of andology cases (2 hours /week for 5 weeks).</li> </ul>	12.2% of unit training in year 2
	0.3CP		<ul style="list-style-type: none"> <li>Attendance of Clinical teaching and consultation of staff members in management of cases (1hour /week for 10 weeks)</li> </ul>	12.2% of unit training in year 2
	0.3CP		<ul style="list-style-type: none"> <li>Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 5 week.</li> </ul>	12.2% of unit training in year 2
	0.15CP		<ul style="list-style-type: none"> <li>Formative assessment.</li> </ul>	6.1% of unit training in year 2
Student signature		Principle coordinator signature		Head of department signature

## Management plan of the following case log

Case	Number
<b>Infertility</b>	
Management plan of varicocele.	At least 20
Management plan of Klinefelters syndrome.	At least 3
Management plan of Kallman syndrome.	At least 1
Management plan of testicular torsion.	At least 1
Management plan of retractile testes.	At least 2

### Level of competence:

- The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

A -Plan and carry out independently

B- Carry out independently.

C - Carry out under supervisions.

### Procedure and clinical skills log of:

Independently Perform:	Order and interpret:
<ul style="list-style-type: none"> <li>History Taking.</li> <li>General Examination.</li> <li>Genital examination.</li> <li>Treatment chart.</li> <li>Consultation of other subspecialties.</li> <li>Electro cautery.</li> <li>Chemical cautery.</li> <li>Intracorporal injection.</li> <li>Expressed prostatic secretion analysis.</li> <li>Semen analysis.</li> </ul>	<ul style="list-style-type: none"> <li>Routine laboratory investigations.</li> <li>Specific investigation and findings of reports related to case log.</li> </ul>

### Third year

**Didactic Teaching; 0.95Credit Points =40.9 % of didactics unit)**

Name of the Unit	Credit points	Responsible department	Attendance	Percentages of achieved points
	0.95			40.9%
Infertility and ART	0.2	Dermatology , venerology and andrology department	2 hours Obstructive infertility	8.6% of didactics unit)
	0.05		30 min Ejaculatory and coital infertility	2.15% of didactics unit
	0.1		1 hour Androgens resistance syndromes	4.3% of didactics unit)
	0.1		1 hour 5α-reductase 2 deficiency	4.3% of didactics unit)
	0.05		30 min Other Post-Testicular causes	2.15% of didactics unit)
	0.1	Dermatology , venerology and andrology department	1 hour Immunological Infertility	4.3% of didactics unit)
	0.1		1 hour Infection and infertility	4.3% of didactics unit)
	0.05		30 min Drugs and environmental causes of male infertility	2.15% of didactics unit)
	0.05		30 min Systemic diseases and infertility	2.15% of didactics unit)
	0.15		1.5 hours Diagnosis of male infertility	6.47% of didactics unit)
Student signature		Principle coordinator signature		Head of department signature

### Third year

**Clinical training= 4.9 credit Points = 28.6% of training unit**

Clinical Training	Credit points	Responsible department	Attendance	Percentage s of achieved points
	4.9CP			100%
Infertility and ART	1.36CP	Dermatology , venerology and andrology department	<ul style="list-style-type: none"> <li>Practice with clinical cases for at least 5 months in the department including interpretation of their different andrological problems and related laboratory investigations including fulfilling;</li> <li>Log of andrological cases as mentioned below.</li> <li>Procedures and clinical skills log as mentioned below.</li> </ul>	27.8% of training unit in year 3
	1.36CP		<ul style="list-style-type: none"> <li>Attendance of at least 14 weeks in the Outpatient andrology clinic and lab (3 hours /day).</li> </ul>	27.8% of training unit in year 3
	0.9 CP		<ul style="list-style-type: none"> <li>Attendance of at least 50% of clinical rounds of andrology (2 hours /week for 14 weeks).</li> </ul>	18.4% of training unit in year 3
	0.5 CP		<ul style="list-style-type: none"> <li>Attendance of Clinical teaching and consultation of staff members in management of cases (1hour /week for 15 weeks)</li> </ul>	10.2% of training unit in year 3
	0.33 CP		<ul style="list-style-type: none"> <li>Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 10 weeks.</li> </ul>	6.7% of training unit in year 3
	0.4 CP		<ul style="list-style-type: none"> <li>Formative assessment.</li> </ul>	8.16 of training unit in year 3
Student signature		Principle coordinator signature		Head of department signature

## Management plan of the following case log

Case	Number
<b>Infertility</b>	
Management plane of varicocele	At least 25
Management plan of Klinefelters syndrome.	At least 3
Management plan of Kallman syndrome.	At least 1
Management plan of retractile testes.	At least 2
Management plan of testicular torsion.	At least 1
Management plan of hypergonadotrophic hypogonadism.	At least 3
Management plan of hypogonadotrophic hypogonadism.	At least 3

### Level of competence:

- The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

A- Plan and carry out independently

B- Carry out independently.

C- Carry out under supervisions.

### Procedure and clinical skills log of:

Independently Perform:	Order and interpret:
<ul style="list-style-type: none"> <li>History Taking.</li> <li>General Examination.</li> <li>Genital examination.</li> <li>Treatment chart.</li> <li>Consultation of other subspecialties.</li> <li>Electro cautery.</li> <li>Chemical cautery.</li> <li>Intracorporal injection.</li> <li>Expressed prostatic secretion analysis.</li> <li>Semen analysis.</li> </ul>	<ul style="list-style-type: none"> <li>Routine laboratory investigations.</li> <li>Specific investigation and findings of reports related to case log.</li> </ul>





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## Fourth year

**Didactic Teaching; 0.45 Credit Points = 19.4% of Didactics unit**

Name of the unit	Credit points	Responsible department	Attendance	Percentages of achieved points
	0.45CP			19.4%
<b>Infertility and ART</b>	0.2	Dermatology, venerology and andrology	<b>2 hours</b> Medical Treatment of infertility	8.6% of didactics unit
	0.05		<b>30 min</b> Surgical treatment for male infertility	2.2% of didactics unit
	0.2		<b>2 hours</b> ART	8.6% of didactics unit
Student signature		Principle coordinator signature		Head of department signature

## Fourth year

**Clinical training; 7.35 Credit Points = 42.86% of training unit**

Clinical Training	Credit points	Responsible department	Attendance	Percentages of achieved points
	7.35CP			100%
Infertility and ART	1.5CP	Dermatology venerology and andrology department	<ul style="list-style-type: none"> <li>■ Practice with clinical cases for at least 5 months in the department including interpretation of their different andrological problems and related laboratory investigations including fulfilling;</li> <li>■ Log of andrological cases as mentioned below.</li> <li>■ Procedures and clinical skills log as mentioned below.</li> </ul>	20.4% of training in unit 4
	1.5		■ Attendance of at least 30 weeks in the Outpatient andrology clinic and lab (3 hours /day).	20.4% of training in unit 4
	1		■ Attendance of at least 50% of clinical rounds of andrology (2 hours /week for 30 weeks).	13.6% of training in unit 4
	0.5		■ Attendance of Clinical teaching and consultation of staff members in management of cases (1hour /week for 30 weeks)	6.8% of training in unit 4
	0.2		■ Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 30 week.	2.7 % of training in unit 4
	0.2		■ Formative assessment.	2.7 % of training in unit 4
Student signature		Principle coordinator signature		Head of department signature

## Management plan of the following case log

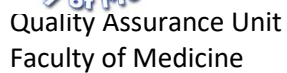
Case	Number
<b>Infertility</b>	
Management plane of varicocele	At least 30
Management plan of Klinefelters syndrome.	At least 3
Management plan of Kallman syndrome.	At least 1
Management plan of retractile testes.	At least 2
Management plan of testicular torsion.	At least 1
Management plan of hypergonadotrophic hypogonadism.	At least 5
Management plan of hypogonadotrophic hypogonadism.	At least 5

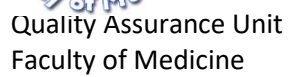
### Level of competence:

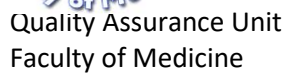
- The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).
  - A -Plan and carry out independently
  - B- Carry out independently.
  - C - Carry out under supervisions.

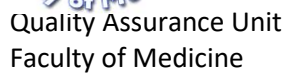
### Procedure and clinical skills log of:

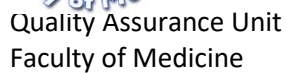
Independently Perform:	Order and interpret:
<ul style="list-style-type: none"> <li>History Taking.</li> <li>General Examination.</li> <li>Genital examination.</li> <li>Treatment chart.</li> <li>Consultation of other subspecialties.</li> <li>Electro cautery.</li> <li>Chemical cautery.</li> <li>Intracorporal injection.</li> <li>Expressed prostatic secretion analysis.</li> <li>Semen analysis.</li> </ul>	<ul style="list-style-type: none"> <li>Routine laboratory investigations.</li> <li>Specific investigation and findings of reports related to case log.</li> </ul>

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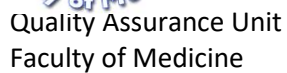
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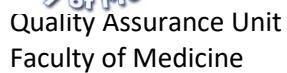
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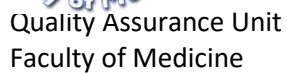
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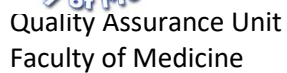
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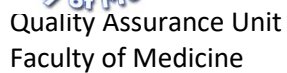


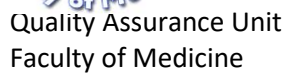
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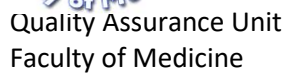
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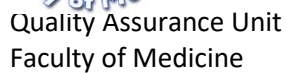
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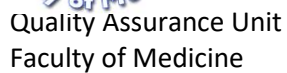
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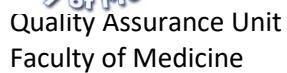
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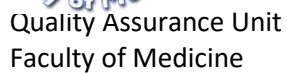
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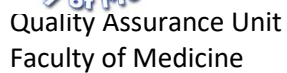
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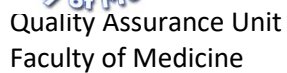


