

## Care of the person undergoing investigations and clinical procedures:

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| <ul style="list-style-type: none"> <li>• <u>Bone biopsy</u></li> <li>• <u>Bone marrow aspiration and trephine</u></li> <li>• <u>Bronchoscopy</u></li> <li>• <u>Colonoscopy</u></li> <li>• <u>CA-125 testing and vaginal ultrasound</u></li> <li>• <u>CT scan</u></li> <li>• <u>Dermoscopy</u></li> <li>• <u>Digital rectal examination</u></li> </ul> | <ul style="list-style-type: none"> <li>• <u>Fine needle aspiration</u></li> <li>• <u>Fine needle biopsy</u></li> <li>• <u>Interpreting an histopathology report</u></li> <li>• <u>Pet scan</u></li> <li>• <u>Sentinel node biopsy</u></li> <li>• <u>Sequential digital imaging</u></li> <li>• <u>Sputum cytology</u></li> <li>• <u>Total body photography</u></li> <li>• <u>Transrectal ultrasound and biopsy</u></li> </ul> |
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## Multidisciplinary Care:

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| <ul style="list-style-type: none"> <li>• <u>Care coordinators - head and neck, lymphoma</u></li> <li>• <u>Family meetings - oesophageal , osteosarcoma, lymphoma</u></li> <li>• <u>Multidisciplinary teams and treatment planning</u></li> <li>• <u>Role of general practitioners</u></li> <li>• <u>Role of the 'key worker'</u></li> </ul> | <ul style="list-style-type: none"> <li>• <u>Role of the multidisciplinary team - oesophageal, head and neck, lymphoma</u></li> <li>• <u>Specialist breast care nurses</u></li> <li>• <u>Stomal therapy nurses</u></li> </ul> |
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### Nursing assessment of:

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| <ul style="list-style-type: none"> <li>• <u>Bereavement risk - oesophageal, osteosarcoma, lymphoma</u></li> <li>• <u>Breast cancer risk</u></li> <li>• <u>Complementary and alternative medicines use</u></li> <li>• <u>Discharge / community requirements - Lung, head and neck, oesophageal; osteosarcoma, head and neck at end of life</u></li> <li>• <u>End of life needs</u></li> </ul> | <ul style="list-style-type: none"> <li>• <u>Genetic risk</u></li> <li>• <u>Nutritional status</u></li> <li>• <u>Supportive care needs of AYA</u></li> <li>• <u>Supportive care needs - Breast, oesophageal, lymphoma</u></li> <li>• <u>The older person – lymphoma, cancer treatment planning</u></li> <li>• <u>Venous access device requirements - ALL, oesophageal</u></li> </ul> |
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### Providing information and education on specific topics:

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| <ul style="list-style-type: none"> <li>• <u>Accessing information on the internet</u></li> <li>• <u>Antineoplastic therapy for cancer</u></li> <li>• <u>Clinical trials - melanoma, AYA, cancer treatment planning</u></li> <li>• <u>Communication at end of life</u></li> <li>• <u>Evidence based approaches to cancer treatment</u></li> </ul> | <ul style="list-style-type: none"> <li>• <u>Immunisations and cancer treatment</u></li> <li>• <u>Smoking cessation</u></li> <li>• <u>Treatment decision making – cancer treatment planning, prostate, oesophageal</u></li> <li>• <u>Use of interpreters</u></li> </ul> |
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## Care of the person receiving antineoplastic agents:

