

FEBRUARY - 2007

[KQ 046]

Sub. Code : 1653

M.Ch. DEGREE EXAMINATION.

(Revised Regulations)

Branch IV — Urology

Paper III — REGIONAL SYSTEMIC UROLOGY

Time : Three hours

Maximum : 100 marks

Theory : Two hours and  
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay :

1. Discuss the management of biochemical failure after radical prostatectomy in a 65 year old male. (20)
2. Describe the complications and their management in a patient with dominant polycystic kidney. (15)
3. Discuss the pros and cons of international society for pediatric oncology (SIOP) and National Wilm's Tumor Study Group (NWTSG) protocols in Wilm's tumor. (15)

II. Short notes :

(6 × 5 = 30)

1. "PSA Bounce".
2. Gadolinium.
3. Irrigants for TUR – Pros and cons.
4. Ultrasonography in the diagnosis of vesico ureteric reflux.
5. Enumerate the basic differences between pediatric and adult testicular tumors.
6. Algorithm for azoospermia.

August-2007

**[KR 046]**

**Sub. Code : 1653**

II. Short notes :

(6 × 5 = 30)

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Answer ALL questions.

I. Essay questions :

(1) Discuss the management of crippled Hypospadias. (20)

(2) Discuss the indications and operative procedures in short for orthotopic bladder substitution. (15)

(3) Discuss the indications and scope of renal parenchymol preserving (Nephron sparing) surgery for renal cell carcinoma. (15)

(a) Oligozoospermia.

(b) Alfuxosin.

(c) Yusauf's syndrome.

(d) Mitroaanoffs Procedure.

(e) Penile Ulcers.

(f) Chyluria.

August - 2009

[KV 046]

Sub. Code: 1653

**M.CH DEGREE EXAMINATIONS**

**(Super Specialities)  
(Revised Regulations)**

**Branch IV – Urology**

**Paper III – REGIONAL SYSTEMIC UROLOGY**

***Q.P. Code: 181653***

**Time: Three hours**

**Maximum: 100 Marks**

**ANSWER ALL QUESTIONS**

**Draw suitable diagrams wherever necessary.**

**I. Essays: 2 x 20 = 40 Marks**

1. Enumerate the complications of ureteral reimplantation. How do you manage them?
2. Discuss the management of vesico vaginal fistula due to obstetric causes.

**II. Write short notes on: 10 X 6 = 60 Marks**

1. Abdominal leak point pressure.
2. Partin's tables.
3. Retarded ejaculation.
4. Trapped prostate.
5. Goldblatt type I model kidney.
6. Allograft nephrectomy.
7. Matrix stones.
8. Bevacizumab.
9. Renal cortical adenoma.
10. Tethered cord syndrome.

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August 2010

[KX 046]

Sub. Code: 1653

**M.CH DEGREE EXAMINATIONS**

**(Super Specialities)  
(Revised Regulations)**

**Branch IV – Urology  
Paper III – REGIONAL SYSTEMIC UROLOGY  
Q.P. Code: 181653**

**Time: Three hours**

**Maximum: 100 Marks**

**ANSWER ALL QUESTIONS**

**Draw suitable diagrams wherever necessary.**

**I. Essays:**

**2 x 20 = 40 Marks**

1. Discuss controversies surrounding Androgen deprivation therapy in prostate cancer.
2. Discuss the differential diagnosis of incidentally detected small renal masses. What are the current recommendations for excision, ablation and observation?

**II. Write short notes on:**

**10 X 6 = 60 Marks**

1. Urologic Imaging during pregnancy.
2. Pubovaginal sling.
3. ICU-management of Brain Dead Patient.
4. Prognostic factors in Renal cell cancer.
5. Indiana pouch.
6. Derifinacin vs Oxybutinin.
7. Endopyelotomy.
8. Hormone Resistant Prostate Cancer (HRPC).
9. Post obstructive diuresis.
10. Primary Hyperoxaluria.

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August 2011

[KZ 046]

Sub. Code: 1653

MASTER OF CHIRURGIAE (M.Ch.) DEGREE EXAMINATION  
(SUPER SPECIALITIES)

BRANCH IV – UROLOGY

REGIONAL SYSTEMIC UROLOGY

*Q.P. Code: 181653*

Time : 3 hours  
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

Pages Time Marks  
(Max.) (Max.) (Max.)