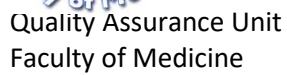
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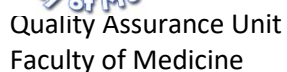
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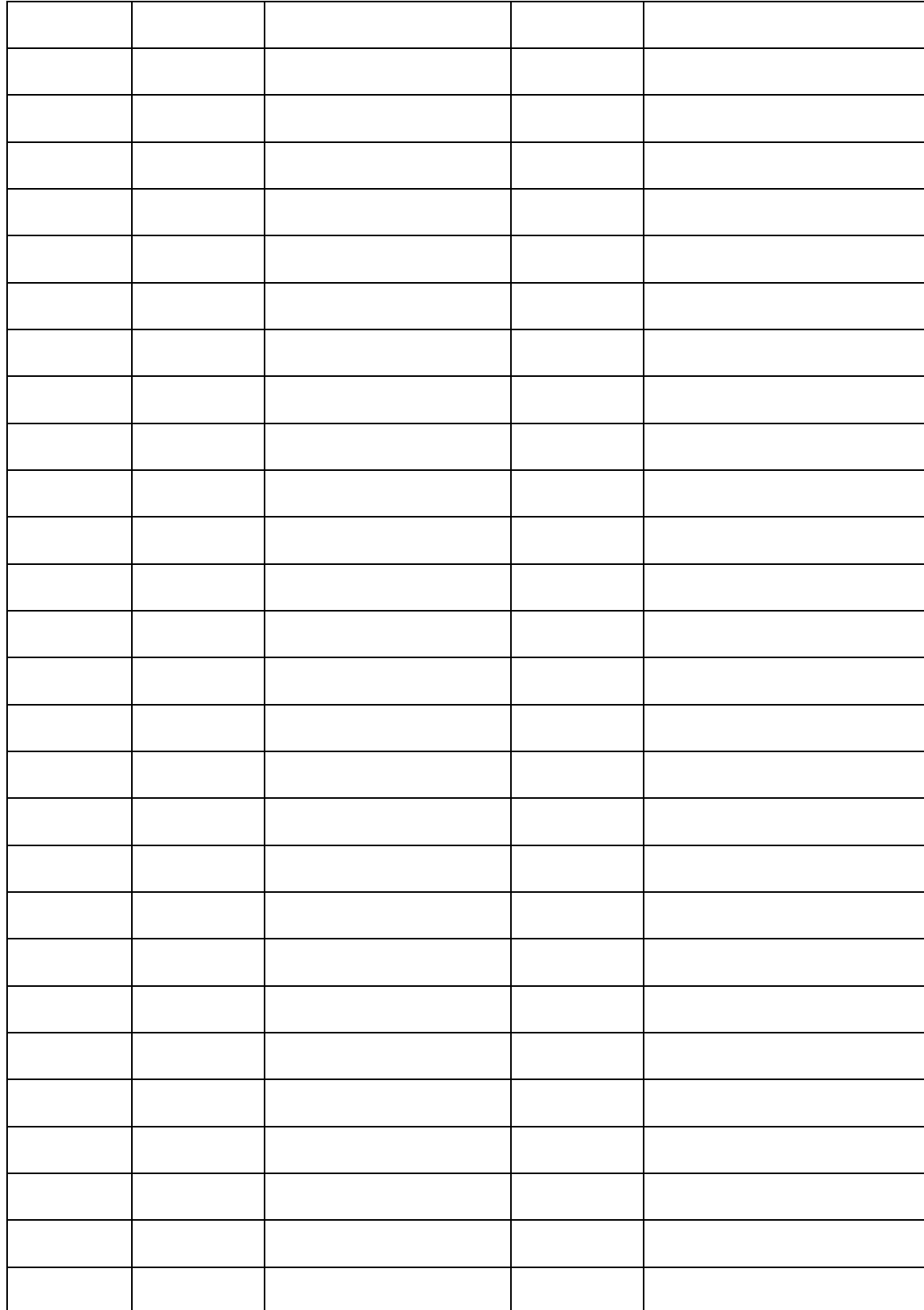
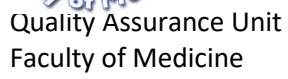
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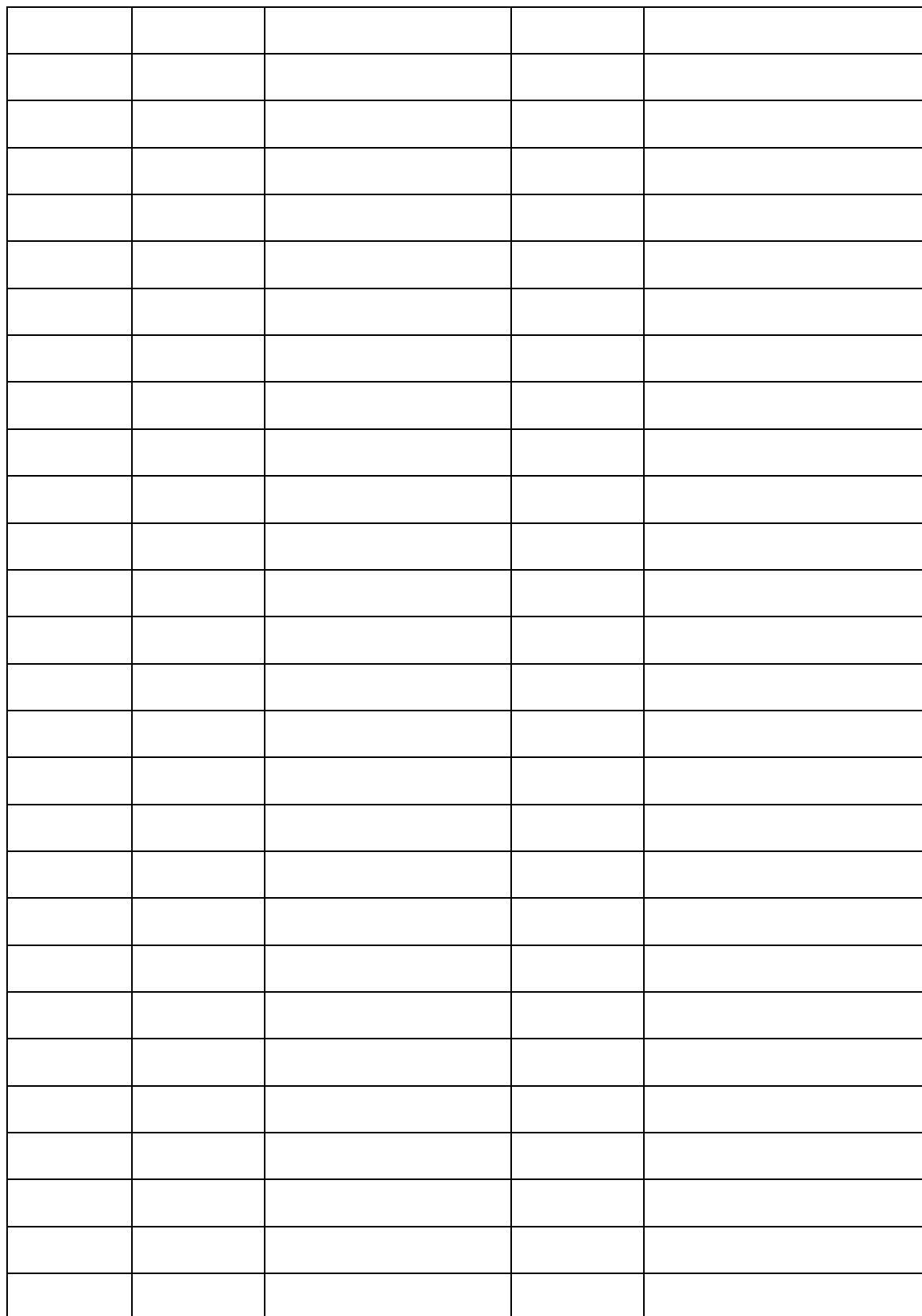
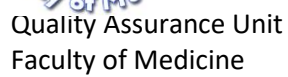
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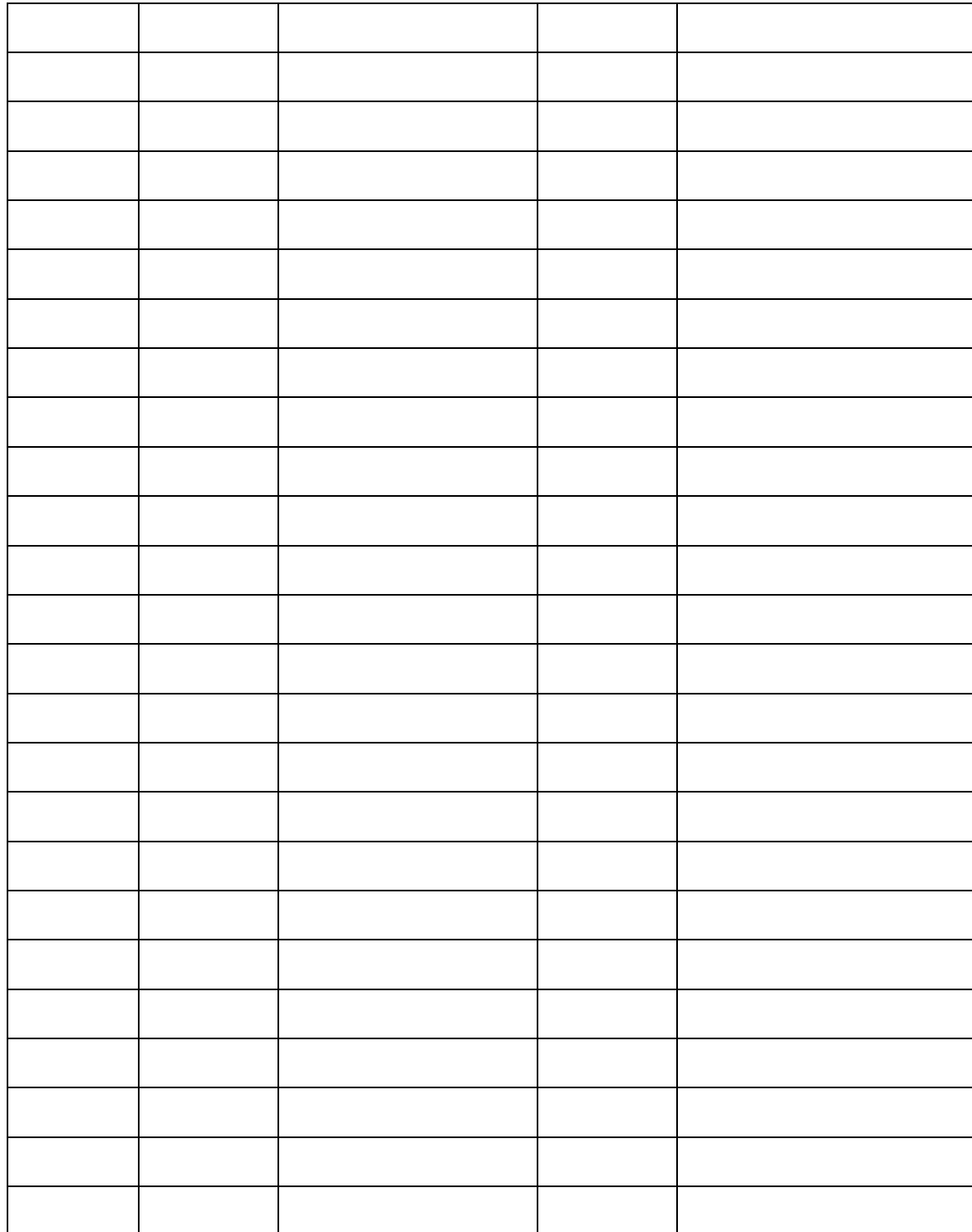
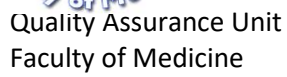
238

