

Urologic Training Program



Logbook

Urology and Nephrology Center Mansoura University

20 /20

Trainee name

:.....

- Dates of beginning:...../...../..... (day/mo/yr)

- Date of end of year of training/...../..... (day/mo/yr).

Name and address of department:.....

SEMSTER .I

Practical skills (Apply timetable of practical sessions or training courses)

	Outpatient clinic date	Level of performance			Trainee's assessment			Trainer's signature
		Observation	Assistance	Independence	Poor	Fair	Good	
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Signature of resident:

Signature of Trainer:

Clinical training:

	Clinical round date	Level of performance			Trainee's assessment			Trainer's signature
		Observation	Assistance	Independence	Poor	Fair	Good	
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Signature of resident :

Signature of Trainer :

Field training

Scoring System :

- 1 : Passive Attendance , Assistance
- 2 : Needs Close Supervision
- 3 : Able To Carry Out Procedure Under Some Supervision
- 4 : Able To Carry Out Procedure Without Supervision
- 5 : Able To Supervise And Teach The Procedure

No	Procedure	Expected competence level					Date
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Signature of resident :

Signature of Trainer :

Seminar attendance:

	Title	Date	Supervisor's signature
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Signature of resident :

Signature of Trainer :

Scientific Lectures (Apply timetable of scientific lecture)

	Title	Lecture date	Credit hours	Supervisor's signature
	Anatomy:			
	Embryology : development of urinary system , genital system			
	Gross anatomy: Abdomen: Anatomy of the kidney and ureters Anatomy of the urinary bladder , prostate and urethra Blood supply and lymph drainage of the urinary system Muscles of the back and flank Autonomic nerve plexuses supplying the urogenital system Ischiorectal fossa Autonomic and sacral plexus Internal iliac vessels Pelvis: Pelvic and urogenital diaphragms Superficial and deep perineal pouches External genitalia			
	Pharmacology			
	Opiate analgesics and non opiate analgesics			
	renal pharmacology: introduction , thiazide diuretics , loop diuretics , K sparing diuretics , adverse reaction of diuretics urinary tract infection			
	Chemotherapy: beta-lactam antibiotics , penicillins , Cephalosporins , monobactams , aminoglycosides , tetracycline Chloramphenicol , quinolones , sulphonamides , antifungal drug Metronidazole and antiamoebic drugs , antituberculous drugs, Cancer chemotherapy , chemoprophylaxis , failure of Anti-microbial drugs , biologic response modifiers (immunotherapy)			
	Drug drug interaction: mechanism , potentially hazards and Beneficial effects of drug interaction , hypovolemic shock			
	Microbiology			
	General microbiology : Introduction to microbial causes of human disease including Bacteria , viruses and fungi Antimicrobial agents , drug resistance			
	Microbial genetics: Molecular techniques used in diagnosis of microbial infection.			
	Immunology: Basic immunology: immune system , types of immunity , cells of The immune system and their function , Inflammation and tissue repair , immunomodulation Antigens , immunoglobulins and cytokines Clinical immunology: hypersensitivity , renal transplantation Immunosuppressive drugs (types , mechanism of action , new Drugs and approaches) , autoimmunity , autoimmune disease, Tumor immunology and immunotherapy Clinical microbiology: surgical site infection , Normal flora of the urinary tract , urinary tract infection , Anaerobic infection , PUO , myelobacterial and atypical Bacterial infection			

