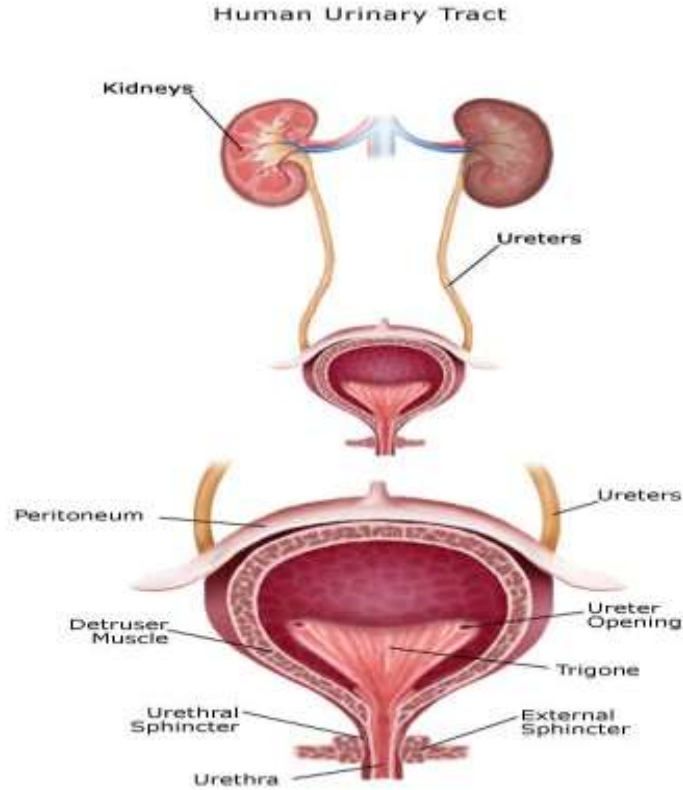


Medical Doctorate (M.D.) Degree of Urology Log Book



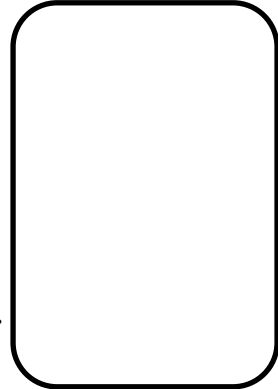
" كراسة الأنشطة "
اللازمة لحصول المتدرب على درجة اكتوراه في
المسالك البولية
2022-2023

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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

Grade of General surgery course on graduation.....

MSc..... University
Grade

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

*** 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.

Program aims

1/1 To enable candidates to master high level of clinical skills, bedside care skills, in addition to update medical knowledge as well as clinical experience and competence in the area of eye diseases and optics problems enabling the candidates of making appropriate referrals to a sub-specialist

1/2 Provide candidates with fundamental knowledge and skills of diseases of the eye patients care recent lines of treatment & equipment .

1/3 To enable candidates to perform high standard scientific medical research and how to proceed with publication in indexed medical journals.

1/4 To enable candidates to describe the basic ethical and medicolegal principles relevant to Urology.

1/5 To enable candidates to have professional careers as a consultant in Egypt but recognized abroad.

1/6 To enable candidates to continue self learning in subspecialties.

1/7 To enable candidates 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.

First Part

Basic science Courses

1-Course 1: Medical statistics

2-Course 2: Research methodology

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

4-Course 4: Urology 1

-Surgical Anatomy and Surgical pathology

-Clinical decision making

-Basic urologic surgery

-Molecular and cellular biology

-Renal physiology and pathophysiology

-Urine transport and storage empty

Medical statistics

Requirements

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

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

Medical Statistics

Lectures and tutorials

Date	Attendance	Topic	Signature

Research Methodology

Requirements

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

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

Research Methodology
Lectures and tutorials

Date	Attendance	Topic	Signature

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	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 - Death and death certificate. - Suspicious death - Death associated with surgery and anesthesia	20%
	0.2		2 hours Medical Reports in case of trauma	20%
	0.2		- Wounds - Firearm injuries	20%
	0.2		2 hours Ethics in research.	20%
	0.2		2 hours Ethics in practice.	20%
	Student signature			Principle coordinator signature