239









242



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## Andrology surgical procedures log

### 1- TESTICULAR BIOPSY

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
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17.			
18.			
19.			
20.			

- Level: 1= Observe    2= Participate    3= Perform
- Minimum of 20 above special procedures are to be observed prior to appearing of exams



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## 6- VARICOCELECTOMY

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
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20.			

- Level: 1= Observe    2= Participate    3= Perform
- Minimum of 20 above special procedures are to be observed prior to appearing of exams



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## 7- EPIDIDYMOVASOSTOMY

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			

Minimum of 6 above special procedures are to be observed prior to appearing of exams

## PENILE PROTHESIS4-

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			

Minimum of 5 above special procedures are to be observed prior to appearing of exams



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## ANDROLOGY SPECIAL PROCEDURES

### 1- INTRACORPOREAL INJECTION

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
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8.			
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14.			
15.			
16.			
17.			
18.			
19.			
20.			

- Level: 1= Observe    2= Participate    3= Perform
- Minimum of 20 above special procedures are to be observed prior to appearing of exams



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## 2- EPS Level

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

- Level: 1= Observe    2= Participate    3= Perform
- Minimum of 10 above special procedures are to be participated or performed prior to appearing of exams

## 3- GENITAL WARTS CAUTERY

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

Minimum of 10 above special procedures are to be performed prior to appearing of exams.



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## 8- Semen analysis

SR. NO.	DATE	Level	I.P.NO.	REMARKS SIGNATURE OF SUPERVISOR
1.				
2.				
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21.				
22.				





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SR. NO.	DATE	Level	I.P.NO.	REMARKS SIGNATURE OF SUPERVISOR
23.				
24.				
25.				
26.				
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28.				
29.				
30.				
31.				
32.				
33.				
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36.				
37.				
38.				
39.				
40.				
41.				
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43.				
44.				
45.				
46.				
47.				
48.				
49.				
50.				

Minimum of 50 semen analyses are to be performed before appearing for the final examination.



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## 9- IMAGING REPORTS

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
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25.			
26.			
27.			
28.			
29.			
30.			

- Minimum of 30 above special procedures are to interpreted be prior to appearing of exams.



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## SERVING SCIENTIFIC ACTIVITY

SR. NO.	DATE	TOPIC	SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

- A minimum of 10 activities is mandatory prior to examination.

## JOURNAL CLUB PRESENTATION

SR. NO.	DATE	TOPIC	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			

- A minimum of 5 presentations is mandatory prior to examination



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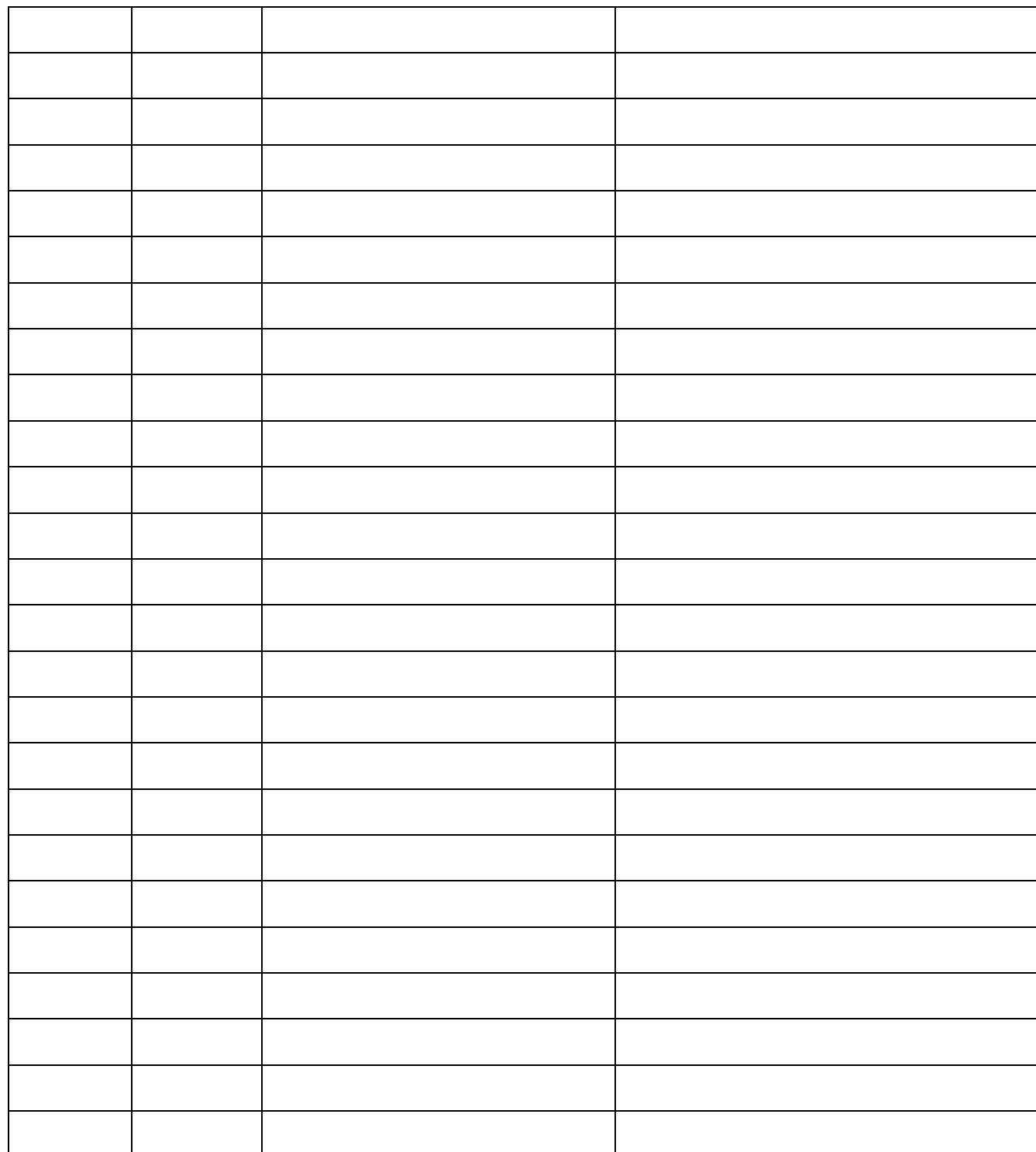
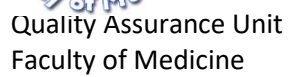
## CASE PRESENTATION

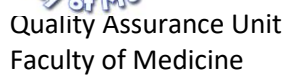
SR. NO.	DATE	TOPIC	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

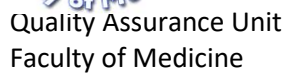
- A minimum of 10 presentations is mandatory prior to examination.

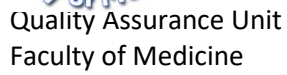
## Seminars log

SR. NO.	DATE	TOPIC	REMARKS SIGNATURE OF SUPERVISOR



254

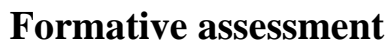
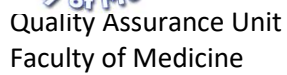
255

Degree\*

A- Excellent  
B- Very good  
C- Good

## D- Pass



[illegible]



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## 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</u> learning.						
Participate in clinical audit and research projects.						

General skills	could not judge (0)	strongly disagree(1)	↻ (2) (3)		↻ (4) (5)		↻ (6) (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"> <li>• <u>Present</u> a case.</li> <li>• <u>Write</u> a consultation note.</li> <li>• <u>Inform patients</u> of a diagnosis and therapeutic plan Completing and maintaining comprehensive.</li> <li>• Timely and legible <u>medical records</u>.</li> <li>• Teamwork skills.</li> </ul>								



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General skills	could not judge (0)	strongly disagree(1)	 (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.								



