



Australian Government

HLTPHA025 Apply knowledge of medications used for infections, immunological products and vaccines

Release: 1

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Modification History

Not applicable.

Application

This unit of competency describes the performance outcomes, skills and knowledge required to apply knowledge of medications to provide appropriate information to patients on infections, immunological products and vaccines.

This unit applies to hospital or health services pharmacy assistants and technicians working under the supervision of an authorised person.

The skills in this unit must be applied in accordance with Commonwealth and State or Territory legislation, Australian standards and industry codes of practice.

No occupational licensing, certification or specific legislative requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Pharmacy

Unit Sector

Health

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes

1. Identify medication required to treat infections.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1. Identify the infections being treated.
- 1.2. Identify the factors that lead to the successful medicinal treatment of infections.
- 1.3. Consult authorised personnel to verify the successful medicinal treatment of infections.

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| 2. Prepare appropriate antibiotic to dispense to patients. | 2.1. Identify the appropriate antibiotic to be dispensed to patients in accordance with Work Health and Safety (WHS) policies, guidelines and symbols. |
| | 2.2. Confirm medication to be dispensed to the patient with an authorised person and prepare as directed. |
| 3. Provide appropriate information to patients on the correct use of antibiotics. | 3.1. Use communication techniques, in accordance with ethical codes of conduct to explain the uses and limitations of antibiotics to patients. |
| | 3.2. State the dosage that has been prescribed. |
| | 3.3. Explain the steps required to ingest and apply the prescribed medication. |
| | 3.4. Explain the route for administering the medication. |
| | 3.5. Explain the storage requirements of the medication and how to dispose of used or remaining unused portion of the medication. |
| | 3.6. Identify the signs which would warrant referral to an authorised person when required. |
| | 3.7. Utilise appropriate techniques to confirm patient understanding of the uses and actions of the medication. |
| | 3.8. Identify patients having difficulty using, taking, actuating their prescribed medication and provide further assistance or refer the patient if required. |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705>

Assessment Requirements for HLTPHA025 Apply knowledge of medications used for infections, immunological products and vaccines

Modification History

Not applicable.

Performance Evidence

Evidence of the ability to complete tasks outlined in elements and performance criteria of this unit in the context of the job role, and:

- prepare and dispense antibiotics on at least 10 occasions and informed at least 10 patients, including:
 - identifying and sourcing information
 - screening, assessing and providing basic medication discharge information and instructions to patients regarding the use of antibiotics
 - referral of enquiries outside scope of own practice to the pharmacist
 - confirmation of medication dispensing with an authorised person
- perform the activities outlined in the performance criteria of this unit during a period of 240 hours of work related to hospital or health services pharmacy support in a clinical workplace environment. These 240 hours may be applied collectively across all units of competency that include the requirement for workplace hours for the purposes of assessment.

Knowledge Evidence

Demonstrated knowledge required to complete the tasks outlined in elements and performance criteria of this unit:

- understand information about a common infection including:
 - common infection that requires the use of immunological products and vaccines
 - recognition of medication classes as antimicrobials
 - institutional guidelines and policies on Antimicrobial Stewardship (AMS)
 - regulatory and legislative vaccination requirements in research
 - access to pathology results to obtain sample results
 - comparison of sample collection timing to references
 - record of relevant information for review by an authorised person
- factors that influence selection of antimicrobials, including:
 - spectrum of activity
 - organism factors
 - disease factors
 - patient factors

- rationale for the use of antimicrobials, including:
 - empiric therapy
 - directed therapy
 - prophylaxis
- allergic reactions, including:
 - signs of an allergic reaction
 - types of allergic reactions
 - prevalence of allergic reactions
 - cross reactivity between medications
- therapeutic drug monitoring (TDM):
 - which antimicrobials require TDM
- information sources available, including:
 - reference ranges
 - timing of sample collections
- antimicrobial stewardship:
 - relevant organisational policies on antimicrobial stewardship
 - rationale for antimicrobial stewardship
 - restricted or protected antimicrobials
 - concept of antimicrobial resistance
- antifungals, including:
 - treatment of fungal infections
 - mode of action of medications
- vaccine information, including:
 - the Australian Immunisation schedule
 - the benefits and risks of vaccination
- references available, including:
 - Therapeutics Guideline: Antibiotic
 - Australian Medicines Handbook (AMH)
 - Australian Pharmaceutical Formulary Handbook (APF)
 - Monthly Index of Medical Specialities (MIMS) or AusDI Advanced
 - Micromedex
- legal responsibilities of providers of health care in relation to confidentiality, patient rights, duty of care and implications of negligence
- limitations of own work role including identification and referring of issues outside scope of practice to an authorised person
- relevant National, State or Territory regulatory and legislative requirements regarding vaccination.

Assessment Conditions

Skills must be demonstrated in the workplace with the addition of simulations and scenarios where the full range of contexts and situations have not been provided in the workplace.

Assessment must ensure access to:

- use of suitable facilities, equipment and resources, including:
 - relevant legislation, regulations and guidelines
 - medicine information and resources on infections, immunological products and vaccine
- authorised person with whom to consult.

Assessors must satisfy the Standards for Registered Training Organisations' requirements for assessors.

Links

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<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705>