Course 4 Urology 1

Requirements:

Credit points: 7 credit points for didactic

Surgical Anatomy

Requirements

Credit points: 1 credit points

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Surgical Anatomy	0.5	Urology	5 hours - Anterior and posterior abdominal wall - The retroperitoneum. - Adrenals. - Kidneys, ureters and bladder - Peritoneum and intraperitoneal structures.	50%
	0.5		5 hours - Female pelvis. - Great vessels in the abdomen and pelvis - Prostate. - Testes, spermatic cord, and seminal vesicles. - Scrotum and inguinal canal. - Male and female external genitalia. - Male urethra and female urethra	50%
Student signature			Principle coordinator signature	Head of the department signature

Surgical Pathology

Requirements

Credit points: 1 credit point

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Surgical Pathology	0.5	Urology	5 hours General Pathology of: -Immunity & hypersensitivity. - Bacterial non specific infections. - Parasitic infestations. - Specific infections. - Tumors.	50%
	0.5		5 hours - Obstructive Uropathy and Urolithiasis. - Genitourinary tumors. - Genitourinary infections. - Genitourinary parasitic infestation	50%
Student signature			Principle coordinator signature	Head of the department signature

Clinical Decision Making

Requirements

Credit points: 1 credit point

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical Decision Making	0.5	Urology	5 hours - History - Physical examination	50%
	0.5		5 hours - Urine analysis.	50%
Student signature			Principle coordinator signature	Head of the department signature

Basics of Urologic Surgery

Requirements

Credit points: 1 credit point

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Basics of Urologic Surgery	0.5	Urology	5 hours	50%
	0.5		<ul style="list-style-type: none"> - Preoperative evaluation. - Presurgical training. - Surgical risk evaluation. - Special population. 	50%
Student signature			Principle coordinator signature	Head of the department signature

Molecular & Cellular Biology

Requirements

Credit points: 1 credit point

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Molecular & Cellular Biology	0.5	Urology	5 hours - Innate immunity - Adaptive immunity - Lymphocyte activation - T-Cell maturation.	50%
	0.5		5 hours - Lymphocyte tolerance - Tumor immunology - Immunotherapy - Molecular Immunology.	50%
Student signature			Principle coordinator signature	Head of the department signature

Renal Physiology & Pathophysiology

Requirements

Credit points: 1 credit point

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Renal physiology & Pathophysiology	0.5	Urology	5 hours - Renal physiology.	50%
	0.5		5 hours - Renal Pathophysiology	50%
Student signature			Principle coordinator signature	Head of the department signature

Urine Transport & Storage Empty

Requirements

Credit points: 1 credit point

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Urine Transport, storage and empty	0.5	Urology	.5 hours - Urinary tract dysfunction.	50%
	0.5		5 hours - Incontinence & pelvic prolapse	50%
Student signature			Principle coordinator signature	Head of the department signature

Urology 1

Lectures

Date	Attendance	Topic	Signature

Urology 1

Lectures

Date	Attendance	Topic	Signature

Urology 1 Lectures

Date	Attendance	Topic	Signature

Urology 1

Lectures

Date	Attendance	Topic	Signature

Course 5 Urology 2

Requirements:

Credit points: 24 for didactic and 123 for training.