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General skills	could not judge (0)	strongly disagree(1)	<div>↩</div> <div>(2 )      (3)</div>		<div>↩</div> <div>(4 )      (5)</div>		<div>↩</div> <div>(6)</div>	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								



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## Course 7; Unit 4: sexology

### Requirements:

- **Credit points:** 1.85 credit points for didactic (lectures, seminars, tutorial) and 12.25CP for clinical training.
- Minimal rate of attendance 80% of didactics and training.
- Formative assessment is according to departmental counsel and time schedules.
- Attendance of at least 80% of the Didactics seminars.
- Presentation of at least once in the seminar every 6 seminars.



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### First year

**Clinical Training; 2.45 Credit Point = 20% of training unit**

Clinical Training	Credit points	Responsible department	Attendance	Percentages of achieved points
	2.45CP			100%
<b>Sexology</b>	0.7CP	Dermatology, venerology and andrology department	<ul style="list-style-type: none"> <li>Practice with clinical cases for at least 3 months in the department including interpretation of their different andrological problems and related laboratory investigations including fulfilling;</li> <li>Log of andrological cases as mentioned below.</li> <li>Procedures and clinical skills log as mentioned below.</li> </ul>	28.6% of unit training in year 1
	0.7CP		Attendance of at least 8 weeks in the Outpatient andrology clinic and lab (3 hours /day).	28.6% of unit training in year 1
	0.3CP		Attendance of at least 30% of clinical rounds consultation of andrology cases (2 hours /week for 5 weeks).	12.2% of unit training in year 1
	0.3CP		Attendance of Clinical teaching and consultation of staff members in management of cases (1hour /week for 10 weeks)	12.2% of unit training in year 1
	0.3CP		Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 5 week.	12.2% of unit training in year 1
	0.15CP		Formative assessment.	6.1% of unit training in year 1
Student signature		Principle coordinator signature		Head of department signature



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### Management plan of the following case log

Case	Number
<b>Sexology</b>	
Management plan of Erectile dysfunction	At least 20
Management plan of Premature ejaculation	At least 10

### Level of competence:

- The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

A- Plan and carry out independently

B- Carry out independently.

C- Carry out under supervisions.

### Procedure and clinical skills log of:

Independently Perform:	Order and interpret:
<ul style="list-style-type: none"> <li>History Taking.</li> <li>General Examination.</li> <li>Genital examination.</li> <li>Treatment chart.</li> <li>Consultation of other subspecialties.</li> <li>Electro cautery.</li> <li>Chemical cautery.</li> <li>Intracorporal injection.</li> <li>Expressed prostatic secretion analysis.</li> <li>Semen analysis.</li> </ul>	<ul style="list-style-type: none"> <li>Routine laboratory investigations.</li> <li>Specific investigation and findings of reports related to case log.</li> </ul>



## Second year

**Didactic Teaching; 0.6 credit points = 32.4% of didactics unit**

Name of the unit	Credit points	Responsible department	Attendance	Percentage of achieved points
	0.6CP			32.4%
Sexology	0.05CP	Dermatology, venerology and andrology department	30 min Introduction to sexology	8.3% of didactics unit
	0.1 CP		1 hour Disorders of libido	16.66% of didactics unit
	0.05 CP		30 min Introduction to ED	8.3% of didactics unit
	0.2 CP		2 hours Aetiology of ED	33.3% of didactics unit
	0.1 CP		1 hour Peyronies disease	16.66% of didactics unit
	0.1 CP		1 hour Priapism	16.66% of didactics unit
Student signature		Principle coordinator signature		Head of department signature

**Second year**  
**Clinical training; 2.45 CP= 20% of training unit**

Clinical Training	Credit points	Responsible department	Attendance	Percentages of achieved points
	2.45CP			100%
Sexology	0.6CP	Dermatology Venorology and andrology department	<ul style="list-style-type: none"> <li>Practice with clinical cases for at least 5 months in the department including interpretation of their different andrological problems and related laboratory investigations.</li> <li>Log of andrological cases as mentioned below.</li> <li>Procedures and clinical skills log as mentioned below.</li> </ul>	24.48% of training unit in year 2
	0.6		Attendance of at least 7 weeks in the Outpatient andrology clinic and lab (3 hours /day).	24.48% of training unit in year 2
	0.4		Attendance of at least 50% of clinical rounds of andrology (2 hours /week for 6 weeks).	16.3% of training unit in year 2
	0.4		Attendance of Clinical teaching (1hour /week for 6 weeks)	16.3% of training unit in year 2
	0.2		Attend or share in clinical teaching of medical colleagues (students or junior residents) 1.5 hours /week for 5 weeks.	8.16% of training unit in year 2
	0.25		Formative assessment.	10.2% of training unit in year 2
Student signature		Principle coordinator signature		Head of department signature

## Management plan of the following case log

Case	Number
<b>Sexology</b>	
At least 20	At least 20
At least 10	At least 10
At least 1	At least 1
At least 2	At least 2
At least 5	At least 5

### Level of competence:

- The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

A -Plan and carry out independently

B- Carry out independently.

C - Carry out under supervisions.

### Procedure and clinical skills log of:

Independently Perform:	Order and interpret:
<ul style="list-style-type: none"> <li>History Taking.</li> <li>General Examination.</li> <li>Genital examination.</li> <li>Treatment chart.</li> <li>Consultation of other subspecialties.</li> <li>Electro cautery.</li> <li>Chemical cautery.</li> <li>Intracorporal injection.</li> <li>Expressed prostatic secretion analysis.</li> <li>Semen analysis.</li> </ul>	<ul style="list-style-type: none"> <li>Routine laboratory investigations.</li> <li>Specific investigation and findings of reports related to case log.</li> </ul>

## Third year

**Didactic Teaching; 0.9 Credit Points=48.6% of didactics unit**

Name of the unit	Credit points	Responsible department	Attendance	Percentages of achieved points
	0.9CP			48.6%
<b>Sexology</b>	0.20	Dermatology, venerology and andrology department	<b>2 hours</b> Diagnosis of ED	10.8% of didactics unit
	0.25		<b>2.5 hours</b> Medical treatment of ED	13.5% of didactics unit
	0.1		<b>1 hour</b> Sex therapy for ED	5.4% of didactics unit
	0.05		<b>30 min</b> Surgical treatment of ED	2.7% of didactics unit
	0.05		<b>30 min</b> Gene Therapy	2.7% of didactics unit
	0.25		<b>2.5 hours</b> Ejaculatory disorders	13.5% of didactics unit
Student signature		Principle coordinator signature		Head of department signature

## Third year

### Clinical training; 3.45CP=28.16% of unit training

Clinical Training	Credit points	Responsible department	Attendance	Percentages of achieved points
	3.45CP			100%
<b>Sexology</b>	1CP	Dermatology venorolgy and andrology department	<ul style="list-style-type: none"> <li>■ Practice with clinical cases for at least 5 months in the department including interpretation of their different andrological problems and related laboratory investigations including fulfilling;</li> <li>■ Log of andrological cases as mentioned below.</li> <li>■ Procedures and clinical skills log as mentioned below.</li> </ul>	29% of unit training in year 3
	1CP		■ Attendance of at least 10 weeks in the Outpatient andrology clinic and lab (3 hours /day).	29% of unit training in year 3
	0.6		■ Attendance of at least 50% of clinical rounds of andrology (2 hours /week for 10 weeks).	17.4% of unit training in year 3
	0.35		■ Attendance of Clinical teaching and consultation of staff members in management of cases (1hour /week for 12 weeks)	10% of unit training in year 3
	0.25		■ Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 8 weeks.	7.2% of unit training in year 3
	0.25CP		■ Formative assessment.	7.2% of unit training in year 3
<b>Student signature</b>		<b>Principle coordinator signature</b>		<b>Head of department signature</b>



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### Management plan of the following case log

Case	Number
<b>Sexology</b>	
Management plan of Erectile dysfunction	At least 25
Management plan of Premature ejaculation	At least 25
Management plan of peyronies disease.	At least 2
Management plan of priapism.	At least 4
Management plan of hypoactive sexual desire (HSD).	At least 3
Management plan of Vaginismus.	At least 2
Management plan of dyspareunia.	At least 2
Management plan of anejaculation.	At least 5
Management plan of retrograde ejaculation.	At least 2
Management plan of dexual deviations	At least 3
Management plan of tras-sexualism.	At least 1

### Level of competence:

- The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

A- Plan and carry out independently

B- Carry out independently.

C- Carry out under supervisions.

### Procedure and clinical skills log of:

Independently Perform:	Order and interpret:
<ul style="list-style-type: none"> <li>History Taking.</li> <li>General Examination.</li> <li>Genital examination.</li> <li>Treatment chart.</li> <li>Consultation of other subspecialties.</li> <li>Electro cautery.</li> <li>Chemical cautery.</li> <li>Intracorporal injection.</li> <li>Expressed prostatic secretion analysis.</li> <li>Semen analysis.</li> </ul>	<ul style="list-style-type: none"> <li>Routine laboratory investigations.</li> <li>Specific investigation and findings of reports related to case log.</li> </ul>



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**Fourth year**  
**Didactic Teaching; 0.35CP=18.9% of didactics unit**

Name of the Unit	Credit points	Responsible department	Attendance	Percentages of achieved points
	0.35CP			18.9%
<b>Sexology</b>	0.2	Dermatology venorolgy and andrology department	2 hours Female sexual dysfunction	10.8% of didactics unit
	0.15		1.5 hours Sexual deviations	8.1% of didactics unit
<b>Student signature</b>		<b>Principle coordinator signature</b>		<b>Head of department signature</b>

