

Paediatric Antineoplastic Drug Administration Course (Paediatric ADAC)

Information sheet

Version 3.0 | 01 February 2017



Contents

Antineoplastic Drug Administration Course	3
ADAC program	3
Related documentation	4
Related courses	4
Structure of ADAC	5
Certificates of completion	8

Antineoplastic Drug Administration Course

The Paediatric Antineoplastic Drug Administration Course (Paediatric ADAC) supports health professionals develop the necessary knowledge and clinical skills to administer antineoplastic drugs and handle related waste safely. ADAC was developed by the Cancer Institute NSW and follows a strict governance process. The Cancer Institute NSW is committed to maintaining the course and has set timeframes when the course will be reviewed and updated.

The content of the course is developed to align with requirements of the National Safety and Quality Health Service Standard 4: medication safety. Additionally ADAC sets a minimum standard of competency required for the safe administration of antineoplastic drugs and handling of related waste.

The course consists of seven modules comprising of online learning and assessment as well as practical assessments in the form of competency assessments. The course also includes a one day workshop to consolidate theory to clinical practice. The modules are supported by eviQ content to ensure they are based upon the best and most comprehensive evidence available at the time of development.

Paediatric ADAC is designed for registered nurses but some modules within the course may be relevant to other health care professionals, for example the module: *Handling antineoplastic drugs and related waste safely* is applicable to both clinical and non clinical staff in cancer services.

There are three exit points in the courses for those participants only requiring education to a certain skill level.

Prerequisites to completing the course are determined by the local health facility and examples include:

- Demonstrated patient assessment skills
- Demonstrated patient teaching skills
- Proficiency in IV administrations of medications
- Proficiency in management of CVADs
- Proficiency in venepuncture.

ADAC program

Since the first release in 2012 ADAC has expanded and is now considered a program of work with three related courses. All content within the four courses is aligned to ensure there is a consistent and accurate message about the safe administration of antineoplastic drugs and handling of related waste.

Other courses in the ADAC program include:

- Antineoplastic Drug Administration Course (adult)
 - › This course has the same structure as the paediatric course with the only difference being the case studies are adult case studies.
- Antineoplastic drug administration for the non-cancer setting
 - › This course is designed for health professionals who administer antineoplastic drugs to people who do not have a cancer diagnosis.
- ADAC reassessment of clinical competency
 - › This course is designed to support health professionals refresh their knowledge and clinical skills in the safe administration of antineoplastic drugs and safe handling of related waste.

Related documentation

Participants may access the following documents for more comprehensive information on Paediatric ADAC:

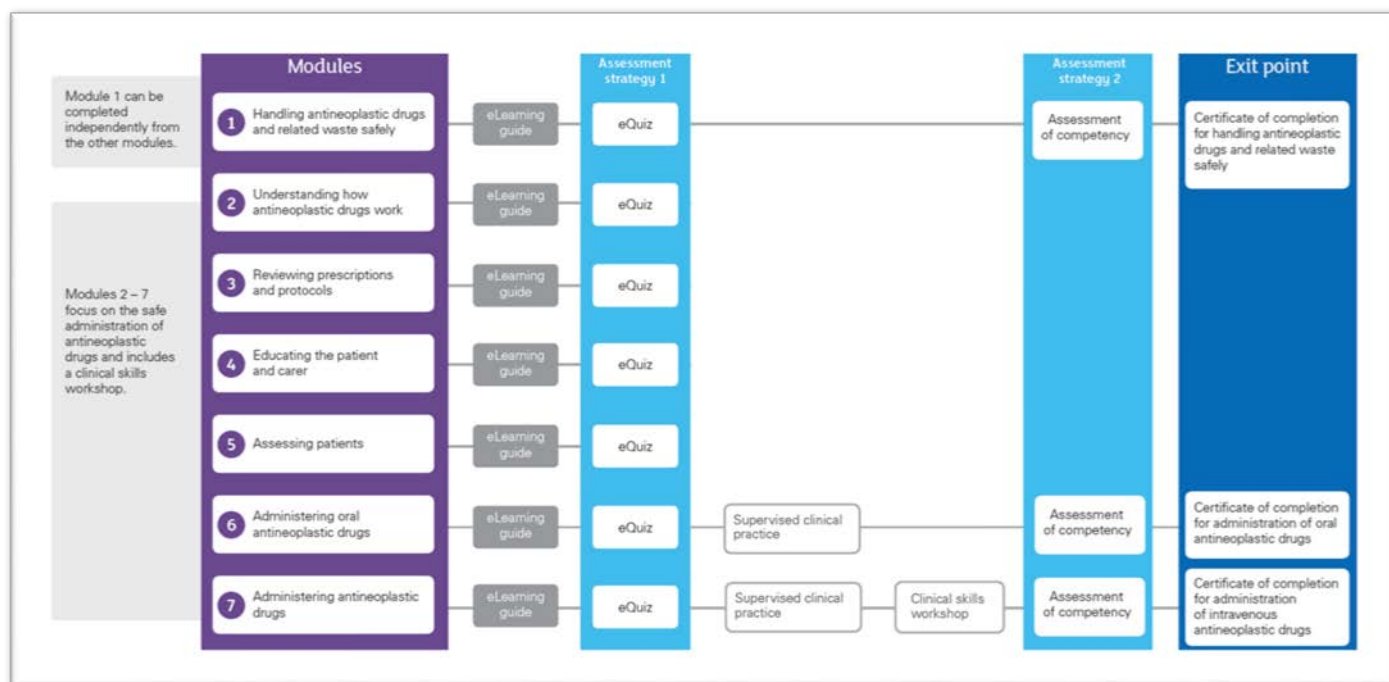
- [eviQ Education overview of courses](#)
- ADAC Competency Framework

These documents can be accessed from the [ADAC homepage](#) located on [the eviQ Education website](#).