Year 1

(23 credit point for training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in urology department	8	Urology department	<ul style="list-style-type: none"> ➤ Practice with clinical cases for at least 2 months in the department including their laboratory investigation and treatment ➤ Cases log as mentioned below ➤ Procedures log as mentioned below 	35%
	3		➤ 6 Night shifts (From 2pm to 8am) (1/week for 6 weeks)	13%
	2		➤ Attendance of at least 12 days in the Outpatient clinic (2/week for 6 weeks)	8.5%
	5		➤ Practice in operative room for at least 30 days (2/week for 15 weeks)	22%
	2		➤ Practice in ultrasonography, urodynamic and SWL units for at least 12 days	8.5%
	1.5		➤ Attendance of clinical rounds (3 hours /week for 15 week)	6.5%
	1.5		➤ Formative assessment	6.5%
Student signature			Principle coordinator Signature	Head of the department signature

Clinical case log (All over the four years)

<i>Urological emergencies</i>	
Case	Number
Obstructive anuria	30
Acute retention of urine	30
Urethral stone	15
Hematuria	75
Clot retention	25
Priapism	8
Penile fracture	5
Testicular torsion	5
Infected hydronephrosis	40

<i>Obstructive Uropathy and Urolithiasis</i>	
Case	Number
Renal stones	150
Pelviureteric junction obstruction	30
Ureteric stones	100
Ureteric stricture	30
Bladder stones	50
Urethral stones	15
Urethral stricture	15

<i>Andrology</i>	
Case	Number
Varicocele	60
Obstructive azoospermia	8
Peyronies disease	8
Ejaculatory duct obstruction	5
Retrograde ejaculation	5
Erectile dysfunction	30

<i>Genitourinary trauma</i>	
Case	Number
Renal trauma	15
Ureteric trauma	5
Bladder trauma	8
Urethral trauma	8
Scrotal and testicular trauma	5
Penile trauma	2

<i>Genitourinary infections</i>	
Case	Number
Acute cystitis	75
Acute pyelonephritis	15
Acute pyelonephritis with pregnancy	8
Renal abscess	8
Perinephric abscess	8
Genitourinary tuberculosis	3
Acute bilharzial cystitis	20
Bilharzial granuloma	8
Acute prostatitis	15
Prostatic abscess	5
Chronic prostatitis	15
Gonorrhoeal uretheritis	5
Other sexually transmitted diseases	3
Acute epididymorchitis	30
Scrotal and testicular abscess	8
Fournier gangrene	3

<i>Genitourinary tumors</i>	
Case	Number
Superficial TCC of the bladder	30
Muscle invasive TCC of the bladder	30
Squamous cell carcinoma of the bladder	10
Metastatic bladder cancer	8
Renal parenchymal tumors	15
Wilm's tumor	3
Upper urinary tract urothelial tumors	3
Adrenal tumors	3
Prostatic cancer	15
Testicular tumors	3

<i>Pediatric urology</i>	
Case	Number
Phimosis	8
Inguinal testis	15
Impalpable testis	15
Distal hypospadias	15
Proximal hypospadias	10
Epispadias	5
Bladder exstrophy	3
Vesicouretral reflux	15
Ureterocele	5
Megaureter	5
Posterior urethral valve	5
Pelviureteric junction obstruction	10
Nocturnal enuresis	25
Intersex	3
Scrotal swellings (hydroceles and hernias)	15

<i>Female urology and neurourology</i>	
Case	Number
Stress urinary incontinence	10
Overactive bladder	10
Neurogenic bladder	10
Vesicovaginal fistula	7
Cystocele	5

Procedure log (All over the four years)

Level of competency

A- Independent performance

B- Performance under supervision

C- Assistant

Open renal and adrenal surgery				
Procedure	Number	* Level of participation		
		A	B	C
Simple nephrectomy	15	8	4	3
Subcapsular nephrectomy	10	1	3	6
Radical nephrectomy	8	0	2	6
Partial nephrectomy	5	0	2	3
Nephroureterectomy	5	0	2	3
Pyelolithotomy	20	10	5	5
Nephrolithotomy	10	5	3	2
Pyeloplasty	10	1	3	6
Repair of renal trauma	15	5	5	5
Adrenalectomy	2	0	0	2