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| <ul style="list-style-type: none"> <li>• <u>5-fluorouracil and Leucovorin</u></li> <li>• <u>5-fluorouracil and carboplatin</u></li> <li>• <u>Anticipatory effects</u></li> <li>• <u>Cisplatin and etoposide</u></li> <li>• <u>Classification of antineoplastic agents</u></li> <li>• <u>CHOP-R</u></li> <li>• <u>Considerations for the older person</u></li> <li>• <u>Immediate effects</u></li> <li>• <u>Intraperitoneal therapy</u></li> <li>• <u>Isolated limb infusion / perfusion</u></li> <li>• <u>Long-term effects</u></li> </ul> | <ul style="list-style-type: none"> <li>• <u>Methotrexate (high dose), doxorubicin, cisplatin, ifosfamide</u></li> <li>• <u>Models of care</u></li> <li>• <u>Paclitaxel and carboplatin</u></li> <li>• <u>Pharmacodynamics</u></li> <li>• <u>Pre-treatment considerations</u></li> <li>• <u>Principles of administration</u></li> <li>• <u>Role of antineoplastic therapy in cancer control</u></li> <li>• <u>Routes of administration</u></li> <li>• <u>Safe handling</u></li> <li>• <u>Short-term effects</u></li> <li>• <u>Toxicity grading scales</u></li> </ul> |
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## Care of the person having surgery:

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| <ul style="list-style-type: none"><li>• <u>Diagnostic surgery</u></li><li>• <u>Definitive (or curative) surgery</u></li><li>• <u>Factors influencing the use of surgery</u></li><li>• <u>Fast track surgery</u></li><li>• <u>Intraoperative management</u></li><li>• <u>Minimally invasive surgery</u></li><li>• <u>Palliative surgery</u></li><li>• <u>Pre-operative education</u></li><li>• <u>Pre-operative preparation - colorectal, prostate, Individual assessment, Site specific assessment</u></li><li>• <u>Pre procedural preparation of children</u></li><li>• <u>Post-operative care</u></li></ul> | <ul style="list-style-type: none"><li>• <u>Prophylactic surgery</u></li><li>• <u>Rehabilitative (or reconstructive) surgery</u></li><li>• <u>Robotics</u></li><li>• <u>Surgical approaches for ovarian cancer</u></li><li>• <u>Surgical approaches for lung cancer</u></li><li>• <u>Surgical approaches for colorectal cancer</u></li><li>• <u>Surgical approaches for prostate cancer</u></li><li>• <u>Surgical approaches for melanoma</u></li><li>• <u>Surgical approaches for breast cancer</u></li><li>• <u>Surgical approaches for osteosarcoma</u></li><li>• <u>Surgical approaches for head and neck cancer</u></li><li>• <u>Stoma care</u></li></ul> |
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### Care of the person having radiotherapy:

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| <ul style="list-style-type: none"><li>• <u>Acute effects of radiotherapy</u></li><li>• <u>Brachytherapy – prostate, fundamentals of radiotherapy for cancer</u></li><li>• <u>Combined modality treatment (CMT) – head and neck, fundamentals of radiotherapy for cancer</u></li><li>• <u>External beam radiotherapy – prostate, lung, melanoma, breast, oesophageal, fundamentals of radiotherapy for cancer</u></li></ul> | <ul style="list-style-type: none"><li>• <u>Late effects of radiotherapy</u></li><li>• <u>Management of responses to radiotherapy</u></li><li>• <u>Principles of radiation safety</u></li><li>• <u>Radiotherapy service delivery</u></li><li>• <u>Role of radiotherapy in cancer control</u></li><li>• <u>Treatment planning and preparation</u></li></ul> |
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## Care of the person having cancer biological and molecular targeted therapies:

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| <ul style="list-style-type: none"><li>• <u>Androgen deprivation therapy</u></li><li>• <u>Angiogenesis inhibitors</u></li><li>• <u>Cancer vaccines</u></li><li>• <u>Categories of agents</u></li><li>• <u>Cellular therapies</u></li><li>• <u>Cytokines</u></li><li>• <u>Cytokine release syndrome</u></li><li>• <u>Endocrine therapy</u></li></ul> | <ul style="list-style-type: none"><li>• <u>Flu like symptoms</u></li><li>• <u>Interferon-alpha2b</u></li><li>• <u>Miscellaneous agents</u></li><li>• <u>Monoclonal antibody therapy - Trastuzumab, Fundamentals of biological and molecular targeted therapies</u></li><li>• <u>Principles of administration</u></li><li>• <u>Radioimmunotherapy</u></li></ul> |
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## Care of the person receiving haematopoietic stem cell transplantation (HSCT):

