

Module Specification

Module Summary Information

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| 1 | Module Title | Systemic Anti-Cancer Drug Therapy (Chemotherapy): Principles, Practice, and Care – level 6 |
| 2 | Module Credits | 20 |
| 3 | Module Level | LEVEL 6 |
| 4 | Module Code | LBR6549 |
| 5 | Semester Taught | 2 |

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| 6 | Module Overview |
| <p>This module is designed for health care practitioners who administer Systemic Anti-Cancer drug therapy and/or who care for these patients whilst undergoing this treatment.</p> <p>Most patients with cancer will require systemic Anti-Cancer therapy (SACT). It is vital that those who work with patients with cancer are supported with appropriate education and reflective practice, to drive up the quality of care for these patients. This module provides you with the opportunity to learn about the principles and holistic care of a patient receiving SACT. By being able to understand this better, it will lead to:</p> <ul style="list-style-type: none"> • Administering SACT safely and effectively • Advising patients appropriately, • Enable improved evidence-based discussions and practice <p>This module can also be studied as a standalone module. This module is delivered completely online incorporating course teaching material and a variety of learning activities, such as online lectures, forums, quizzes and workshops. You are expected to participate and engage with the module material which is available on the module MOODLE site. The module assessment is a written examination. Tutorial support will be offered via video tutorials, chat forums, email and telephone.</p> <p>This module aligns with the Professional Practice Programme philosophy and is designed to be flexible, and practice led. You will have the opportunity to develop skills of enquiry, reflection and problem solving. A blended learning approach is taken in line with the university's learning and teaching strategy. You will be encouraged to think critically and share practice experiences with your fellow students, as well as engaging in both directed and self-directed learning activities. You will be an active partner in your own learning and development and in return you will receive regular feedback and feedforward aimed at developing your academic skills and have the opportunity to discuss your progress with the module team.</p> | |

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| 7 | Indicative Content |
| <ul style="list-style-type: none"> • Principles of the normal cell cycle • Principles of pharmacology of SACT agents on the cell cycle • Principles of Immunology • Principles of SACT in non-malignant conditions • Principles of Modes of Delivery • Principles of extravasation it's management • Principles of related therapies • Principles of cannulation and central venous access devices • Principles of health and safety • Principles and Management of a cytotoxic spillage • Principles of preparatory investigations • Principles and management of SACT side effects | |

- Principles of SACT emergencies
- Principles of psychosocial impacts of receiving SACT

| 8 | | Module Learning Outcomes |
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| On successful completion of the module, students will be able to: | | |
| 1 | Utilising academic skills, retrieve and apply appropriate evidence to demonstrate critical arguments required at level 6. | |
| 2 | Explore how the pharmacological properties of anti-cancer drugs and their role at various stages of the cell cycle, impacts on their administration. | |
| 3 | Examine the holistic management of patient's when receiving systemic anti-cancer therapy. | |
| 4 | Critically analyse the health and safety, professional and legal aspects of administration of anti-cancer drug therapy. | |

| 9 | | | | Module Assessment |
|-------------------------|------------|------|-----------|-------------------|
| Learning Outcome Number | Coursework | Exam | In-Person | |
| 1,2,3,4 | | 100% | | |

| 10 | | | Breakdown Learning and Teaching Activities |
|--|-------|---|--|
| Learning Activities | Hours | Details of Duration, Frequency and other comments | |
| Scheduled Learning (SL) includes lectures, practical classes and workshops as specified in timetable | 45 | <u>These timings are approximate.</u> Online induction to module activities: 4 x 0.5 hr =2 Online lectures: 16 x 1.5hr=24 3 x 0.5 hr =1.5 Online activities: 12 x 0.5 =6 2 x 1.5 hr =3 Online seminars 4 x 1hr =4 Reading activities 4 x 0.5 hr=2 Tutorial 1 x 1hr Mock exam 1.5 hr | |
| Private Study (PS) includes preparation for exams | 155 | <u>These timings are approximate, and the frequency will be dictated by the student.</u> Searching further literature 20 hr Reading literature 20 hr Note taking 20 hr Revising for assessment exam paper. 94 hr Tutorial 1 x 1hr | |
| Total Study Hours: | 200 | | |

11 | Key Texts and Online Learning Resources

Local healthcare institution policies and guidance

Government Papers

Airley, R, and Goldberg, G,S. (2020) *Cancer Chemotherapy: Basic Science to the Clinic*. 2nd ed. Hoboken, NJ: Wiley Blackwell.

Dougherty, L, Lister, S. and McNamara, L. (2018) *The Royal Marsden Manual of Cancer Nursing Procedures*. Chapter 4 pp405

Cancer Nursing Practice Journal.