Related courses

eviQ Education provides other courses which support the development of knowledge and clinical skills for health professionals who care for patients with a cancer diagnosis. All resources are freely available on the [eviQ Education website](#). The following courses may be useful for health professionals who are completing one of the ADAC courses:

- [Central venous access devices](#)
- [Extravasation](#)
- [Care and management of patients in the community receiving antineoplastic drugs](#)
- [Paediatric Fever and Neutropenia](#)



Paediatric Antineoplastic Drug Administration Course structure diagram

Structure of Paediatric ADAC

Module 1: Handling antineoplastic drugs and related waste safely

Successful completion of this module requires completing:

- › eLearning guide
- › eQuiz
- › competency assessment

This is the **first exit point** where an ADAC Certificate of completion is awarded following satisfactory completion of all module activities. This module is appropriate for all staff for information on the safe handling of antineoplastic drugs and related waste.

Module 2: Understanding how antineoplastic drugs work

Recommended prerequisite

Module 1: Handling antineoplastic drugs and related waste safely

Successful completion of this module requires completing:

- › eLearning guide
- › eQuiz

Module 3: Reviewing protocols and prescriptions

Recommended prerequisites

Modules:

1. Handling of antineoplastic drugs and related waste safely
2. Understanding how antineoplastic drugs work

Successful completion of this module requires completing:

- › eLearning guide
- › eQuiz

Module 4: Educating the patient and carer

Recommended prerequisites

Modules:

1. Handling antineoplastic drugs and related waste safely
2. Understanding how antineoplastic drugs work
3. Reviewing protocols and prescriptions

Successful completion of this module requires completing:

- › eLearning guide
- › eQuiz

Module 5: Assessing patients

Recommended prerequisites

Modules:

1. Handling antineoplastic drugs and related waste safely
2. Understanding how antineoplastic drugs work
3. Reviewing protocols and prescriptions
4. Educating the patient and carer

Successful completion of this module requires completing:

- › eLearning guide
- › eQuiz

Module 6: Administering oral antineoplastic drugs

Recommended prerequisites

Modules:

1. Handling antineoplastic drugs and related waste safely
2. Understanding how antineoplastic drugs work
3. Reviewing protocols and prescriptions
4. Educating the patient and carer
5. Assessing patients

Successful completion of this module requires completing:

- › eLearning guide
- › eQuiz
- › competency assessment

This is the **second exit point** where an ADAC Certificate of completion is awarded following satisfactory completion of these activities. These modules are appropriate for clinical staff required to develop competency with administration of oral antineoplastic drugs but will not be administering intravenous antineoplastic drugs.

Module 7: Administering antineoplastic drugs

Recommended prerequisites

Modules:

1. Handling antineoplastic drugs and related waste safely
2. Understanding how antineoplastic drugs work
3. Reviewing protocols and prescriptions
4. Educating the patient and carer
5. Assessing patients
6. Administering oral antineoplastic drugs

Successful completion of this module requires completing:

- › eLearning guide
- › eQuiz
- › competency assessment

This is the **third exit point** where an ADAC Certificate of completion is awarded following satisfactory completion of these activities. As per the diagram attendance at a clinical skills workshop is encouraged allowing opportunity to consolidate theory into practice. These modules are appropriate for clinical staff required to develop competency with administration of oral and intravenous antineoplastic drugs.

Clinical skills workshop

The clinical skill workshop provides the opportunity to incorporate theory from all seven modules into clinical practice. The schedule is flexible and can be amended as required to meet workforce needs. All changes and amendments to the schedule are determined by the local health facility. The workshop can be run as either a:

- a one day session,
- 2 x half day sessions,
- discreet 1 or 2 hour sessions over a period of days or weeks.

Running the workshop as 2 x half workshops or discreet 1 to 2 hour session provides the opportunity for the workshop sessions to be run concurrently while participants are completing the modules associated with each session.

The workshop may be conducted for a:

- › large group > 6 participants,
- › small group 2-6 participants or
- › on a one to one basis.

To promote collegiate working practices the clinical skills workshop can be conducted as combined workshops with participants from:

- › different wards within the same facility,
- › different facilities within the same geographical area i.e. close proximity,
- › different facilities within different geographical areas i.e. long travel required.

Certificates of completion

When Paediatric ADAC is used according to the structure *recommended* by the Cancer Institute NSW, Paediatric ADAC Certificates of completion are awarded at the 3 exit points of the course. Health care facilities who have implemented Paediatric ADAC may use their discretion and recognise prior completion of ADAC which can be evidenced by viewing participants ADAC Certificates of completion.

- To be awarded ADAC Certificates of Completion, participants must successfully complete Assessment Strategy 1 and Assessment Strategy 2 as outlined in:
 - › [eviQ Education Overview of Courses](#)
 - › [Antineoplastic Drug Administration Course Competency Framework](#)

The health care facility may use its discretion and choose to:

- modify the *structure* of Paediatric ADAC to fit with local policies and practices or
- *substitute* the assessment strategies provided by the Cancer Institute NSW for locally developed assessments.

When Paediatric ADAC is modified to reflect local policies or practices, Paediatric ADAC Certificates of completion *can not* be awarded and it is the responsibility of the health care facility to provide appropriate Certificates.