



MALAYSIAN MEDICAL COUNCIL

SPECIALTY-SPECIFIC REQUIREMENTS (SSR)

(UROLOGY)

Prepared By:

Specialty Education Subcommittee (SEC)
of the Medical Education Committee (MEC),
Malaysian Medical Council

Approved by the Malaysian Medical Council:

29th September 2023

Preface

1. The Specialty-Specific Requirements (SSR) pertain to requirements within each specialty and specify the minimum requirements pertaining to the training curriculum, trainers, educational resources and head of programme.
2. The Specialty-Specific Requirements (SSR) are intricately linked to the MMC Malaysian Standards for Medical Specialist Training 2019, and the Standards and SSR must be read and applied together.

Specialty-Specific Minimum Requirements for Training Curriculum (Based on Area 1.2.4 of Malaysian Standards for Medical Specialist Training) - Urology	
Specialty -Specific Requirements (Reference standard)	Criteria
1) Minimum entry requirements for postgraduate training (Standard 3.1.)	i. Fully registered with the Malaysian Medical Council with a current Annual Practicing Certificate ii. 2 years of experience in surgery and its related fields post housemanship. iii. Successful entry evaluation to programme
2) Minimum duration of training programme (Standard 1.2.4 - Table 2)	Completion of a minimum of 48 months of specialized training in the specialty programme
3) Structure of training (Standard 1.2.4 - Table 3 & Table 4) Training overview	The program should have a clear pathway encompassing phases of training which shall include the basic and advanced components in urology

Training rotation and case mix	Areas	Months
	Acute and emergency cases	12
	Endourology	12
	TURP, TURBT, PCNL, open and laparoscopic nephrectomy and ureteric reimplantation	12
	PCNL, RIRS, nephroureterectomy and ileal conduit construction, radical prostatectomy, radical cystectomy, renal transplantation, pyeloplasty and urethroplasty	12
4) Assessments (Standard 2.2.1)	Assessments should i. Employ appropriate methods and levels that are well-aligned with learning outcomes. These include a variety of methods and tools such as written assessments, clinical assessments, supervisor's report, logbook, attendance, training attended, practice diary, research report, formative assessment, communication skills including methods appropriate to assess ethics and professionalism. ii. Include formative and summative assessments throughout each rotation, semester, or year of study. iii. Include clear criteria for progression to next year of study. iv. Include an exit exam.	
5) Additional requirements for completion of training (Standard 1.2.4)	i. Completion of graduate-level research or clinical audit project ii. Good clinical practice course iii. Research methodology course iv. Urodynamics course v. Ultrasonography course vi. Laparoscopic course in upper urinary tract	
6) List of competencies to be acquired upon completion of training	Able to competently perform the following: i. Cystoscopy – rigid and flexible ii. Ureteroscopy iii. Insertion of JJ stent	

(Standard 1.1.4)	iv. TRUS guided prostate biopsy v. ESWL vi. Surgery for torsion of testes vii. Orchidectomy – scrotal and inguinal viii. Hydrocele surgery ix. Circumcision x. Ultrasound of the urinary tract xi. Diagnostic and therapeutic rigid ureteroscopy xii. Bladder biopsy and TURBT xiii. TURP xiv. Optical urethrotomy xxv. AVF xvi. PD access if available xvii. Vesicolithotomy and Vesicolithotripsy xxviii. Bladder Repair xix. Nephrostomy xx. Urodynamics xxi. Nephrectomy – open and lap xxii. Ureteric reimplantation xxiii. PCNL xxiv. RIRS and Flexible URS xxv. Nephroureterectomy xxvi. Ileal conduit construction Has been the main assistant in the following procedures: i. Radical prostatectomy ii. Radical cystectomy iii. Renal transplant iv. Pyeloplasty v. Urethroplasty
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Note : These criteria represent the minimum standards. Each educational programme provider may exercise their autonomy to state criteria above and beyond these minimum standards.

**Specialty-Specific Minimum Requirements for Training
Centres and Head Programme (Based on Areas 3-6 of
Malaysian Standards for Medical Specialist Training) -
Urology**

Item no	Specialty-Specific Requirements (Reference standard)	Criteria												
4	Trainer-to-trainee ratio (Standard 3.1.3)	1:4												
5	Minimum qualifications and experience of trainers (Standard 4.1.2)	i. Registered with National Specialist Register ii. Completed Training-of-Trainer course												
6	Minimum requirements for educational resources (Standard 5.1.1)	The diagnostic facilities and equipment requirement of the programme training centres must collectively be able to accommodate the following minimum requirement: i. Services <table><tr><th>Services</th><th>Quantity</th></tr><tr><td>Intensive Care Unit</td><td>1</td></tr><tr><td>Radiology and imaging</td><td>1</td></tr><tr><td>Nephrology</td><td>1</td></tr><tr><td>Rehabilitation</td><td>1</td></tr></table> ii. Equipment <table><tr><th>Equipment</th><th>Quantity</th></tr></table>	Services	Quantity	Intensive Care Unit	1	Radiology and imaging	1	Nephrology	1	Rehabilitation	1	Equipment	Quantity
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Intensive Care Unit	1													
Radiology and imaging	1													
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Equipment	Quantity													

		<table><tr><td>Bedside ultrasound</td><td>1</td></tr><tr><td>Endourological and endoscopic</td><td>1</td></tr></table> iii. Case Mix and Case Load The case mix and case load of the programme training centres must collectively be able to accommodate the following minimum requirements for each trainee: <table><tr><th>Areas</th><th>Quantity (cases/trainee/year)</th></tr><tr><td>Cystoscopy – rigid and flexible</td><td>25</td></tr><tr><td>Ureteroscopy</td><td>8</td></tr><tr><td>Insertion of JJ stent</td><td>12</td></tr><tr><td>TRUS guided prostate biopsy</td><td>12</td></tr><tr><td>Bladder biopsy and TURBT</td><td>3</td></tr><tr><td>TURP</td><td>3</td></tr><tr><td>Vesicolithotomy and Vesicolithotripsy</td><td>1</td></tr><tr><td>PCNL</td><td>12</td></tr></table>	Bedside ultrasound	1	Endourological and endoscopic	1	Areas	Quantity (cases/trainee/year)	Cystoscopy – rigid and flexible	25	Ureteroscopy	8	Insertion of JJ stent	12	TRUS guided prostate biopsy	12	Bladder biopsy and TURBT	3	TURP	3	Vesicolithotomy and Vesicolithotripsy	1	PCNL	12
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PCNL	12																							
7	Minimum qualifications and experience of Head of Programme (Standard 6.2.2)	i. 5 years of working experience after national specialist registration ii. Experience in administration and/or academic management																						

Note : These criteria represent the minimum standards. Each educational programme provider may exercise their autonomy to state criteria above and beyond these minimum standards.

ACKNOWLEDGEMENT

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