<p>Nosocomial infection and infection control: General considerations , types of hospital acquired infections , Organism causing hospital acquired infection , MRSA infection Infection control measures used prevent nosocomial infection Health care providers protection and vaccination. Health care acquired infections sterilization and disinfection</p>			
<p>Pathology: General pathology Special pathology : kidney , urinary bladder , prostate , testis</p>			
<p>Biochemistry General course : Clinical enzymology Mechanism of hormonal action Basic molecular biology (undergraduate level).</p>			
<p>Special course Biochemical changes in chronic renal function Kidney function test Water and electrolyte Inborn errors of amino acid metabolism Acid-base balance and disturbances Endocrine function of the kidney Beta 2-microglobulin Fluid and mineral therapy Microalbuminuria</p>			
<p>Histology Urinary system Nephron: renal corpuscle , proximal and distal convoluted tubules , loop of henle Collecting tubules: juxta-glomerular complex , blood supply of Kidney, Blood renal barrier , mesangial cells , urinary blood and ureter Male genital system: Testis Seminiferous tubules: spermatogenic cells , spermatogenesis , sertoli cells Excretory tubules of the testis: vasa efferentia , epididymis , vas deferens , Ejaculatory duct Male urethra Accessory genital glands: penis , prostate gland , seminal vesicle , cowper gland , Gland of litre.</p>			
<p>Physiology Hemostasis : PH balance , fluid and electrolyte balance , Temperature regulations Circulation : regulation of ABP , hemorrhage and shock Blood: blood coagulation , platelets , intravascular clotting / Plasmin system , erythropoiesis and anemia Endocrine: male sex hormones , physiology of male potency , Spermatogenesis , control of gonadal function. Renal physiology: autoregulation of renal blood flow , GFR , Plasma clearance , function of renal tubules (PCT , DCT , loop Of henle) , renal ischemia , renal failure , assessment of renal Function , hormones affecting kidney function , hormones Secreted by the kidney , micturition reflexes</p>			

	Effect of nervous system lesion on micturition CNS: pain sensation , referred pain , pain control			
	Surgery			
	Disorders of surgical bleeding Surgical infection and antibiotics Shock Fluid and elctrolytes management Wound healing Postoperative complication Blood transfusion Acute abdomen Inguino scrotal swelling Retroperitoneal tumors Suprarenal tumors Deep venous thrombosis Abdominal aortic aneurysm Complications of organ transplant Obstructive uropathy Renal tumors Urianary calculi Testicular tumor			

Signature of resident :

Signature of Trainer :

Student teaching sections:

	Section subject	Date	Supervisor's signature
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Signature of resident :

Signature of Trainer :

Scientific activities (thesis discussion, conference and workshop)

	Title	Date	Signature
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Signature of resident :

Signature of Trainer :

List Of Papers Read At Scientific Meetings

	Paper title	Date	Signature
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Signature of resident :

Signature of Trainer :

Transrectal Ultrasound										
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Supervisor										
Date										

Signature of resident :

Signature of Trainer :

Training for PCN fixation in angiography department										
	1	2	3	4	5	6	7	8	9	10
Supervisor										
Date										

Signature of resident :

Signature of Trainer :

Erectile dysfunction and penile Doppler ultrasound										
	1	2	3	4	5	6	7	8	9	10
Supervisor										
Date										

Signature of resident :

Signature of Trainer :

Urodynamics										
	1	2	3	4	5	6	7	8	9	10
Supervisor										
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Signature of resident :

Signature of Trainer :

ESWL										
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Supervisor										
Date										
	11	12	13	14	15	16	17	18	19	20
Supervisor										
Date										

Signature of resident :

Signature of Trainer :

Assessment Of Knowledge, Attitudes And Fulfillment Of Tasks

Scoring system : A = Excellent B = Sufficient C = Weak D = Unacceptable E = Not applicable

	A	B	C	D	E
Integrated knowledge					
Reaching of appropriate decisions; collection and interpretation of data					
Motivation , sense of duty , discipline , punctuality					
Technical skills					
Organisatory skills					
Administrative tasks (medical files , correspondence)					
Ethics					
Relations with patients					
Relation with medical and other staff					
Attendance and active participation in staff meetings					
Scientific interest					
Scientific activity					

Signature of resident :

Signature of Trainer :

SEMSTER .2

Practical skills (Apply timetable of practical sessions or training courses)

	Outpatient clinic date	Level of performance			Trainee's assessment			Trainer's signature
		Observation	Assistance	Independence	Poor	Fair	Good	
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Signature of resident :

Signature of Trainer :

Clinical training:

	Clinical round date	Level of performance			Trainee's assessment			Trainer's signature
		Observation	Assistance	Independence	Poor	Fair	Good	
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Signature of resident :

Signature of Trainer :