## Fourth year

### Clinical training; 3.9 Credit Points = 31.8% of unit training

Clinical Training	Credit points	Responsible department	Attendance	Percentages of achieved points
	<b>3.9CP</b>			<b>100%</b>
Sexology	1CP	Dermatology and andrology department	<ul style="list-style-type: none"> <li>Practice with clinical cases for at least 5 months in the department including interpretation of their different andrological problems and related laboratory investigation. including fulfilling;</li> <li>Log of andrological cases as mentioned below.</li> <li>Procedures and clinical skills log as mentioned below.</li> </ul>	25.6% of unit training in year4
	1CP		<ul style="list-style-type: none"> <li>Attendance of at least 10 weeks in the Outpatient andrology clinic and lab (3 hours /day).</li> </ul>	25.6% of unit training in year 4
	0.7CP		<ul style="list-style-type: none"> <li>Attendance of at least 50% of clinical rounds of andrology (2 hours /week for 11 weeks).</li> </ul>	17.9% of unit training in year 4
	0.75CP		<ul style="list-style-type: none"> <li>Attendance of Clinical teaching and consultation of staff members in management of cases (1hour /week for 25 weeks)</li> </ul>	19.2% of unit training in year 4
	0.25CP		<ul style="list-style-type: none"> <li>Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 8 week.</li> </ul>	6.4% of unit training in year 4
	0.2CP		<ul style="list-style-type: none"> <li>Formative assessment.</li> </ul>	5.1% of unit training in year 4
Student signature		Principle coordinator signature		Head of department signature



### Management plan of the following case log

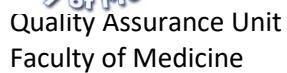
Case	Number
<b>Sexology</b>	
Management plan of Erectile dysfunction	At least 30
Management plan of Premature ejaculation	At least 30
Management plan of peyronies disease.	At least 2
Management plan of priapism.	At least 4
Management plan of hypoactive sexual desire (HSD).	At least 10
Management plan of Vaginismus.	At least 2
Management plan of dyspareunia.	At least 2
Management plan of anejaculation.	At least 5
Management plan of retrograde ejaculation.	At least 2
Management plan of dexual deviations	At least 3
Management plan of tras-sexualism.	At least 1

### Level of competence:

- The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).
  - A -Plan and carry out independently
  - B- Carry out independently.
  - C - Carry out under supervisions.

### Procedure and clinical skills log of:

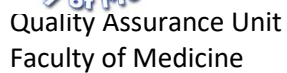
Independently Perform:	Order and interpret:
<ul style="list-style-type: none"> <li>History Taking.</li> <li>General Examination.</li> <li>Genital examination.</li> <li>Treatment chart.</li> <li>Consultation of other subspecialties.</li> <li>Electro cautery.</li> <li>Chemical cautery.</li> <li>Intracorporal injection.</li> <li>Expressed prostatic secretion analysis.</li> <li>Semen analysis.</li> </ul>	<ul style="list-style-type: none"> <li>Routine laboratory investigations.</li> <li>Specific investigation and findings of reports related to case log.</li> </ul>

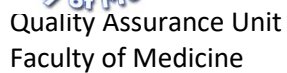
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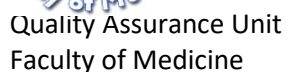


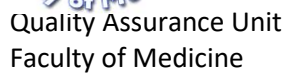
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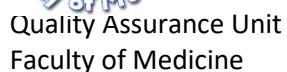



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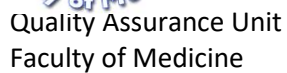
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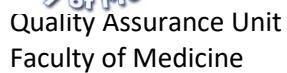
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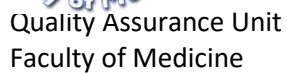
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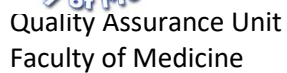
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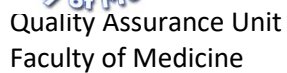


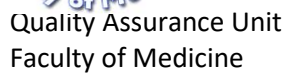
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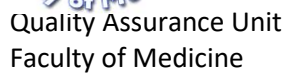
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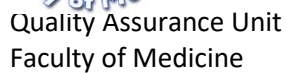
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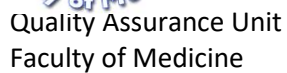
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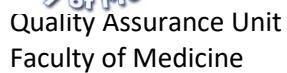
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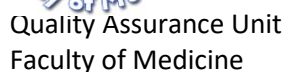
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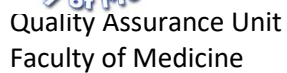
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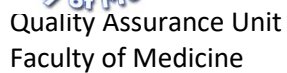


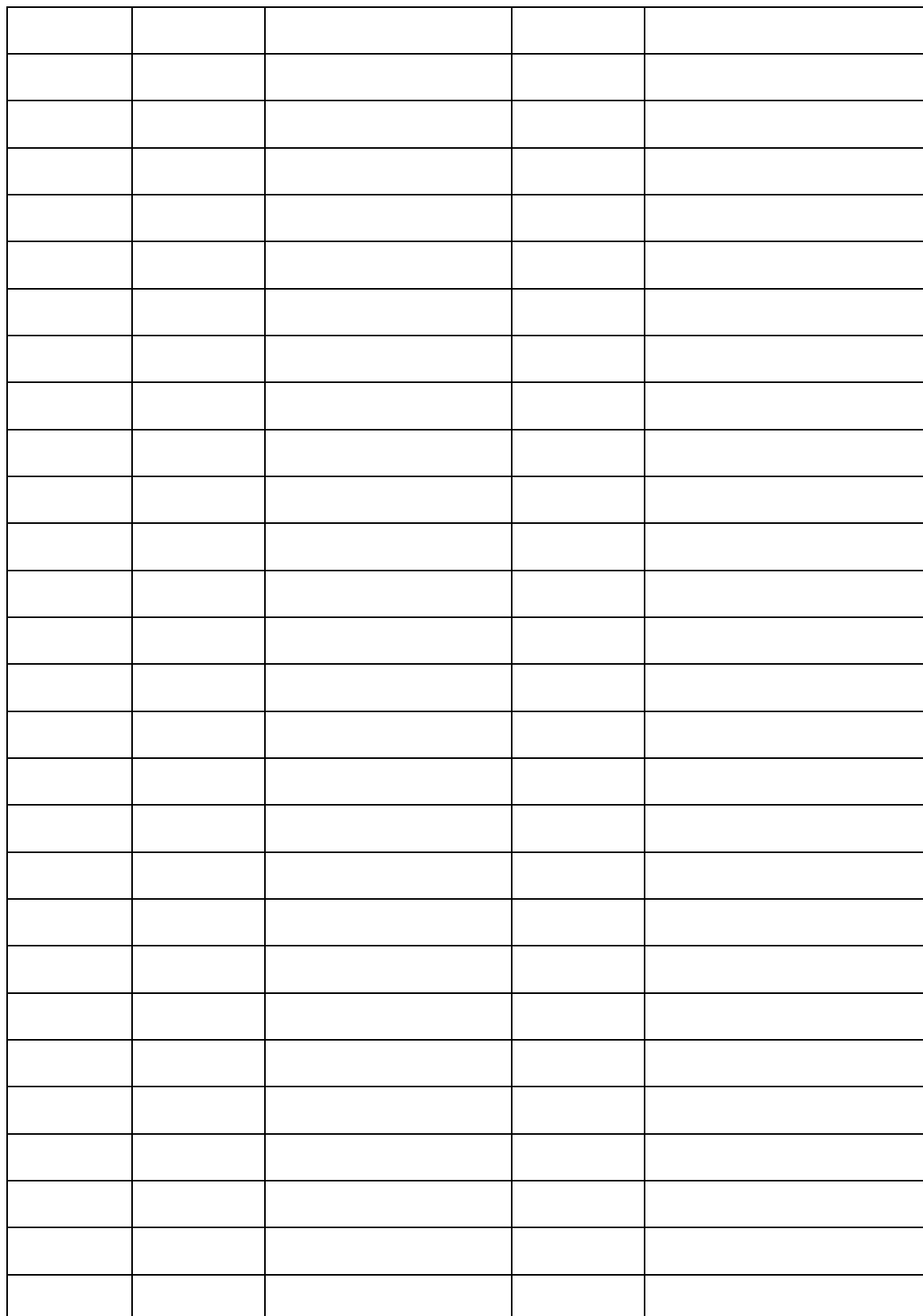
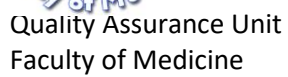
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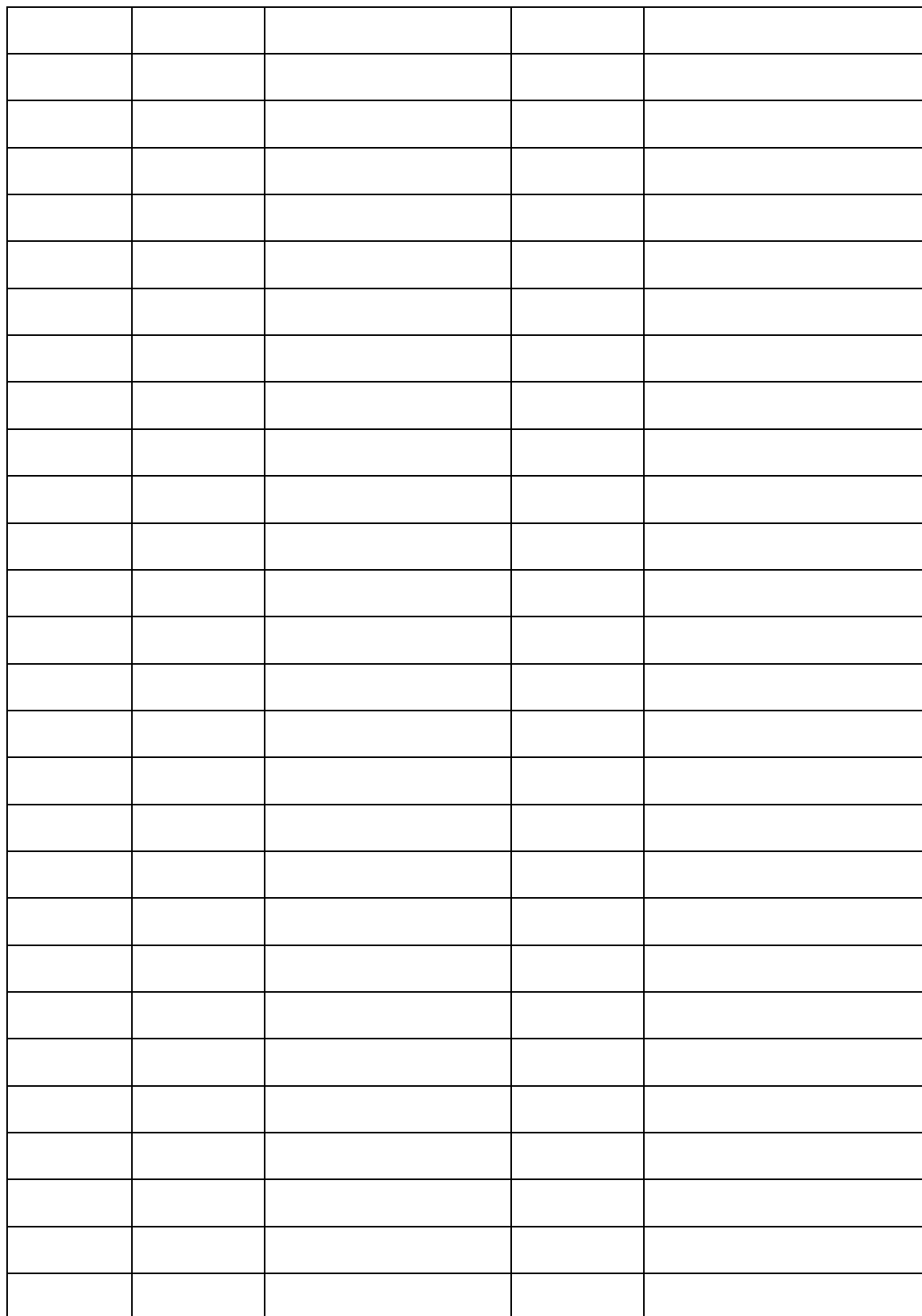
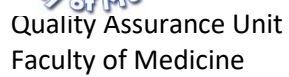
290