Open ureteral surgery				
Procedure	Number	* Level of participation		
		A	B	C
Upper ureterolithotomy	15	8	4	3
Middle ureterolithotomy	5	3	1	1
Lower ureterolithotomy	15	8	4	3
Uretero-neocystostomy	15	8	4	3
Ureteral resection and reanastmosis	5	2	2	1
Boari flap	5	1	1	3
Ileal loop ureteral replacement	3	0	1	2
External ureteral diversion (ureterocautenous)	8	4	2	2
Internal urinary diversion (e.g.ureteosigmoidostomy)	10	5	3	2
Open bladder surgery				
Procedure	Number	* Level of participation		
		A	B	C
Cystolithotomy	15	8	4	3
Radical Cystectomy	15	6	4	5
Diverticulectomy	5	1	1	3
Augmentation cystoplasty	5	0	1	4
Total bladder substitution (orthotopic or cathetrizable pouch)	5	0	1	4
Bladder neck reconstruction	2	0	0	2
Bladder trauma repair	10	6	2	2
Bladder exstrophy repair	2	0	0	2
Vesicovaginal fistula and other fistulae repair	5	0	1	4

Open prostate surgery				
Procedure	Number	* Level of participation		
		A	B	C
Transvesical prostatectomy	15	8	4	3
Radical prostatectomy	2	0	0	2
Open urethral surgery				
Procedure	Number	* Level of participation		
		A	B	C
Urethroplasty	7	0	2	5
Distal hypospadias repair	12	1	2	9
Proximal hypospadias repair	5	0	0	5
Meatotomy	5	3	1	1
Epispadias repair	2	0	0	2
Urethral fistula repair	5	0	1	4
Penile surgery				
Procedure	Number	* Level of participation		
		A	B	C
Circumcision	10	6	2	2
Penile prosthesis	5	0	1	4
Vascular surgery for ED (venous ligation or arterialization)	2	0	0	2
Priapism evacuation	5	2	2	1
Distal corporo corporal shunt	3	1	1	1
Penectomy	0	0	0	2
Penile fracture repair	3	1	1	1

Testis and epididymis surgery				
Procedure	Number	* Level of participation		
		A	B	C
Orchidectomy (scrotal and inguinal)	15	8	4	3
Orchidolysis and orchidopexy	10	5	3	2
Testicular biopsy	10	5	3	2
High varix ligation	10	5	3	2
Subinguinal varix ligation	15	7	4	4
Operations for hydrocele, hernia, and spermatocele	15	7	4	4
Exploration for testicular torsion	4	2	1	1
Endoscopic and percutaneous procedures				
Procedure	Number	* Level of participation		
		A	B	C
Percutaneous nephrostomy	40	20	10	10
Suprapubic tube	15	8	4	3
PNL	12	1	3	8
Ureteroscopy for stone	20	5	7	8
Ureteroscopy for stricture (dilation)	10	3	4	3
Internal stenting	20	10	5	5
Endoscopic management of bladder stone	15	6	5	4
TUR biopsy	15	7	5	3
TUR bladder tumour or ulcer	10	3	3	4
TUR prostate or bladder neck	10	2	3	5
Visual internal urethrotomy	8	4	2	2
Posterior urethral valve fulguration	4	0	1	3

Laparoscopy				
Procedure	Number	* Level of participation		
		A	B	C
Diagnostic for impalpable testis	10	2	3	5
Laparoscopic orholysis and orchopexy	5	1	1	3
Laparoscopy for renal surgery (retroperitoneal or transperitoneal)	5	0	1	4
Laparoscopy for bladder or prostatic surgery	2	0	0	2
SWL				
Procedure	Number	* Level of participation		
		A	B	C
Renal stone with X-ray localization	50	25	10	15
Renal stone with sonographic localization	20	10	5	5
Ureteric stone	15	8	4	3
Diagnostic procedures				
Procedure	Number	* Level of participation		
		A	B	C
Urethrocytoscopy	20	10	5	5
Abdominal ultrasound examination	100	60	30	10
Scrotal ultrasound examination	10	5	3	2
TRUS	10	3	3	4
TRUS prostatic biopsy	8	2	2	4
Urodynamic studies	30	10	10	10