Field training

SCORING SYSTEM :

1 : PASSIVE ATTENDANCE , ASSISTANCE

2 : NEEDS CLOSE SUPERVISION

3 : ABLE TO CARRY OUT PROCEDURE UNDER SOME SUPERVISION

4 : ABLE TO CARRY OUT PROCEDURE WITHOUT SUPERVISION

5 : ABLE TO SUPERVISE AND TEACH THE PROCEDURE

No	Procedure	Expected competence level					Date
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Signature of resident :

Signature of Trainer :

Seminar attendance:

	Title	Date	Supervisor's signature
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Signature of resident :

Signature of Trainer :

Scientific Lectures(Apply timetable of scientific lecture)

Date	Title	Credit hours	supervisor	Supervisor's signature
	<p><u>Renal failure and transplantation:</u></p> <p>Etiology ,pathogenesis and management of Renal failure</p> <p>Renal transplantation</p>			
	<p><u>Reproductive and sexual dysfunction</u></p> <p>Male reproductive physiology</p> <p>Male infertility: etiology and management</p> <p>Physiology of penile erection</p> <p>erectile dysfunction: Pathophysiology, Evaluation, non surgical treatment , prosthetic surgery and vascular surgery</p> <p>peyronie’s disease</p> <p>priapism</p> <p>androgen deficiency in aging male.</p>			
	<p><u>Infection of genitourinary tract:</u></p> <p>Infection of the urinary tract</p> <p>Inflammatory condition of the male genitourinary tract: prostatitis , orchitis ,</p> <p>Painful bladder syndrome / interstitial cystitis and related disorders</p> <p>Sexually transmitted disease</p> <p>Urologic implications of AIDS and HIV infection</p> <p>Cutaneous disease of the external genitalia</p> <p>Tuberculosis and parasitic and fungal infections of the genitourinary system</p>			
	<p><u>Obstructive uropathy:</u></p> <p>Pathophysiology of urinary tract obstruction</p> <p>Management of urinary tract obstruction</p>			

	<p><u>Pediatric urology:</u></p> <p>Normal Development of the Urogenital System</p> <p>Evaluation of pediatric urology patient</p> <p>Inflammation and infection of pediatric genitourinary tract</p> <p>Renal dysgenesis , renal cystic disease</p> <p>Anomalies and surgeries for pelviureteric junction obstruction</p> <p>Ectopic ureter , ureterocele and other anomalies of the ureter</p> <p>Reflux and megaureter</p> <p>Prune belly syndrome</p> <p>Evaluation and management of Extrophy-epispadias complex</p> <p>Hypospadias</p> <p>Voiding dysfunction in children</p> <p>Pediatric urologic oncology</p> <p>Pediatric endourology and laparoscopy</p> <p>Pediatric genitourinary trauma</p> <p>Abnormalities of scrotum and testes</p> <p>Sexual differentiation normal and abnormal.</p>			
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Signature of resident :

Signature of Trainer :

Student teaching sections:

	Section subject	Date	Supervisor's signature
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Signature of resident :

Signature of Trainer :

Scientific activities (thesis discussion, conference and workshop)

	Title	Date	Signature
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Signature of resident :

Signature of Trainer :

List Of Papers Read At Scientific Meetings

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Signature of resident :

Signature of Trainer :

Transrectal Ultrasound										
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Supervisor										
Date										

Signature of Fellow:

Signature of Trainer :

Training for PCN fixation in angiography department										
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Supervisor										
Date										

Signature of resident :

Signature of Trainer :

Erectile dysfunction and penile Doppler ultrasound										
	1	2	3	4	5	6	7	8	9	10
Supervisor										
Date										

Signature of resident :

Signature of Trainer :

Urodynamics										
	1	2	3	4	5	6	7	8	9	10
Supervisor										
Date										

Signature of resident :

Signature of Trainer :

ESWL										
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Supervisor										
Date										
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Signature of resident :

Signature of Trainer :

Assessment Of Knowledge, Attitudes And Fulfillment Of Tasks

Scoring system : A = Excellent B = Sufficient C = Weak D = Unacceptable E = Not applicable