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| <ul style="list-style-type: none"><li>• <u>Acute effects of HSCT</u></li><li>• <u>Conditioning regimens</u></li><li>• <u>Chronic effects of HSCT</u></li><li>• <u>Discharge and follow up care</u></li><li>• <u>Donor considerations</u></li><li>• <u>Engraftment and recovery</u></li><li>• <u>Ethical issues in HSCT</u></li><li>• <u>Haematopoiesis</u></li><li>• <u>Harvesting and storage of stem cells</u></li></ul> | <ul style="list-style-type: none"><li>• <u>Late effects of HSCT</u></li><li>• <u>Preparation for transplantation</u></li><li>• <u>Principles of transplantation</u></li><li>• <u>Recipient considerations</u></li><li>• <u>Role of HSCT in cancer control</u></li><li>• <u>Service delivery in HSCT</u></li><li>• <u>Sources of haematopoietic stem cells</u></li><li>• <u>Transfusion of BM / PBSC</u></li><li>• <u>Transplant immunology</u></li></ul> |
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## Providing supportive care for cancer symptoms and treatment effects:

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| <ul style="list-style-type: none"> <li>• <u>Administration of colony stimulating factors</u></li> <li>• <u>Ascites</u></li> <li>• <u>Bladder and bowel dysfunction – fundamentals of cancer surgery, fundamentals of radiotherapy for cancer</u></li> <li>• <u>Blood and blood product administration - ALL, lymphoma</u></li> <li>• <u>Cardiotoxicity – fundamentals of biological and molecular targeted therapies</u></li> <li>• <u>Cognitive impairment</u></li> <li>• <u>Dyspnoea - lung, lymphoma</u></li> <li>• <u>Fatigue - lung, breast, lymphoma, fundamentals of radiotherapy for cancer</u></li> <li>• <u>Febrile neutropenia</u></li> <li>• <u>Fertility - ovarian, osteosarcoma</u></li> <li>• <u>Fungating wounds</u></li> <li>• <u>Hypercalcaemia</u></li> <li>• <u>Immunosuppression - Fundamentals of biological and molecular targeted therapies</u></li> <li>• <u>Late effects - ALL, colorectal, osteosarcoma, head and neck</u></li> <li>• <u>Lymphoedema - melanoma, breast, fundamentals of cancer surgery,</u></li> <li>• <u>Management of prophylactic feeding tubes -</u></li> </ul> | <ul style="list-style-type: none"> <li><u>oesophageal, head and neck</u></li> <li>• <u>Metallic taste</u></li> <li>• <u>Mucositis – head and neck, fundamentals of radiotherapy for cancer</u></li> <li>• <u>Myelosuppression</u></li> <li>• <u>Nausea and vomiting - ALL, lymphoma</u></li> <li>• <u>Nutritional compromise – oesophageal, head and neck, head and neck at end of life, lymphoma</u></li> <li>• <u>Pain - lung, ALL</u></li> <li>• <u>Pericardial effusion</u></li> <li>• <u>Peripheral neuropathy</u></li> <li>• <u>Pleural effusion</u></li> <li>• <u>Relapse / recurrence - ALL, prostate, oesophageal, osteosarcoma, head and neck, lymphoma</u></li> <li>• <u>Sexual dysfunction - prostate, ovarian, fundamentals of cancer surgery, fundamentals of radiotherapy for cancer</u></li> <li>• <u>Skin reaction - prostate, breast, head and neck, fundamentals of radiotherapy for cancer, fundamentals of biological and molecular targeted therapies</u></li> <li>• <u>Spinal cord compression</u></li> <li>• <u>Stoma care</u></li> <li>• <u>Tumour lysis syndrome - ALL, lymphoma</u></li> </ul> |
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