Recognising genitourinary (GU) cancer
First steps – diagnosis to treatment

World class cancer care delivered locally
Canopy Cancer Care is a leading private clinic for adult cancer patients. Our team specialises in the care of patients requiring cancer treatment. The Canopy vision is to offer New Zealanders the option of world class cancer care, delivered locally. Every day and with every patient we work towards this goal.

The Canopy team has been providing an international standard of care for over eight years. During this time we have built a strong team who are all passionate about our patients and the outcomes that matter to them most.

**We have world class facilities located in**

- Epsom, Auckland
- Takapuna, Auckland
- Tauranga, Bay of Plenty
- and now also in Whangarei, Northland

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**An online news channel for the cancer community**

Canopy TV aims to provide interesting and topical information to cancer patients and their families, increase people’s understanding of cancer and showcase interesting clinical developments in cancer treatment.

[www.canopycancercare.co.nz/canopytv](http://www.canopycancercare.co.nz/canopytv)

**A toolkit of evidence based complementary therapies**

Under the Canopy gives patients access to relevant non-medical services as they need them either during or after chemotherapy or other oncology treatments. Services include physio, oncology massage, diet and nutrition advice and exercise support.

[www.canopycancercare.co.nz/underthecanopy](http://www.canopycancercare.co.nz/underthecanopy)
What is genitourinary cancer?
Genitourinary (GU) cancers is a specialised field focusing on cancers found in the urinary system and the male reproductive system. These include prostate cancer, renal cancer, bladder cancer, testicular and cancer of the penis.

Prostate cancer

Types of prostate cancer
Adenocarcinoma – 99% of Prostate cancer is this type.

Incidence
Each year in New Zealand approximately 3,000 men are diagnosed with prostate cancer and approximately 600 men die from the disease; 80% of diagnoses are for men aged 60 years or more. 4 in every 100 male deaths are due to Prostate cancer.

Survival rates
The 5 year survival rate for most men with local or regional prostate cancer is nearly 100%. For men diagnosed with prostate cancer that has spread to other parts of the body the 5 year survival rate is 30%.

Potential risk factors
• Age – Prostate cancer mainly affects men over the age of 50 and the risk increases with age
• Family history – chance of prostate cancer is doubled if father or brother has a history of prostate cancer

Early warning signs of prostate cancer
• Burning or pain during urination
• Difficulty urinating or trouble starting and stopping whilst urinating
• Nocturia
• Loss of bladder control
• Decreased flow or velocity of urine stream
• Blood in urine (Haematuria)
• Blood in semen
Bladder/urothelial cancer

Urothelial cancers encompass carcinomas of the bladder, ureters and renal pelvis. Patients with cancer of the upper urinary tract have a 30 – 50% chance of developing cancer of the bladder at some point in their lives.

Types of bladder cancer

Non muscle invasive bladder cancer (Superficial bladder cancer) - tumours found in the inner lining of the bladder, the urothelium or in the lamina propria.

Muscle invasive bladder cancer - cancer has spread beyond the urothelium and lamina propria into the muscle (muscularis propria) or surrounding fatty tissue (perivesical tissue).

Histological types of bladder cancer:

Urothelial cancer - 80 – 90% start in urothelial cells lining the bladder wall. Sometimes called TCC.

Squamous cell carcinoma - accounts for 1 – 2% of all bladder cancer and more likely to be invasive.

Adenocarcinoma - accounts for about 1% of all cases and likely to be invasive.

Incidence

The incidence of bladder cancer at 65 years and above is nearly six times higher than at 45 – 64 years and the mortality is 12 times higher in the older age group.

Survival rates

The general 5 year survival rate for people with bladder cancer is 77%. The overall 10 year survival rate is 70% and 15 year survival rate is 65%. Survival rates depend on type and stage of bladder cancer when diagnosed.

Potential risk factors

Cause not always clear, but the risk of developing bladder cancer increases with

- Older age
- Smoking
- Gender - men are 3 – 4 times more likely to develop bladder cancer
- Chronic urinary tract infections
- Unsafe exposure to some industrial chemicals

Signs of bladder cancer

- Blood in urine (Haematuria)
- Urinary frequency or urgency
- Pain on urination
Testicular cancer

Types of cancer
In men under 60, 95% of testicular tumours originate in the germ cells. These tumours fall into one of two types:
Seminoma  |  Nonseminoma

Incidence
According to New Zealand MoH statistics, 137 cases of testicular cancer were diagnosed in NZ in 2013 (34 Maori) and 6 men died from their cancer.

Survival rates
Now almost 90% of men with metastatic disease are cured of their cancer. The survival rate for men diagnosed with Stage 1 seminoma is about 99%. The survival rate for Stage 1 non-seminoma is about 98%.