	A	B	C	D	E
Integrated knowledge					
Reaching of appropriate decisions; collection and interpretation of data					
Motivation , sense of duty , discipline , punctuality					
Technical skills					
Organisatory skills					
Administrative tasks (medical files , correspondence)					
Ethics					
Relations with patients					
Relation with medical and other staff					
Attendance and active participation in staff meetings					
Scientific interest					
Scientific activity					

Signature of resident :

Signature of Trainer :

SEMSTER .3

Practical skills (Apply timetable of practical sessions or training courses)

	Outpatient clinic date	Level of performance			Trainee's assessment			Trainer's signature
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Signature of resident :

Signature of Trainer :

Clinical training:

	Clinical round date	Level of performance			Trainee's assessment			Trainer's signature
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Signature of resident :

Signature of Trainer :

Field training

SCORING SYSTEM :

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No	Procedure	Expected competence level					Date
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Signature of resident :

Signature of Trainer :

Seminar attendance:

	Title	Date	Supervisor's signature
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Signature of resident :

Signature of Trainer :

Scientific Lectures(Apply timetable of scientific lecture)

Date	Title	Credit hours	supervisor	Supervisor's signature
	<p><u>Voiding dysfunction and urodynamics:</u> Pathophysiology and classification of voiding dysfunction Urodynamic evaluation of voiding dysfunction Lower urinary tract dysfunction in neurologic injury</p>			
	<p><u>Laparoscopy in urology:</u> Basics of laproscopic surgery Laparoscopy in reconstructive urology Laparoscopy in urologic oncology Laparoscopy in adrenal pathology</p>			
	<p><u>Trauma and urologic emmergencies:</u> Genital and lower urinary tract trauma: Injuries of the external genitalia Bladder injuries Urethral injuries Upper urinary tract trauma: Renal and ureteral trauma</p>			
	<p><u>Urologic oncology:</u> Evaluation and management of adrenal tumors Evaluation and management of renal tumors Ablative therapy and targeted therapy for renal tumors Evaluation and management of upper tract urothelial tumor Evaluation and management of bladder tumor Evaluation and management of testicular tumor</p>			

Signature of resident :

Signature of Trainer :

Date	Title	Credit hours	supervisor	Supervisor's signature
	<p><u>Curriculum for advanced oncology course:</u></p> <p>Laser principles and its use in urologic disorders</p> <p>Flexible endoscopy: the scientific background and its clinical Applications in urologic field</p> <p>Recent advances in urologic laparoscopy : single port surgery , Laparoscopic partial nephrectomy and others.</p> <p>Robotic assisted surgery : detailed background and clinical Applications in urologic field.</p> <p>Electrosurgery and the endo-urology: which current , why and when To use (monopolar versus bipolar).</p>			
	<p><u>Curriculum for advanced pediatric course:</u></p> <p>Congenital anomalies of the urinary tract</p> <p>Urinary tract infection in children</p> <p>Disorders of sex differentiation</p> <p>Neurogenic and non-neurogenic bladder dysfunction</p> <p>Pediatric urologic tumors</p>			
	<p><u>Curriculum for advanced urodynamic course:</u></p> <p>Applications of urodynamics in pediatric dysfunctional voiding</p> <p>Application of urodynamics in female stress incontinence</p> <p>Use of urodynamics in post prostatectomy incontinence</p>			
	<p><u>Curriculum for advanced oncology course :</u></p> <p>Cell cycle and flow cytometry.</p> <p>Gene therapy</p> <p>Molecular genetics and cancer biology</p> <p>Immunology in urology</p>			

Signature of resident :

Signature of Trainer :

Student teaching sections:

	Section subject	Date	Supervisor's signature
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Signature of resident :

Signature of Trainer :

Scientific activities (thesis discussion, conference and workshop)

	Title	Date	Signature
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Signature of resident :

Signature of Trainer :

List Of Papers Read At Scientific Meetings

	Paper title	Date	Signature
1			
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Signature of resident :

Signature of Trainer :

Transrectal Ultrasound										
	1	2	3	4	5	6	7	8	9	10
Supervisor										
Date										

Signature of resident :

