

# A FOUNDATION COURSE IN CLINICAL INTERVENTIONAL ONCOLOGY

*What you need to know in day-to-day practice*

**March 14 – 15, 2019**

**Melbourne**

## **Faculty**

Prof Andy Adam Interventional Oncologist GSST

Prof David Ball Radiation Oncologist Peter Mac

Dr Nick Brown Interventional Radiologist Wesley/MNHHS

Dr Melissa Eastgate Medical Oncologist Royal Brisbane and Women's Hospital

Prof Liz Kenny Radiation Oncologist Royal Brisbane and Women's Hospital

Prof Catherine Mitchell Pathologist Peter Mac Co-Head of Anatomical Pathology

Assoc Prof David Pryor Radiation Oncologist princess Alexandra Hospital

Assoc Prof Shankar Siva Radiation Oncologist Peter Mac

Prof Costi Sofocleous Interventional Oncologist Memorial Sloan Kettering Cancer Centre

Surgeon – A/Prof Gavin Wright, Lung surgeon, St Vincent's Hospital, Melbourne

Surgeon – Mr Graham Starkey, HPB Surgeon, The Austin Hospital, Melbourne

Surgeon – A/Prof Nathan Lawrentschuk, Urologist, Peter MacCallum Cancer Institute

Anaesthetist - TBA

*Thursday 14 March, 2019.*

1pm            **Welcome** (Nick Brown)

1:10pm:       **Introduction** Andy Adam Four (or five) pillars of cancer treatment

- Why IO is not 'an optional extra' and what it will take to make it 'mainstream'

1.20pm:       **BASICS IN ONCOLOGY:**  
**Melissa Eastgate**  
**Liz Kenny**

**BASICS IN CANCER BIOLOGY – HOW CANCERS DEVELOP AND HOW THEY METASTASISE** Melissa Eastgate

**THE IMPORTANCE OF QUALITY PATIENT CARE AND PATIENT PATHWAYS,** Liz Kenny

**POTENTIAL CURE AND THE CONCEPT OF OLIGO METASTATIC DISEASE** Liz Kenny

2pm:            **BASICS IN CANCER TREATMENT: CANCER DRUGS AND RADIATION TREATMENT**

**Chemotherapy and immunotherapy** Melissa Eastgate

- The essentials of chemotherapy and immunotherapy

**Radiotherapy – EBR and SABR** Liz Kenny

- The essentials of radiotherapy

2:40pm: Break

3.10pm: **SPECIFICS**

**LUNG CANCER**

**Catherine Mitchell**

**Gavin Wright**

**Melissa Eastgate**

**David Ball**

**Costi Sofocleous**

**Lung cancer pathology:** Catherine Mitchell

- Basics of subtypes
- Tissue sample considerations:
  - Transbronchial, Percutaneous, FNA v Core Biopsy, liquid biopsy

3:30pm

**Treatment options for lung cancers: primary and metastases**

- **Surgery, A/Prof Gavin Wright:** basic techniques and outcomes
- **Chemotherapy and immunotherapy:** Melissa Eastgate
- **External radiotherapy and SBRT:** David Ball

4:15pm

**The role of IO in lung cancer** Costi Sofocleous

- IO Techniques and when to use them
- Lung biopsy

*Friday 15 March, 2019*

9am:

**HEPATOCELLULAR CARCINOMA AND HEPATIC METASTASES**

**Catherine Mitchell**

**Graham Starkey**

**David Pryor**

**Melissa Eastgate**

**Costi Sofocleous**

**Pathology:** Catherine Mitchell

- Pathology of liver HCC and metastases
- Approach to sampling/biopsy

9:20am:

**Treatment options: HCC and liver metastases**

**Surgery:** Mr Graham Starkey, basic techniques and outcomes

**Chemotherapy and immunotherapy** Melissa Eastgate

**External radiotherapy and SBRT** David Pryor

10.05am:

**The role of IO in liver malignancy** Costi Sofocleous

- Biopsies
- Liver-directed therapies
- Percutaneous ablation

10:30am **Morning Tea**

11am **RENAL CELL CARCINOMA**

**Catherine Mitchell**  
**Nathan Lawrenstchuck**  
**Melissa Eastgate**  
**Shankar Siva**  
**Andy Adam**

**Pathology** Catherine Mitchell

- Pathological subtypes of renal masses and distinguishing features
- Role of biopsy in renal masses

11:20am: **Treatment options: renal cell carcinoma and metastases**

**Surgery:** A/Prof Nathan Lawrenstchuk, Partial nephrectomy, total nephrectomy  
**Chemotherapy and immunotherapy** for renal cell carcinomas - Melissa Eastgate  
**External radiotherapy and SBRT** Shankar Siva

12.05am: **The role of IO in renal carcinoma** Andy Adam

12:30pm: **Lunch**

#### **CLINICAL PRACTICE**

1.15pm: **Clinical practice in IO** Andy Adam

- How to run an outpatient clinic
- Admitting rights (and how to get them), consultations and follow-up

1:30pm: **Sedation and analgesia for IO procedure**

- Types of sedation
- How to assess patients for fitness for sedation
- Essential principles and methods of sedation monitoring

2pm: **Post-procedure analgesia**

- How to manage post-procedural sedation and analgesia

2:20pm: **Research in IO (Nick Brown)**

- Future roles and research projects
- Collaboration with radiation oncology

\* Please note times and presenters are subject to change