Year 2

(9.5 credit point for didactic)

Name of the course	Credit points	Responsible department	Topics and attendance	Percentage of Achieved points
Urology	1	Urology	10 hours Module 1: Urological emergencies: - Management of urologic emergencies. - Hematuria. - Management of andrologic emergencies.	10.5%
	2.5		25 hours Module 2: Obstructive Uropathy and Urolithiasis: - Renal stones. - Percutaneous renal surgery. - Pelviuretric junction obstruction. - Ureteric stones and strictures. - Ureteroscopy. - Bladder and urethral stones. - Urethral stricture.	26.3%
	1		10 Hours Module 3: Andrology: - Diagnosis of male infertility. - Surgery for male infertility and assisted reproductive techniques. - Ejaculatory dysfunction and premature ejaculation. - Erectile dysfunction. - Peyronies disease.	10.5%
	1.5		15 hours	15.8%
	1.5			

			Module 4: Genitourinary trauma: <ul style="list-style-type: none"> - Renal trauma - Ureteral trauma - Iatrogenic renal and ureteral trauma. - Bladder trauma - Anterior urethral trauma - Posterior urethral distraction injury. - Genital trauma 	
	2		<i>20 hours</i> Module 5: Genitourinary infections: <ul style="list-style-type: none"> - Non-specific infections of genitourinary tract. - Chronic prostatitis. - Painful Bladder Syndrome. - Tuberculosis of genitourinary tract. - Bilharziasis of genitourinary tract and other parasitic infestations. - Sexually transmitted diseases. 	21%
	0.5		Seminars <ul style="list-style-type: none"> ➤ Attendance of at least 5 of the clinical seminars ➤ Presentation of at least 1 time in the seminar 	5.3%
	0.5		Conference or workshop	5.3%
	0.5		Formative assessment	5.3%
Student signature			Principle coordinator Signature	Head of the department signature

(40 credit point for training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in urology department	16	Urology department	<ul style="list-style-type: none"> ➤ Practice with clinical cases for at least 4 months in the department including their laboratory investigation and treatment ➤ Cases log as mentioned above ➤ Procedures log as mentioned above 	40%
	5		➤ 10 Night shifts (From 2pm to 8am) (1/week for 10 weeks)	12.5%
	5		➤ Attendance of at least 30 days in the Outpatient clinic (2/week for 15 weeks)	12.5%
	8		➤ Practice in operative room for at least 48 days (2/week for 24 weeks)	20%
	2		➤ Practice in ultrasonography, urodynamic and SWL units for at least 12 day	5%
	2		➤ Attendance of clinical rounds (3 hours /week for 20 week)	5%
	2		➤ Formative assessment	5%
Student signature			Principle coordinator Signature	Head of the department signature

Year 3

(9.5 credit point for didactic)

Name of the course	Credit points	Responsible department	Topics and attendance	Percentage of Achieved points
Urology	2.5	Urology	25 hours Module 6: Genitourinary tumors: <ul style="list-style-type: none"> - Superficial bladder cancer. - Muscle invasive and Metastatic bladder cancer - Upper tract urothelial tumors. - Renal cell carcinoma and benign renal tumors - Wilms tumor and neuroblastoma. - Genitourinary Rhabdomyosarcoma - Adrenal Gland tumors - Prostatic tumors. - Testicular tumors. 	26.3%
	2.5		25 hours Module 7: Pediatric urology: <ul style="list-style-type: none"> - Cryptorchidism. - Hypospadias and Congenital penile curvature. - Micropenis. - Voiding dysfunction in children - UPJ obstruction. - Vesicoureteral Reflux. - Megaureter. - Antenatal hydronephrosis. - Urinary stone diseases in children. - Ureterocele and ectopic ureter. - Disorder of sex development. - Exstrophy-epispadias complex. - Posterior urethral valve. 	26.3%