- |  |    |    |    |
|--|----|----|----|
| 1. Discuss the Pathogenesis and recent trends in the management of Urinary Tuberculosis. | 11 | 35 | 15 |
| 2. Discuss the management of Renal Trauma following Road Traffic Accident.               | 11 | 35 | 15 |

II. Write notes on :

- |  |   |    |   |
|--|---|----|---|
| 1. Surgical Intervention in Reno – Vascular Hypertension.                      | 4 | 10 | 7 |
| 2. Post Renal Transplant Lymphocele – Management.                              | 4 | 10 | 7 |
| 3. Arteriogenic Impotence – Management.  | 4 | 10 | 7 |
| 4. Flexible Ureteroscopy.  | 4 | 10 | 7 |
| 5. Peri Operative Management of Pheochromocytoma.                              | 4 | 10 | 7 |
| 6. Circumcaval Ureter – Management.  | 4 | 10 | 7 |
| 7. Stuck Foley Catheter – Causes and Treatment.                                | 4 | 10 | 7 |
| 8. Management of Acute Rejection in live related Donor Kidney Transplantation. | 4 | 10 | 7 |
| 9. Role of Imaging in Cryptorchism.  | 4 | 10 | 7 |
| 10. Electro Ejaculation.   | 4 | 10 | 7 |

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[LB 046]

AUGUST 2012

Sub. Code: 1653

M.Ch – UROLOGY

Paper – III REGIONAL SYSTEMIC UROLOGY

Q.P. Code: 181653

Time : 3 hours  
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Evaluation of the living kidney donor and the pathophysiology of chronic rejection.	16	35	15
2. Pathophysiology of erectile dysfunction and the management options.	16	35	15
<b>II. Write notes on :</b>			
1. Bulking agents in the management of female SUI.	4	10	7
2. Bioeffects of shock wave lithotripsy.	4	10	7
3. Evaluation and management of asymptomatic microscopic haematuria.	4	10	7
4. Early cystectomy in T1G3 transitional cell carcinoma of the bladder-pros and cons.	4	10	7
5. Tumor markers in bladder cancer.	4	10	7
6. Bladder preservation protocols.	4	10	7
7. Mainz II pouch.	4	10	7
8. Uretero-colonic anastomotic techniques.	4	10	7
9. Role of oxidants in male infertility.	4	10	7
10. Genetic basis of prostate cancer.	4	10	7

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(LD 046)

AUGUST 2013

Sub. Code:1653

**M.Ch. – UROLOGY**  
**Paper – III REGIONAL SYSTEMIC UROLOGY**  
*Q.P.Code: 181653*

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2X15=30)**

1. Describe the pathology, preoperative evaluation and treatment protocol for unilateral and bilateral Wilms' tumor.
2. Describe the metabolic evaluations of recurrent stone former. What precautions and dietary advice would be given for prevention ?

**II. Write notes on:**

**(10X7=70)**

1. Millin's prostatectomy.
2. Dorsal lumbotomy-indications and surgical approach.
3. **STING** procedure.
4. Chromophobe Renal cell carcinoma.
5. Urologic manifestations of Diabetes Mellitus.
6. Benckroun procedure.
7. Treatment category, treatment regimen used in the revised national tuberculosis control programme and important side effects of first-line antituberculosis drugs.
8. Detrusor sphincter dyssynergia.
9. Stuttering priapism.
10. Tyrosine kinase inhibitors.

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[LF 046]

AUGUST 2014

Sub. Code: 1653

**M.Ch. – UROLOGY**

**Paper III – REGIONAL SYSTEMATIC UROLOGY**

*Q. P. Code: 181653*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer ALL questions in the same order.**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the diagnosis, staging and management of renal upper tract Urothelial tumor.
2. Discuss the evaluation and management of bilateral undescended testes in a post pubertal boy.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Gastrocystoplasty.
2. Sperm retrieval techniques.
3. Acute Tubular necrosis.
4. Creatinine Clearance.
5. Tumor markers in testicular malignancy.
6. Role of varicocelelectomy in the management of male infertility.
7. Bladder changes in Parkinsonism.
8. Megaureters.
9. Renal angiomyolipoma.
10. Valve-Bladder Syndrome.

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