291

[illegible]

293







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Minimum of 50 case histories are to be clerked before appearing for the final examination.





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## Andrology surgical procedures log

### 1- TESTICULAR BIOPSY

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			

- Level: 1= Observe    2= Participate    3= Perform
- Minimum of 20 above special procedures are to be observed prior to appearing of exams



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## 10- VARICOCELECTOMY

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			

- Level: 1= Observe    2= Participate    3= Perform
- Minimum of 20 above special procedures are to be observed prior to appearing of exams



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## 11- EPIDIDYMOVASOSTOMY

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			

Minimum of 6 above special procedures are to be observed prior to appearing of exams

## PENILE PROTHESIS4-

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			

Minimum of 5 above special procedures are to be observed prior to appearing of exams



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## ANDROLOGY SPECIAL PROCEDURES

### 1- INTRACORPOREAL INJECTION

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			

- Level: 1= Observe    2= Participate    3= Perform
- Minimum of 20 above special procedures are to be observed prior to appearing of exams



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## 2- EPS Level

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

- Level: 1= Observe    2= Participate    3= Perform
- Minimum of 10 above special procedures are to be participated or performed prior to appearing of exams

## 3- GENITAL WARTS CAUTERY

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

Minimum of 10 above special procedures are to be performed prior to



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## 12- Semen analysis

SR. NO.	DATE	Level	I.P.NO.	REMARKS SIGNATURE OF SUPERVISOR
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				



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SR. NO.	DATE	Level	I.P.NO.	REMARKS SIGNATURE OF SUPERVISOR
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				
31.				
32.				
33.				
34.				
35.				
36.				
37.				
38.				
39.				
40.				
41.				
42.				
43.				
44.				
45.				
46.				
47.				
48.				
49.				
50.				

Minimum of 50 semen analyses are to be performed before appearing for the final examination.



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### 13- IMAGING REPORTS

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

- Minimum of 30 above special procedures are to interpreted be prior to appearing of exams.





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## SERVING SCIENTIFIC ACTIVITY

SR. NO.	DATE	TOPIC	SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

- A minimum of 10 activities is mandatory prior to examination.

## JOURNAL CLUB PRESENTATION

SR. NO.	DATE	TOPIC	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			

- A minimum of 5 presentations is mandatory prior to examination

## CASE PRESENTATION

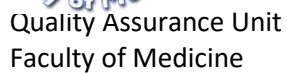


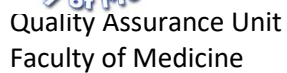
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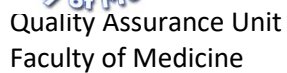


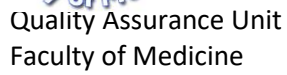
SR. NO.	DATE	TOPIC	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

- A minimum of 10 presentations is mandatory prior to examination.

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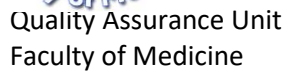
308

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Degree\*

A- Excellent  
B- Very good  
C- Good

### D- Pass

311



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## 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</u> learning.						
Participate in clinical audit and research projects.						





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General skills	could not judge (0)	strongly disagree(1)	↻ (2) (3)		↻ (4) (5)		↻ (6) (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"> <li>• <u>Present</u> a case.</li> <li>• <u>Write</u> a consultation note.</li> <li>• <u>Inform patients</u> of a diagnosis and therapeutic plan Completing and maintaining comprehensive.</li> <li>• Timely and legible <u>medical records</u>.</li> <li>• Teamwork skills.</li> </ul>								



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General skills	could not judge (0)	strongly disagree(1)	 (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.								



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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								



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## Course 7; Unit 5: sexually transmitted diseases

### Requirements:

- **Credit points:** 2.5 credit points for didactic (lectures, seminars, tutorial) and 9.8CP for clinical training.
- Minimal rate of attendance 80% of didactics and clinical training.
- Formative assessment is according to departmental counsel and time schedules.
- Attendance of at least 80% of the Didactics seminars.
- Presentation of at least once in the seminar every 6 seminars.



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## First year

**Clinical Training; 2.45 Credit Points=25% of unit training.**

Clinical Training	Credit points	Responsible department	Attendance	Percentages of achieved points
	2.45CP			100%
Sexually Transmitted disease STD	0.7CP	Dermatology and andrology department	<ul style="list-style-type: none"> <li>Practice with clinical cases for at least 3 months in the department including interpretation of their different andrological problems and related laboratory investigations including fulfilling;</li> <li>Log of andrological cases as mentioned below.</li> <li>Procedures and clinical skills log as mentioned below.</li> </ul>	28.6% of unit training in year 1
	0.7CP		Attendance of at least 8 weeks in the Outpatient andrology clinic and lab (3 hours /day).	28.6% of unit training in year 1
	0.3CP		Attendance of at least 30% of clinical rounds consultation of andology cases (2 hours /week for 5 weeks).	12.2% of unit training in year 1
	0.3CP		Attendance of Clinical teaching and consultation of staff members in management of cases (1hour /week for 10 weeks)	12.2% of unit training in year 1
	0.3CP		Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 5 weeks.	12.2% of unit training in year 1
	0.15CP		Formative assessment.	6.1% of unit training in year 1
Student signature		Principle coordinator signature		Head of department signature

## Management plan of the following case log

Case	Number
<b>STDs</b>	
Management plan of genital warts	At least 5
Management plan of gonorrhoea.	At least 3
Management plan of prostatitis.	At least 5
Management plan of non gonococcal Urethritis.	At least 2

## Level of competence:

- The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

- A- Plan and carry out independently
- B- Carry out independently.
- C- Carry out under supervisions.

## Procedure and clinical skills log of:

Independently Perform:	Order and interpret:
<ul style="list-style-type: none"> <li>History Taking.</li> <li>General Examination.</li> <li>Genital examination.</li> <li>Treatment chart.</li> <li>Consultation of other subspecialties.</li> <li>Electro cautery.</li> <li>Chemical cautery.</li> <li>Intracorporal injection.</li> <li>Expressed prostatic secretion analysis.</li> <li>Semen analysis.</li> </ul>	<ul style="list-style-type: none"> <li>Routine laboratory investigations.</li> <li>Specific investigation and findings of reports related to case log.</li> </ul>



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# Second Year



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## SECOND YEAR

### Clinical Training; 2.45 Credit Point = 25% of unit training

Clinical Training	Credit points	Responsible department	Attendance	Percentages of achieved points
	2.45CP			100%
Sexually transmitted diseases	0.7CP	Dermatology and andrology department	<ul style="list-style-type: none"> <li>Practice with clinical cases for at least 3 months in the department including interpretation of their different andrological problems and related laboratory investigations including fulfilling;</li> <li>Log of andrological cases as mentioned below.</li> <li>Procedures and clinical skills log as mentioned below.</li> </ul>	28.6% of unit training in year 2
	0.7CP		Attendance of at least 8 weeks in the Outpatient andrology clinic and lab (3 hours /day).	28.6% of unit training in year 2
	0.3CP		Attendance of at least 30% of clinical rounds consultation of andrology cases (2 hours /week for 5 weeks).	12.2% of unit training in year 2
	0.3CP		Attendance of Clinical teaching and consultation of staff members in management of cases (1hour /week for 10 weeks)	12.2% of unit training in year 2
	0.3CP		Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 5 week.	12.2% of unit training in year 2
	0.15CP		Formative assessment.	6.1% of unit training in year 2
Student signature		Principle coordinator signature		Head of department signature



### Management plan of the following case log

Case	Number
<b>STDs</b>	
Management plan of genital warts	At least 10
Management plan of gonorrhoea.	At least 5
Management plan of non gonococcal Urethritis.	At least 5

### Level of competence:

- The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

A- Plan and carry out independently

B- Carry out independently.

C- Carry out under supervisions.