	1.5		15 Hours Module 8: Female urology and neurourology: - Stress urinary incontinence. - Urodynamic evaluation of lower urinary tract. - Overactive bladder. - Neuropathic bladder. - Pharmacologic treatment of lower tract dysfunction. - Neuromodulation for lower tract dysfunction. - Female lower urinary tract fistulae.	15.75%
	1.5		15 Hours Module 9: Renal failure and transplantation: - Acute renal failure. - Chronic renal failure. - Renal transplantation. - Post renal transplantation immunosuppression. - Electrolyte imbalance. - Acid base balance.	15.75%
	0.5		Seminars ➤ Attendance of at least 5 of the clinical seminars ➤ Presentation of at least 1 time in the seminar	5.3%
	0.5		Conference or workshop	5.3%
	0.5		Formative assessment	5.3%
Student signature			Principle coordinator Signature	Head of the department signature

(40 credit point for training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in urology department	16	Urology department	<ul style="list-style-type: none"> ➤ Practice with clinical cases for at least 4 months in the department including their laboratory investigation and treatment ➤ Cases log as mentioned above ➤ Procedures log as mentioned above 	40%
	5		➤ 10 Night shifts (From 2pm to 8am) (1/week for 10 weeks)	12.5%
	5		➤ Attendance of at least 30 days in the Outpatient clinic (2/week for 15 weeks)	12.5%
	8		➤ Practice in operative room for at least 48 days (2/week for 24 weeks)	20%
	2		➤ Practice in ultrasonography, urodynamic and SWL units for at least 12 day	5%
	2		➤ Attendance of clinical rounds (3 hours /week for 20 week)	5%
	2		➤ Formative assessment	5%
Student signature			Principle coordinator Signature	Head of the department signature

Year 4

(5 credit point for didactic)

Name of the course	Credit points	Responsible department	Topics and attendance	Percentage of Achieved points
Urology	2	Urology	20 hours Module 10: Applied surgical anatomy: <ul style="list-style-type: none"> - Anterior and posterior abdominal wall - The retroperitoneum and Great vessels in the abdomen and pelvis - Applied surgical anatomy of the kidneys. - Applied surgical anatomy of the Adrenals. - Applied surgical anatomy of the ureters and bladder. - Urological application of gastrointestinal tract anatomy. - Applied surgical anatomy of the Testes, spermatic cord, and seminal vesicles. - Applied surgical anatomy of the penis and male urethra - Applied surgical anatomy of the female external genitalia and female urethra 	40%
	2		20 hours Module 11: Applied surgical pathology: <ul style="list-style-type: none"> - General Pathology <ul style="list-style-type: none"> ● Immunity & hypersensitivity. ● Bacterial infection. ● Tuberculosis. ● Parasitic infestations. ● Pathology of tumors. - Pathology of renal tumors. - Pathology of urothelial tumors. - Pathology of testicular tumors 	40%

			<ul style="list-style-type: none"> - Pathology of prostate cancer. - Pathophysiology of obstructive Uropathy. - Pathology of genitourinary bilharziasis. 	
	0.3		Seminars	6%
			<ul style="list-style-type: none"> ➤ Attendance of at least 5 of the clinical seminars ➤ Presentation of at least 1 time in the seminar 	
	0.3		Conference or workshop	6%
	0.4		Formative assessment	8%
Student signature			Principle coordinator Signature	Head of the department signature