Potential risk factors:
• Cause unknown
• Risk is higher than average if born with undescended testicles or cryptorchidism
• In NZ risk is higher in Maori population although cause unknown

Signs or symptoms of testicular cancer
• Painless lump found in either testicle
• Feeling of heaviness in the scrotum
• Swelling of the scrotum
• Pain, discomfort or numbness in a testicle or the scrotum with or without swelling
• Dull ache in the lower abdomen or groin
• Swollen lymph nodes
• Lower back pain
• Weight loss
• Fatigue
Canopy Cancer Care GU tumour team

The Canopy genitourinary team is made up of a group of medical oncologists focused on the cancers of the urinary system and male reproductive organs. This team is made up of Dr Fritha Hanning, Peter Fong, Osama Salih and Carmel Jacobs in Auckland; Drs Vince Newton in Whangarei and Richard North, Michelle Head and Elliot Brenman in Tauranga.

The team is supported by specialist genitourinary nurses Karen Nolan and Samantha James.

If you have an adult or young adult patient with a GU cancer, please contact Canopy Cancer Care with a referral to the GU team.

Canopy specialise in the care of patients requiring intensive surveillance, treatment with hormone therapy, chemotherapy and immunotherapy therapies.

Meet the Canopy GU team

Oncologists

Dr Fritha Hanning
MBChB, MRCP, FRACP
Specialties: Prostate, Renal, Testicular, Bladder

Dr Peter C. Fong
MBBS, FRACP
Specialties: Prostate, Gynaecological and Phase I Drug Development

Dr Osama Salih
MBBS, DTM&H, FRACP
Specialties: Gastro-Intestinal (GI), Gynaecological and Head & Neck

Dr Carmel Jacobs
MBChB, FRACP
Specialties: Breast, Genitourinary, Prostate

Dr Vincent Newton
BSc, MBChB, FRACP
Specialties: Gynaecological, Genitourinary (GU) and Lung

Dr Richard North
BHB, MBChB, FRACP
Specialties: Genitourinary, Gastro-Intestinal (GI), Head & Neck, Lung, Lymphoma, Melanoma

Dr Michelle Head
BHB, MBChB, FRACP
Specialties: Breast, Head & Neck, Gastro-Intestinal (GI), Lymphoma, Lung, Melanoma

Dr Elliott Brenman
BMedSci, BMBS, MRCP (UK), FRACP
Specialties: Genitourinary, Gynaecological, Lung, Melanoma
Specialist nurses

Samantha James
Specialist GU Nurse

Karen Nolan
Specialist Renal Nurse

Administration support

Tenia Brendling
Scheduler

Dale Tappin
Scheduler – Auckland and Whangarei

Justine Nathan
Scheduler – Tauranga

Treatment options and referral options

If you have a patient experiencing the above symptoms, they may need to see a
• Urologist • Specialist Surgeon

Followed by
• Radiation oncologist and/or medical oncologist

Making a referral is easy

or contact: admin@canopycancercare.co.nz (Auckland and Northland)
or: admintauranga@canopycancercare.co.nz (Tauranga)
or fax: (09) 638 7295 (Auckland and Northland) or fax: (07) 577 0711 (Tauranga)

Canopy Cancer Care locations

Canopy Epsom
98 Mountain Rd
Epsom
Auckland 1023
Ph: 09 623 5602

Canopy North Shore
213 Shakespeare Rd
Takapuna
Auckland 0620
Ph: 06 623 5602

Canopy Tauranga
850 Cameron Rd
Tauranga South
Tauranga 3112
Ph: 07 562 1366

Canopy Whangarei
121 Bank St
Whangarei 0110
Ph: 09 623 5602

www.canopycancercare.co.nz
Why choose Canopy?

**Quick appointment times**
- our target is to have our patients seen by a Specialist within 7 days.

**The highest professional standards**
- comes from selecting only highly experienced and dedicated Specialists, nurses and support staff.

**Personalised treatment plans**
- by professionals committed to delivering quality care, patient experience and outcomes.

**Global sourcing of therapies**
- we will reach across the globe to ensure patients have access to the most effective drug therapies.

**Individualised patient care program**
- with a focus on outcomes that matter to patients, the Under the Canopy program has been specifically designed to support patients navigate their personal cancer journey as comfortably as possible.

**Purpose designed treatment clinics**
- ensuring a calm and relaxed healing environment.

**Canopy TV**
- an online news channel for the cancer community.

**Specialist on call 24/7**
- for complete peace of mind.

**Evidence based care and external accreditation**
- to ensure we are delivering world class care and treatment options.