### Procedure and clinical skills log of:

Independently Perform:	Order and interpret:
<ul style="list-style-type: none"> <li>History Taking.</li> <li>General Examination.</li> <li>Genital examination.</li> <li>Treatment chart.</li> <li>Consultation of other subspecialties.</li> <li>Electro cautery.</li> <li>Chemical cautery.</li> <li>Intracorporal injection.</li> <li>Expressed prostatic secretion analysis.</li> <li>Semen analysis.</li> </ul>	<ul style="list-style-type: none"> <li>Routine laboratory investigations.</li> <li>Specific investigation and findings of reports related to case log.</li> </ul>



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# Third Year

### Third year

**Didactic Teaching; 0.95 Credit Points=38% of didactics unit**

Name of the unit	Credit points	Responsible department	Attendance	Percentages of achieved points
	0.95CP			38%
Sexually Transmitted diseases	0.15	Dermatology Venorology and andrology department	1.5 hours Introduction and epidemiology of STDs	6% of didactics unit
	0.2		2 hours Gonorrhoea	8% of didactics unit
	0.1		1 hour Non gonococcal urethritis	4% of didactics unit
	0.1		1 hour Lymphogranuloma venerium	4% of didactics unit
	0.1		1 hour Granuloma inguinal	4% of didactics unit
	0.05		30 min. Mycoplasma	2% of didactics unit
	0.1		1 hour Chancroid	4% of didactics unit
	0.15		1.5 hours Syphilis	6% of didactics unit
Student signature		Principle coordinator signature		Head of department signature



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### Third year

**Clinical training; 2.45 credit Points = 25% of unit training**

Clinical Training	Credit points	Responsible department	Attendance	Percentages of achieved points
	2.45CP			100%
Sexually transmitted diseases	0.7CP	Dermatology and Venorology and andrology department	<ul style="list-style-type: none"> <li>Practice with clinical cases for at least 3 months in the department including interpretation of their different andrological problems and related laboratory investigations including fulfilling;</li> <li>Log of andrological cases as mentioned below.</li> <li>Procedures and clinical skills log as mentioned below.</li> </ul>	28.6% of unit training in year 3
	0.7CP		Attendance of at least 8 weeks in the Outpatient andrology clinic and lab (3 hours /day).	28.6% of unit training in year3
	0.3CP		Attendance of at least 30% of clinical rounds consultation of andology cases (2 hours /week for 5 weeks).	12.2% of unit training in year 3
	0.3CP		Attendance of Clinical teaching and consultation of staff members in management of cases (1hour /week for 10 weeks)	12.2% of unit training in year 3
	0.3CP		Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 5 week.	12.2% of unit training in year 3
	0.15CP		Formative assessment.	6.1% of unit training in year 3
Student signature		Principle coordinator signature		Head of department signature

## Management plan of the following case log

Case	Number
<b>STDs</b>	
Management plan of genital warts	At least 5
Management plan of gonorrhoea.	At least 5
Management plan of non gonococcal Urethritis	At least 5
Management plane of chancroid	At least 1
Management plane of Syphilis	At least 1
Management plane of genital herpes	At least 2
Management plane of genital candidiasis	At least 3
Management plane of genital trichomoniasis	At least 3
Management plane of genital ulcers	At least 5
Management plane of urethral discharge	At least 3
Management plane of HIV	At least 1

### Level of competence:

- The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

A- Plan and carry out independently

B- Carry out independently.

C- Carry out under supervisions.

### Procedure and clinical skills log of:

Independently Perform:	Order and interpret:
<ul style="list-style-type: none"> <li>History Taking.</li> <li>General Examination.</li> <li>Genital examination.</li> <li>Treatment chart.</li> <li>Consultation of other subspecialties.</li> <li>Electro cautery.</li> <li>Chemical cautery.</li> <li>Intracorporal injection.</li> <li>Expressed prostatic secretion analysis.</li> <li>Semen analysis.</li> </ul>	<ul style="list-style-type: none"> <li>Routine laboratory investigations.</li> <li>Specific investigation and findings of reports related to case log.</li> </ul>



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# Fourth Year

## Fourth year

**Didactic Teaching; 1.55 Credit Points =62% of didactics unit**

Name of the unit	Credit points	Responsible department	Attendance	Percentages of achieved points
	1.55CP			62%
<b>Sexually Transmitted disease</b>	0.2CP	<b>Dermatology Venorology and andrology department</b>	<b>2 hours</b> <b>Herpes simplex</b>	<b>8% of didactics unit</b>
	0.25CP		<b>2.5 hours</b> <b>HIV</b>	<b>10% of didactics unit</b>
	0.15CP		<b>1.5 hours</b> <b>Genital warts</b>	<b>6% of didactics unit</b>
	0.15CP		<b>1.5 hours</b> <b>Other Viral STDs</b>	<b>6% of didactics unit</b>
	0.1CP		<b>1 hour</b> <b>Fungal STDs</b>	<b>4% of didactics unit</b>
	0.2CP		<b>2 hours</b> <b>Protozoal and Parasitic STDs</b>	<b>8% of didactics unit</b>
	0.1CP		<b>1 hour</b> <b>Genital Ulcers</b>	<b>4% of didactics unit</b>
	0.2CP		<b>2.5 hours</b> <b>Systemic manifestations of STDs</b>	<b>8% of didactics unit</b>
	0.1CP		<b>1 hour</b> <b>Rieters syndrome and sexually reactive arthritis</b>	<b>4% of didactics unit</b>
	0.1CP		<b>1 hour</b> <b>Gay bowel syndrome</b>	<b>4% of didactics unit</b>
Student signature		Principle coordinator signature		Head of department signature



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## Fourth year

### Clinical training; 2.45CP=25% of unit training

Clinical Training	Credit points	Responsible department	Attendance	Percentages of achieved points
	2.45CP			100%
Sexually transmitted diseases	0.7CP	Dermatology venorology and andrology department	<ul style="list-style-type: none"> <li>■ Practice with clinical cases for at least 3 months in the department including interpretation of their different andrological problems and related laboratory investigations including fulfilling;</li> <li>■ Log of andrological cases as mentioned below.</li> <li>■ Procedures and clinical skills log as mentioned below.</li> </ul>	28.6% of unit training in year 4
	0.7CP		■ Attendance of at least 8 weeks in the Outpatient andrology clinic and lab (3 hours /day).	28.6% of unit training in year 4
	0.3CP		■ Attendance of at least 30% of clinical rounds consultation of andology cases (2 hours /week for 5 weeks).	12.2% of unit training in year 4
	0.3CP		■ Attendance of Clinical teaching and consultation of staff members in management of cases (1hour /week for 10 weeks)	12.2% of unit training in year 4
	0.3CP		■ Attend or share in clinical teaching of medical colleagues (students or junior residents) 2 hours /week for 5 week.	12.2% of unit training in year 4
	0.15CP		■ Formative assessment.	6.1% of unit training in year 4
Student signature		Principle coordinator signature		Head of department signature



### Management plan of the following case log

Case	Number
<b>STDs</b>	
Management plan of genital warts	At least 10
Management plan of gonorrhoea.	At least 5
Management plan of non gonococcal Urethritis	At least 5
Management plane of chancroid	At least 1
Management plane of Syphilis	At least 1
Management plane of genital herpes	At least 2
Management plane of genital candidiasis	At least 3
Management plane of genital trichomoniasis	At least 3
Management plane of genital ulcers	At least 5
Management plane of urethral discharge	At least 3
Management plane of HIV	At least 1

### Level of competence:

- The candidate will begin with level C, and at the end of clinical training will achieve level A in most required professional skills associated with training education and supervision of colleagues (candidate of master degree).

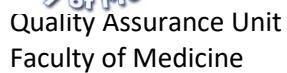
A -Plan and carry out independently

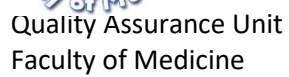
B- Carry out independently.

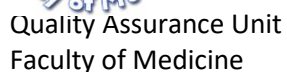
C - Carry out under supervisions.

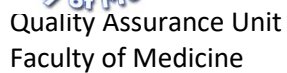
### Procedure and clinical skills log of:

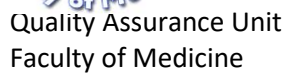
Independently Perform:	Order and interpret:
<ul style="list-style-type: none"> <li>History Taking.</li> <li>General Examination.</li> <li>Genital examination.</li> <li>Treatment chart.</li> <li>Consultation of other subspecialties.</li> <li>Electro cautery.</li> <li>Chemical cautery.</li> <li>Intracorporal injection.</li> <li>Expressed prostatic secretion analysis.</li> <li>Semen analysis.</li> </ul>	<ul style="list-style-type: none"> <li>Routine laboratory investigations.</li> <li>Specific investigation and findings of reports related to case log.</li> </ul>

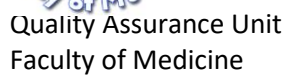
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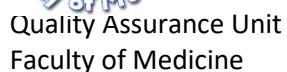
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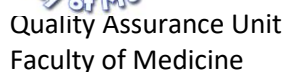
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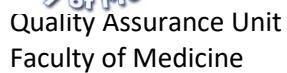
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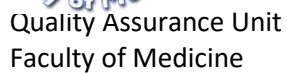
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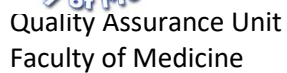
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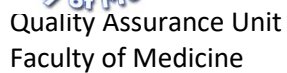


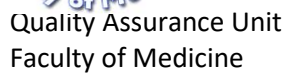
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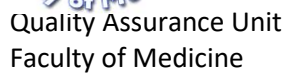
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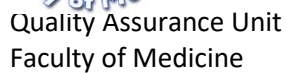
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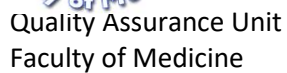
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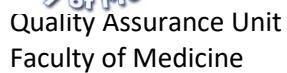
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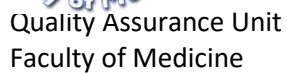
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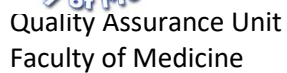
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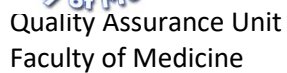