(20 credit point for training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in urology department	8	Urology department	<ul style="list-style-type: none"> ➤ Practice with clinical cases for at least 2 months in the department including their laboratory investigation and treatment ➤ Cases log as mentioned above ➤ Procedures log as mentioned above 	40%
	2		➤ 4 Night shifts (From 2pm to 8am) (1/week for 4weeks)	10%
	3		➤ Attendance of at least 18 days in the Outpatient clinic (2/week for 9 weeks)	15%
	4		➤ Practice in operative room for at least 24 days (2/week for 12 weeks)	20%
	1		➤ Practice in ultrasonography, urodynamic and SWL units for at least 6 day	5%
	1		➤ Attendance of clinical rounds (3 hours /week for 10 week)	5%
	1		➤ Formative assessment	5%
Student signature			Principle coordinator Signature	Head of the department signature

**Attendance in shifts, Outpatient clinic, Operative room, clinical round,
ultrasound, urodynamic and SWL units**

Duration from -to	Location	Signature of supervisor	Duration from -to	Location	Signature of supervisor

**Attendance in shifts, Outpatient clinic, Operative room, clinical round,
ultrasound, urodynamic and SWL units**

Duration from -to	Location	Signature of supervisor	Duration from -to	Location	Signature of supervisor

**Attendance in shifts, Outpatient clinic, Operative room, clinical round,
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Duration from -to	Location	Signature of supervisor	Duration from -to	Location	Signature of supervisor

Clinical case log

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

- * Level of participation
 - A- Plan and carry out
 - B- Carry out
 - C- Carry out under supervision

Clinical case log

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Procedure log

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

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

Procedure log

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Academic activities
Lectures, seminars, conferences, and worships

Date	Your role**	Topic	Signature

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

Academic activities
Lectures, seminars, conferences, and worships

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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 life-long learning.								
Participate in clinical audit and research projects.								

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

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

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

Elective Course 1

Requirements

● **Credit points:** 1.5 credit point.

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

One of these courses

- Advanced medical statistics.
- Evidence based medicine.
- Advanced infection control.
- Quality assurance of medical education.
- Quality assurance of clinical practice.
- -Hospital management

Elective Course Practical skills

Date	Attendance	Topic	Signature

Elective Course 2

Requirements

● **Credit points:** 1.5 credit point.

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

One of these courses

- Advanced medical statistics.
- Evidence based medicine.
- Advanced infection control.
- Quality assurance of medical education.
- Quality assurance of clinical practice.
- -Hospital management

Name of the elective course: -----

Elective Course Lectures

Date	Attendance	Topic	Signature

Formative assessment and MCQ

Exam	Score	Grade*	Date	Signature

***Degree**
 A- Excellent
 B- Very good
 C- Good
 D- Pass

الرسائل العلمية

عنوان الرسالة

عربي : _____

انجليزي : _____

المشرفون : _____

1-

2-

3

4-

تاريخ القيد لدرجة : / /

تاريخ التسجيل الموضوع:

المتابعة الدورية :

التاريخ	ما تم انجازه من بروتوكول البحث	المتبقي	توقيع المشرفين

Declaration

Course Structure Mirror	Responsible (Course) Coordinator Name:	Signature	Date
First Part			
-Course 1: Medical statistics			
-Course 2: Research methodology			
-Course 3: Medicolegal Aspects and Ethics in Medical Practice and Scientific Research			
-Course 4: Urology 1			
Second Part			
Course 5: Urology 2			
Unit (Module) 1			
Unit (Module) 2			
Unit (Module) 3			
Unit (Module) 4			
Unit (Module) 5			
Unit (Module) 6			
Unit (Module) 7			
Unit (Module) 8			
Unit (Module) 9			
- Elective Course (1) Certificate Dates:			
- Elective Course (2) Certificate Dates:			
- MD Degree Thesis Acceptance Date:			
- Fulfillment of required credit points prior to final examination			
Urology MD Degree Principle Coordinator:			
Date approved by Urology Department Council:			

يعتمد ،
رئيس القسم

أ.د.