

Principles of Systemic Anti-Cancer Therapy (SACT)

This module will provide healthcare practitioners with the theory that underpins the delivery of holistic care to patients with cancer receiving SACT - within the context of the multi-professional healthcare team.

Focusing on the evidence base, the module addresses the pathophysiology of cancer, principles of systemic anti-cancer therapy, including chemotherapy, and the legal, ethical, and safety issues inherent in its use. The module will help the learner to develop the skills to identify and manage the common side effects of SACT, considering the impact of these treatments on the patient's physical, psychological, and psychosocial wellbeing.

The module aims to provide learners with an opportunity to develop the knowledge and skills required to care for patients with cancer undergoing systemic anti-cancer therapy (SACT), including chemotherapy, through the utilisation of evidence-based practice and current research into the effectiveness of treatment and care.

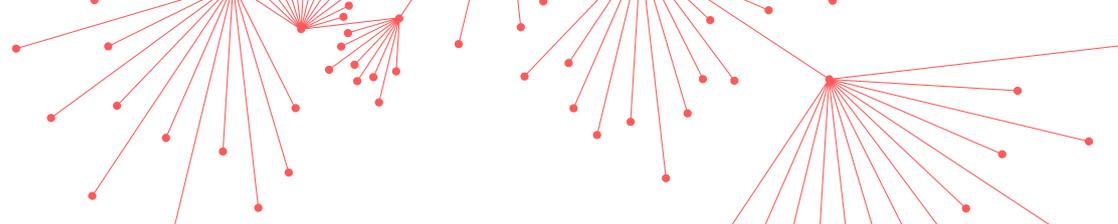
This module is closely aligned with the Cancer Nursing Education Framework (EONS 2018) and Career Pathway and Education Framework for Cancer Nursing (RCN 2022) and ACCeND (under development).

All theory will be linked to the outcomes from the UKONS SACT competency passport.

Key topics

- Pathophysiology of cancer in relation to SACT treatments
- Professional and legal aspects of SACT administration
- National SACT standards, guidelines, and procedures
- Classification of SACT agents and their mechanisms of action
- Principles of SACT administration, risk management and management of adverse effects
- Holistic assessment of the patient and older SACT patient
- Patient and family experience of SACT and living beyond treatment
- Patient and carer education and support
- Ethical issues
- Quality of life issues, including fertility and sexuality issues
- Oral SACT therapies
- Toxicity management





Duration

It runs over approximately 12 weeks.

Cost

£1,300 for academic year 2022/23.

Academic credits and level

20 credits at level 6 or 7.

Hours of study

200 hours.

Assessment

Level 6: Case Study: 2,000 words

Level 7: Case Study: 3,000 words

Entry requirements

The learner will be a healthcare professional currently working with People Affected by Cancer having SACT.

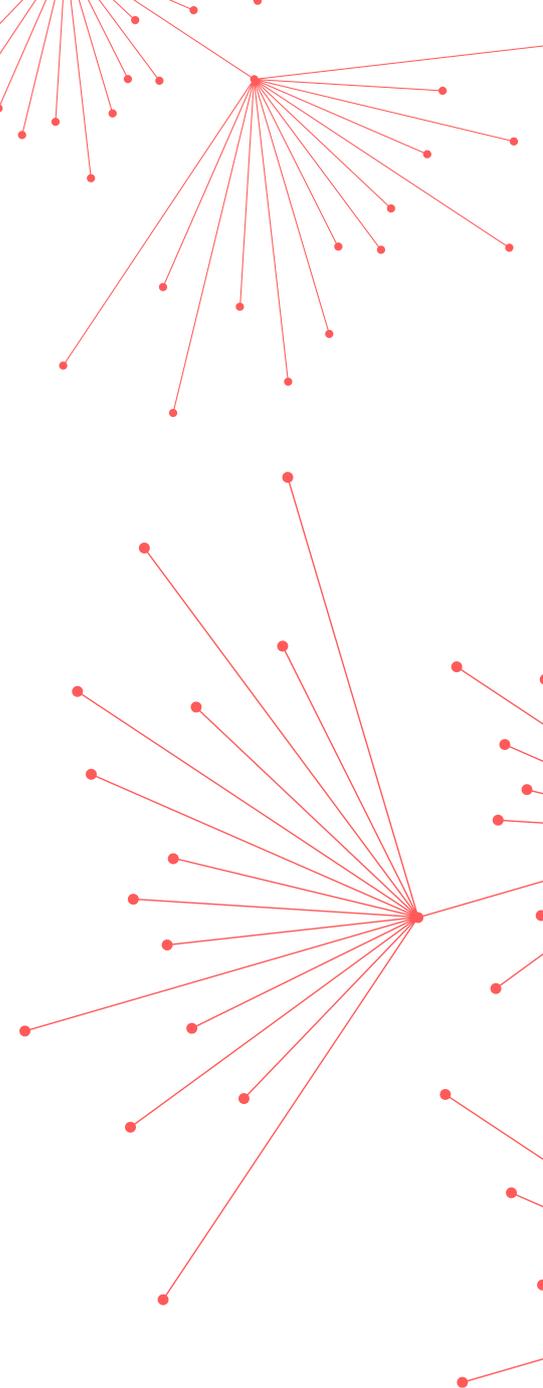
Learning outcomes

On successful completion of the module at level 6 you should be able to demonstrate achievement of the following learning outcomes:

- 1 Critically discuss the mode of action of the major groups of SACT agents – cytotoxic, biological therapies and hormone therapy.
- 2 Evaluate the physiological impact of systemic anti-cancer therapies including chemotherapeutic agents on individuals.
- 3 Explore the knowledge and skills required to safely assess, plan, implement and evaluate the care of PABC throughout the SACT pathway.
- 4 Analyse strategies to prevent, reduce, educate and manage SACT-related toxicities in collaboration with the patient, carers, and the multi-professional team to improve outcomes.

On successful completion of the module at level 7, you should be able to demonstrate achievement of the following learning outcomes:

- 1 Demonstrate an in-depth understanding of the biological principles of systemic anti-cancer therapies (SACT) including cytotoxic, hormone and biological therapies and critically explore their implications for practice.
- 2 Critically appraise the physical and psycho-social impact of SACT on the patient and their carers.
- 3 Critically analyse the clinical judgement and decision-making skills required to safely assess, plan, deliver and evaluate comprehensive care for PABC throughout the SACT pathway.
- 4 Critically evaluate and synthesise evidence to inform support, educate and apply management strategies to improve SACT service delivery, patient care and outcomes.
- 5 Critically explore the impact of professional roles on SACT service development and patient outcomes within the context of healthcare quality indicators.



To apply and further information

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