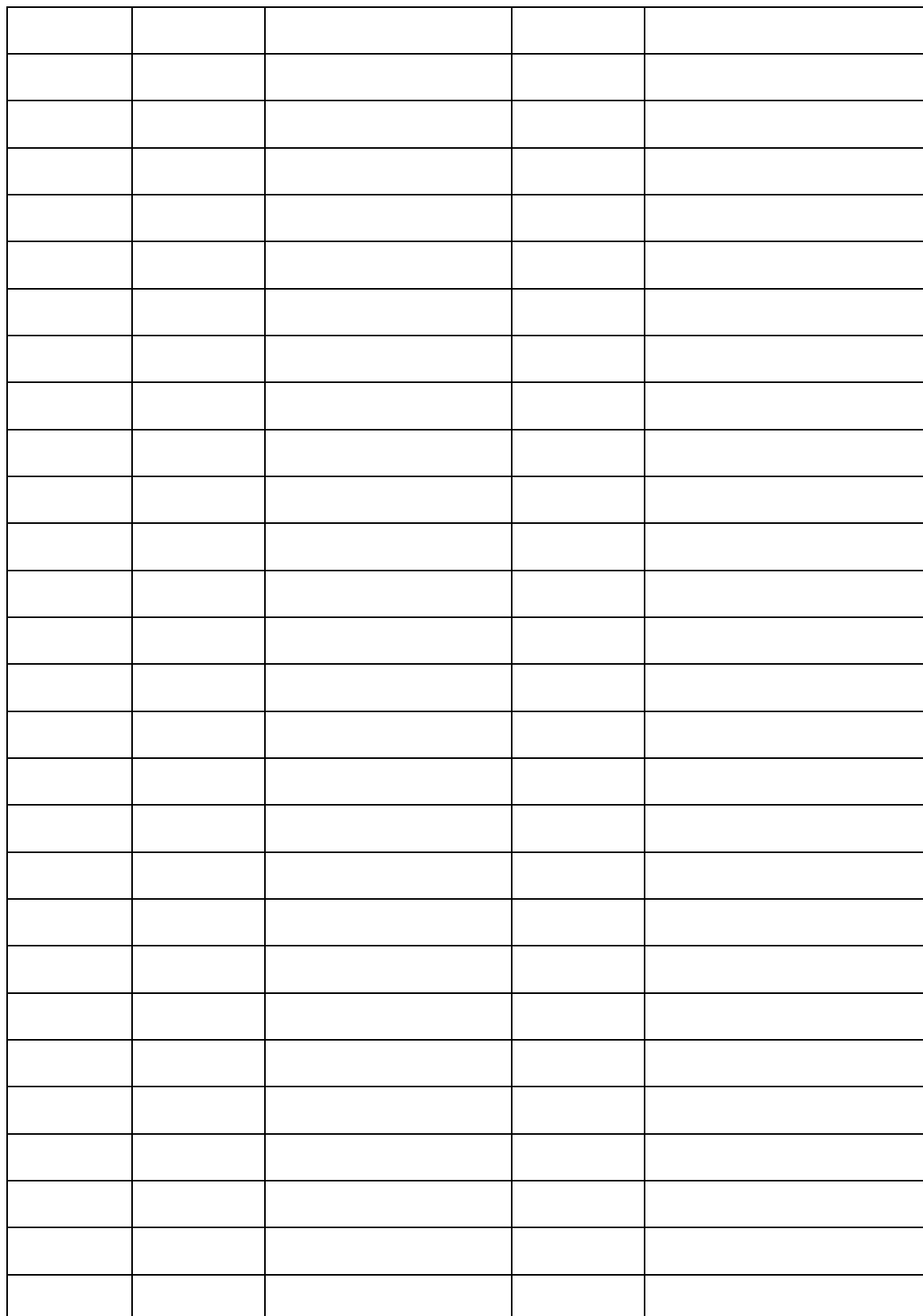
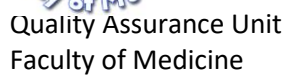
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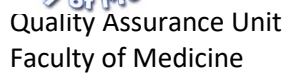
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## Andrology surgical procedures log

### 1- TESTICULAR BIOPSY

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			

- Level: 1= Observe    2= Participate    3= Perform
- Minimum of 20 above special procedures are to be observed prior to appearing of exams





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## 14- VARICOCELECTOMY

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			

- Level: 1= Observe    2= Participate    3= Perform
- Minimum of 20 above special procedures are to be observed prior to appearing of exams



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## 15- EPIDIDYMOVASOSTOMY

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			

Minimum of 6 above special procedures are to be observed prior to appearing of exams

## PENILE PROTHESIS4-

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			

Minimum of 5 above special procedures are to be observed prior to appearing of exams



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## ANDROLOGY SPECIAL PROCEDURES

### 1- INTRACORPOREAL INJECTION

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			

- Level: 1= Observe    2= Participate    3= Perform
- Minimum of 20 above special procedures are to be observed prior to appearing of exams



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## 2- EPS Level

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

- Level: 1= Observe    2= Participate    3= Perform
- Minimum of 10 above special procedures are to be participated or performed prior to appearing of exams

## 3- GENITAL WARTS CAUTERY

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

Minimum of 10 above special procedures are to be performed prior to appearing of exams.



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## 16- Semen analysis

SR. NO.	DATE	Level	I.P.NO.	REMARKS SIGNATURE OF SUPERVISOR
1.				
2.				
3.				
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6.				
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11.				
12.				
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15.				
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17.				
18.				
19.				
20.				
21.				
22.				



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SR. NO.	DATE	Level	I.P.NO.	REMARKS SIGNATURE OF SUPERVISOR
23.				
24.				
25.				
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31.				
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41.				
42.				
43.				
44.				
45.				
46.				

Minimum of 50 semen analyses are to be performed before appearing for the final examination.



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### 17- IMAGING REPORTS

R. NO.	DATE	Level	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
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9.			
10.			
11.			
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20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

- Minimum of 30 above special procedures are to interpreted be prior to appearing of exams.



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## SERVING SCIENTIFIC ACTIVITY

SR. NO.	DATE	TOPIC	SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

- A minimum of 10 activities is mandatory prior to examination.

## JOURNAL CLUB PRESENTATION

SR. NO.	DATE	TOPIC	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			

- A minimum of 5 presentations is mandatory prior to examination





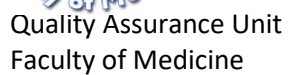
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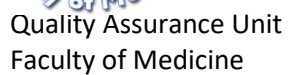


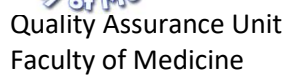
## CASE PRESENTATION

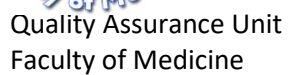
SR. NO.	DATE	TOPIC	REMARKS SIGNATURE OF SUPERVISOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

- A minimum of 10 presentations is mandatory prior to examination.

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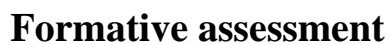
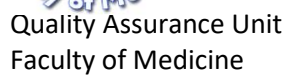


## MCQ Assessment

Date	Degree *	Signature of Head of the department

Degree\*

- A- Excellent
- B- Very good
- C- Good

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## 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.								





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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"> <li>• <u>Present</u> a case.</li> <li>• <u>Write</u> a consultation note.</li> <li>• <u>Inform patients</u> of a diagnosis and therapeutic plan</li> <li>Completing and maintaining comprehensive.</li> <li>• Timely and legible <u>medical records</u>.</li> <li>• Teamwork skills.</li> </ul>								



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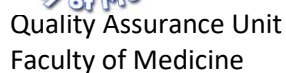
General skills	could not judge (0)	strongly disagree(1)	<div>↩</div> <div>(2) (3)</div>		<div>↩</div> <div>(4) (5)</div>		<div>↩</div> <div>(6)</div>		strongly agree (7)
Create and sustain a therapeutic and ethically sound relationship with patients.									
Elicit and provide information using effective 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.									



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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								

[illegible]

- Mini clinical examination
- Quizzes.
- MCQ.



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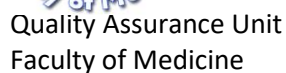


# Elective Course 1

## Requirements

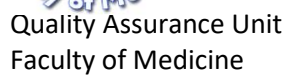
● **Credit points:** 2 credit point.

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



# Elective Course 1 Lectures

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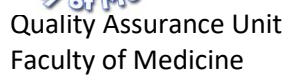
# Elective Course 2

## Requirements

● **Credit points:** 2 credit point.

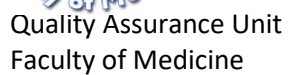
- Minimal rate of attendance 80% of lectures and 80% of training

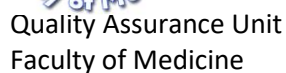




## Elective Course 2 Lectures

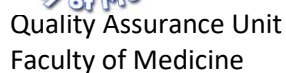
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**Lecture, journal club, conference, workshop**

\*\* Your role:-  
A- Attendance  
B- Organization. C.Presentation.



## Lecture, journal club, conference, workshop

**\*\* Your role:-**  
A- Attendance  
B- Organization  
C- Presentation



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## Medical Doctorate Degree Thesis

- **Type :**
- **Title in English:**
- **Title in Arabic:**
- **Supervisors:**
- **Summary in English:**
- **Summary in Arabic:**



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## Declaration

Course Structure Mirror	Responsible (Module) Coordinator Name:	Signature	Date
Basic science courses (first part)			
<b>Course 1 Medical Statistics.</b>			
<b>Course 2: Research Methodology</b>			
<b>Course 3 Medicolegal Aspects &amp; Ethics in Medical Practice and Scientific Research</b>			
<b>Course 4 : Fungus diseases (Mycology)</b>			
<b>Course 5 : Pathology (Dermatopathology)</b>			
Speciality courses (second part):			
-Course 6; Advanced Dermatology			
-Course 7 ; Advanced Venerology & Andrology course			
Certificate (s) Dates: - Elective Course1			
Certificate (s) Dates: - Elective Course2			
MD Degree Thesis Acceptance Date:			
- Fulfillment of requirement prior to final examination			
- MD Degree Principal Coordinator:			
Date approved by Dermatology Department Council:			

يعتمد ،  
رئيس القسم