

Graduate Outcomes

Surgical Education and Training (SET) Program in Urology

Urologists who have completed the SET Program in Urology will demonstrate a comprehensive knowledge of contemporary urology and the basic science underpinning surgical practice. They will be able to assess and manage the full spectrum of urological disease while displaying the professional competencies of a surgeon within the healthcare team.

Graduating urologists will be able to:

Communication

- Establish professional therapeutic relationships with patients and their families
- Gather and synthesise accurate information, including patient perspectives
- Communicate information with patients and their families to facilitate shared decision making.
- Appropriately document, store and share information from clinical interactions.

Teamwork and Collaboration

- Work effectively with other professionals as part of the healthcare team
- Promote understanding, managing differences and resolve conflicts with colleagues
- Handover appropriately to facilitate the continuity of safe patient care

Health Advocacy

- Respond to the health needs of individuals, colleagues, and the community
- Advocate for improvement in health care and the working environment.

Leadership and Management

- Contribute to the effectiveness of health care organisations and systems
- Effectively manage oneself and others
- Utilise healthcare resources effectively
- Lead and inspire colleagues

Professionalism and Ethics

- Demonstrate a commitment to ethical practice
- Demonstrate a commitment to their patients, profession and community through participation in profession-led regulation
- Recognise and manage medico-legal issues and risk
- Demonstrate self-health and well-being.

Education and Research

- Maintain and improve practice through life-long learning
- Promote evidence informed decision making
- Demonstrate knowledge and skills appropriate for fostering scientific inquiry
- Facilitating the learning of others.

Cultural Competency and Safety

- Foster a culturally safe and respectful healthcare environment
- Promote cultural competency and safety for Maori, Pacific Island, Aboriginal and Torres Strait Islander peoples

Medical Expertise, Clinical Decision Making and Technical Skills

Apply a thorough understanding of the medical sciences applicable to the practice of urology including relevant:

- embryology, anatomy, physiology and immunology in health and disease
- pathological basis of disease affecting the genitourinary tract
- principles of available therapeutic interventions, including relevant equipment, prostheses and technological innovations.
- perioperative care of urological patients.

Manage the entire spectrum of genitourinary disease encompassing:

- Disease of the upper urinary tract including obstruction and its causes, congenital and benign renal and ureteric conditions, renal failure, and transplantation.
- Urolithiasis comprising mechanisms of stone development, appropriate management of calculi and their complications, evaluation and prevention of stone formation.
- Conditions affecting the lower urinary tract and pelvic floor, including obstruction, stricture disease, bladder and pelvic floor neuromuscular dysfunction, prolapse and incontinence.
- Andrology and sexual health, encompassing normal sexual development and function, and anomalies thereof, including pelvic pain, infertility, androgen deficiency and erectile dysfunction.
- Congenital uropathology, including hypospadias, disorders of sex development, vesicoureteric reflux and bladder exstrophy – epispadias complex.
- Trauma involving the urinary tract and its general and specific management.
- Oncology, incorporating management of all oncological conditions arising from or involving the urinary tract, or impacting on genitourinary function, including participation in multidisciplinary care.
- Infection and inflammation including the management of all infectious agents impacting the urinary tract, inflammatory processes such as radiation and chemical induced injury, prostatitis and pelvic pain syndromes.

Perform surgical procedures to treat urological conditions, including but not limited to nephrectomy, total prostatectomy, cystectomy with urinary diversion, inguinal-scrotal procedures, endourology and percutaneous nephrolithotomy.