Signature of Trainer :

Training for PCN fixation in angiography department										
	1	2	3	4	5	6	7	8	9	10
Supervisor										
Date										

Signature of resident :

Signature of Trainer :

Erectile dysfunction and penile Doppler ultrasound										
	1	2	3	4	5	6	7	8	9	10
Supervisor										
Date										

Signature of resident :

Signature of Trainer :

Urodynamics										
	1	2	3	4	5	6	7	8	9	10
Supervisor										
Date										

Signature of resident :

Signature of Trainer :

ESWL										
	1	2	3	4	5	6	7	8	9	10
Supervisor										
Date										
	11	12	13	14	15	16	17	18	19	20
Supervisor										
Date										

Signature of resident :

Signature of Trainer :

Assessment Of Knowledge, Attitudes And Fulfillment Of Tasks

Scoring system : A = Excellent B = Sufficient C = Weak D = Unacceptable E = Not applicable

	A	B	C	D	E
Integrated knowledge					
Reaching of appropriate decisions; collection and interpretation of data					
Motivation , sense of duty , discipline , punctuality					
Technical skills					
Organisatory skills					
Administrative tasks (medical files , correspondence)					
Ethics					
Relations with patients					
Relation with medical and other staff					
Attendance and active participation in staff meetings					
Scientific interest					
Scientific activity					

Signature of resident :

Signature of Trainer :

SEMSTER .4

Practical skills (Apply timetable of practical sessions or training courses)

	Outpatient clinic date	Level of performance			Trainee's assessment			Trainer's signature
		Observation	Assistance	Independence	Poor	Fair	Good	
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Signature of resident :

Signature of Trainer :

Clinical training:

	Clinical round date	Level of performance			Trainee's assessment			Trainer's signature
		Observation	Assistance	Independence	Poor	Fair	Good	
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Signature of resident :

Signature of Trainer :

Field training

SCORING SYSTEM :

1 : PASSIVE ATTENDANCE , ASSISTANCE

2 : NEEDS CLOSE SUPERVISION

3 : ABLE TO CARRY OUT PROCEDURE UNDER SOME SUPERVISION

4 : ABLE TO CARRY OUT PROCEDURE WITHOUT SUPERVISION

5 : ABLE TO SUPERVISE AND TEACH THE PROCEDURE

No	Procedure	Expected competence level					Date
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Signature of resident :

Signature of Trainer :

Seminar attendance:

	Title	Date	Supervisor's signature
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Signature of resident :

Signature of Trainer :

Scientific Lectures (Apply timetable of scientific lecture)

Date	Title	Credit hours	supervisor	Supervisor's signature
	<p><u>Voiding dysfunction and urodynamics:</u> Pathophysiology and classification of voiding dysfunction Urodynamic evaluation of voiding dysfunction Lower urinary tract dysfunction in neurologic injury</p>			
	<p><u>BPH:</u> Molecular biology , endocrinology and physiology of The prostate and seminal vesicles</p> <p>Benign prostatic hyperplasia:pathophysiology , natural history</p> <p>evaluation and non surgical treatment of BPH</p> <p>surgical treatment of BPH</p>			
	<p><u>Adrenal and renovascular hypertension</u> Pathophysiology , evaluation and medical management Of adrenal disorders</p> <p>Surgery of the adrenal gland</p> <p>Renovascular hypertension and ischemic nephropathy</p>			
	<p><u>Laparoscopy in urology:</u> Basics of laproscopic surgery Laparoscopy in reconstructive urology Laparoscopy in urologic oncology Laparoscopy in adrenal pathology</p>			
	<p><u>Reconstructive urology</u> Choice of urinary diversion post cystectomy Types of urinary diversions Evaluation of stricture urethra Management of stricture urethra.</p>			

Signature of resident :

Signature of Trainer :

Student teaching sections:

	Section subject	Date	Supervisor's signature
1			
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Signature of resident :

Signature of Trainer :

Scientific activities (thesis discussion, conference and workshop)

	Title	Date	Signature
1			
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Signature of Trainer :

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Urodynamics										
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