

Fellowship Curriculum

The Urolithiasis and Endourology Fellowship Program is a structured one-year training program accredited by the Endourology Society, providing advanced clinical, surgical, and academic training within a tertiary referral urology center.

The program begins with a formal orientation to ensure trainee familiarity with institutional clinical systems, operating room protocols, and academic responsibilities.

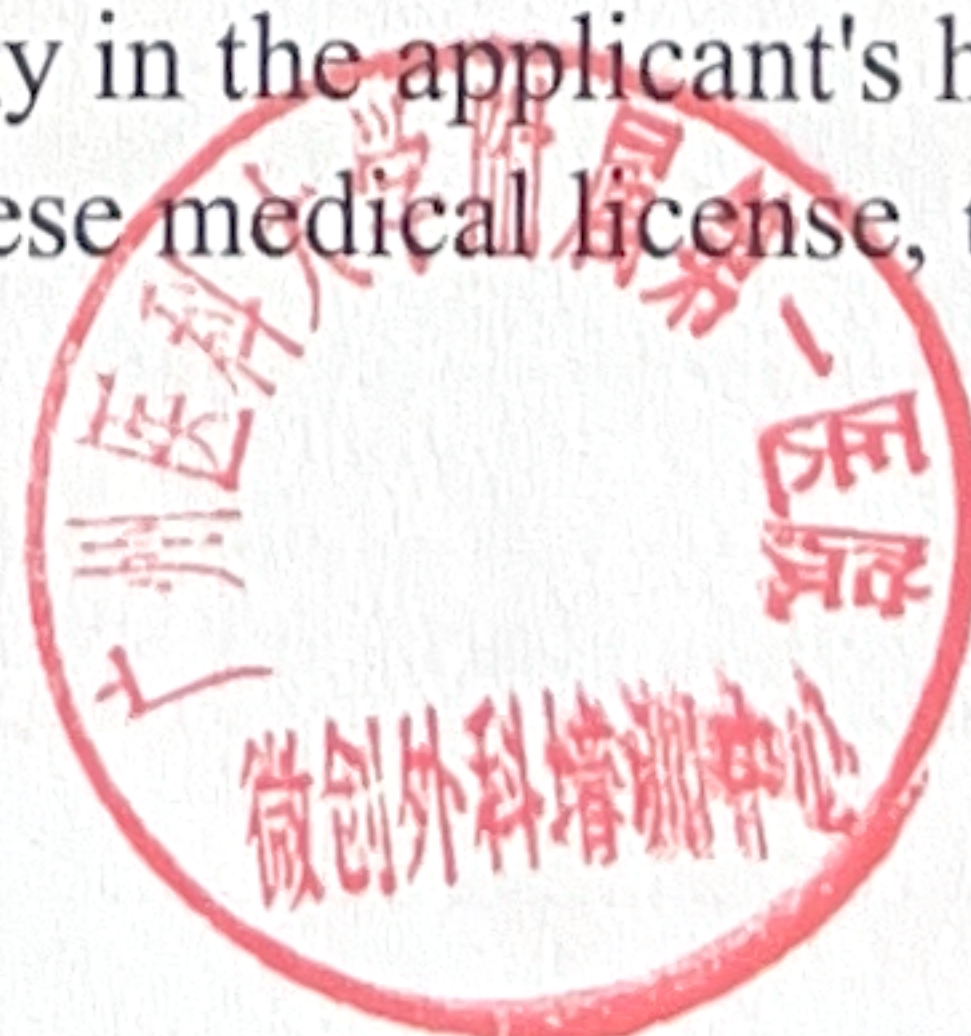
Throughout the fellowship year, the fellow functions as an integral member of the department with progressive responsibility in clinical care and educational activities.

Training follows a competency-based model supported by a structured logbook and formal assessment using the Objective Structured Assessment of Technical Skills (OSATS).

Trainee performance is monitored through scheduled quarterly evaluations and a final comprehensive assessment at program completion, ensuring achievement of defined clinical and academic outcomes in alignment with international fellowship standards.

Fellowship Eligibility:

- Board certification, master's degree, or equivalent qualification in Urology
- Basic endourological skills, including foundational knowledge of endoscopic urology
- Proficiency in English; proficiency in Chinese language is an advantage but not mandatory
- Valid Basic Life Support (BLS) certification
- Valid medical license to practice urology in the applicant's home country
- Medical registration or temporary Chinese medical license, to be arranged by the hosting hospital as required



Quarter	1 st Quarter
Goal	Develop foundational knowledge and supervised practical skills in basic and intermediate endourological procedure
Clinical Contents	Laser lithotripsy TURP/TURBT PCNL under US guidance Stent procedures Ultrasound training sessions Dry Lab Training Skills & Simulation Lab DaVinci simulation training (100Hrs)
Activity	Research seminar, meeting, case conference, special lecture Attend stone clinic
Research	-
Clinical Participation	First 25 cases as first assistant then proceed as Primary surgeon
No. of Cases	>100 cases

Quarter	2 nd Quarter
Goal	Perform intermediate endourological procedures with increasing autonomy and gain structured exposure to advanced techniques
Clinical Contents	RIRS (FANS) Prostatic surgeries (HoLEP, ThoLEP and BipoleP) TURBT/TURP PCNL (Standard, MiniPCNL, SMP) Fluro and US guidance Attend stone and Prostate clinics Ultrasound training sessions Dry Lab Training Skills & Simulation Lab DaVinci simulation training (100Hrs) Optional exposure: Robotic ergonomic & visualization exposure Robotic procedures workflow (prostatectomy, Nephrectomy)
Activity	Research seminar, meeting, case conference, special lecture
Research	Discussion of research topics
Clinical Participation	Continue as Primary surgeon (Endo)
No. of Cases	>100 cases



Quarter	3 rd Quarter
Goal	Perform advanced endourological procedures with supervised independence and participate in complex case planning and execution
Clinical Contents	Advanced RIRS (FANS) Prostatic enucleation (HoLEP , ThoLEP and BipoleP) TURBT/TURP PCNL (Standard, MiniPCNL, SMP) Fluro and US guidance Optional exposure: Robotic ergonomic & visualization exposure Robotic procedures workflow (prostatectomy, Nephrectomy, Partial nephrectomy) Single-port robotic surgery
Activity	Research seminar, meeting, case conference, special lecture
Research	Prepare and write a clinical paper
Clinical Participation	Continue as Primary surgeon (Endo)
No. of Cases	>150 cases



Quarter	4 th Quarter
Goal	Demonstrate independence clinical judgment and surgical competence in advanced endourology including complex stone surgery, BPH enucleation and complication management
Clinical Contents	Advanced RIRS (FANS) Prostatic enucleation (Rezum, HoLEP , ThoLEP and BipoleP) TURBT/TURP PCNL (Standard, MiniPCNL, SMP) Fluro and US guidance Optional exposure: Robotic procedures (Prostatectomy, Nephrectomy, Partial nephrectomy) Single-port robotic surgery
Activity	Research seminar, meeting, case conference, special lecture Conduct OSATS assessment Leads Hand-On workshops
Research	Write and finalize a clinical paper
Clinical Participation	Continue as Primary surgeon (Endo)
No. of Cases	>150 cases

