**Med 3 Surgical Oncology Objectives**

**OBJECTIVES:**

Students are expected to understand the basic science related to breast cancer development, variation of tumour biology, and principles of prognosis determination. Students are expected to understand the clinical features of the different types of melanoma and how to estimate prognosis.

Students should understand the aetiology, clinical features & principles of management with respect to the following conditions.

- DCIS
- LCIS
- Invasive Ductal Carcinoma
- Invasive Lobular Carcinoma
- Melanoma subtypes
- Soft tissue sarcomas

Student should understand the application of evidence based medicine in breast cancer surgical management and melanoma surgical management. This is especially with regards early disease but also principles of management of advanced disease.

Student should understand the Risk factors associated with development of breast cancer and melanoma. They should be able to recognize high risk individual and strategies for adequate surveillance in these individuals.

Students should observe and understand the basics of the following procedures

- Lymphoscintigraphy
- Mammography and breast ultrasound
- Principles of wound closure and postoperative wound care
- Breast conservation surgery and sentinel node biopsy
- Axillary dissection
- Mastectomy
- Breast reconstruction
- Melanoma wide excision and sentinel node biopsy
- Groin dissection and / or neck dissection

Student should understand the risks associated with interventional procedures listed above.

Students should understand the mechanisms of multidisciplinary management of the cancer patient and attend at least 3 multidisciplinary meetings, at least 3 medical oncology consulting sessions, 3 radiation oncology consulting sessions and 2 radiology sessions.