

Draft Pathology Training Products

Below are the compiled draft Pathology Training Products for review, following the extensive consultation period, as listed in the following order:

- Pathology Qualification Updates – Mapping of changes
- Qualification – HLT37525 Certificate III in Pathology
- Revised units of competency:
 - (HLTCAR001) HLTCAR004 Perform electrocardiography (ECG)
 - (HLTCAR002) HLTCAR005 Perform holter monitoring
 - (HLTHPS004) HLTHPS011 Measure spirometry
 - (HLTPAT001) HLTPAT008 Identify and respond to clinical risks in pathology
 - (HLTPAT004) HLTPAT009 Collect pathology specimens other than blood
 - (HLTPAT005) HLTPAT010 Collect specimens for drugs of abuse testing
 - (HLTPAT006) HLTPAT011 Receive, prepare and dispatch pathology specimens
 - (HLTPAT003) HLTPAT012 Perform capillary blood collections
 - (HLTPAT002) HLTPAT014 Perform venous blood collections
- New unit: HLTPAT013 Collect venous blood from children 0 to 5 years
- Revised Skill Set: HLTSS00059 Venous Blood Collection Skill Set
- New Skill Set: HLTSS00085 Perform Blood Collection from Children Aged 0 to 5 years Skill Set

Stakeholders are invited to review the documents and provide feedback via email to trainingproductadvice@humanability.com.au.

Please note: At this stage of the project, feedback will only be actioned where it relates to spelling or technical errors.

Qualification and Unit updates

Qualification updates

Qualification	Changes	Summary
HLT37215 Certificate III in Pathology Collection	Deleted	Consensus agreed that merging the qualifications would meet the needs of industry, enhance completion of both specialisations and reduce duplication. An equivalent number of core and elective units have been included in the merged qualification.
HLT37415 Certificate III in Pathology Assistance	Deleted	Consensus agreed that merging the qualifications would meet the needs of industry, enhance completion of both specialisations and reduce duplication. An equivalent number of core and elective units have been included in the merged qualification.
HLT37525 Certificate III in Pathology	New qualification Certificate III in Pathology Collection and Certificate III in Pathology Assistance have been merged to create one qualification with equivalent number of core and elective units. All candidates are required to complete 8 core units, then: <ul style="list-style-type: none"> specialise in Pathology Collection, completing all elective units in Group A or <ul style="list-style-type: none"> specialise in Pathology Assistance, completing all elective units in Group B. 	Consensus agreed to include 8 core units for both specialisations and to provide a specialisation with mandatory electives to complete Pathology Collection or Pathology Assistance. The balance of electives are to be chosen from the elective bank to meet the needs of business, candidates and Registered Training Organisations (RTO's).

Qualification	Changes	Summary
	<p>The balance of electives includes:</p> <ul style="list-style-type: none"> up to 3 units from the electives listed below, any endorsed Training Package or accredited course – these units must be relevant to the work outcome. 	

Unit of Competency updates

Unit	Minor Change	Major Change	Summary
HLTCAR004 Perform Electrocardiography (ECG)	Application reworded “This unit applies to individuals working in health settings, such as pathology collection centres, medical centres, hospitals and cardiologist rooms. They work under the supervision of an appropriate health professional and follow established clinical guidelines.”		Application updated to meet industry terminology.
	Application: added word “current” The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice.		Added the word “current” to avoid dating of unit.
	Performance Criteria 1.1 Amended to: Retrieve ECG machine from storage area and check cleaning records, visually inspect ECG machine, leads and accessories to confirm compliance with		Reworded for clarity and consistency.

Unit	Minor Change	Major Change	Summary
	<p>infection control requirements and organisational procedures.</p> <p>PC1.2 Amended to - Check ECG machine, leads and accessories to confirm compliance with manufacturer's specifications and organisational procedures.</p> <p>PC2.2 Amended to - 2.2Consult with client and cross-reference patient records to confirm client identity</p> <p>PC2.3 Amended to - Obtain interpret and record client information according to organisational procedures</p> <p>PC2.4 Amended to - 2.4 Explain the ECG purpose, procedure and risk to the client</p> <p>PC2.6 amended to - Obtain informed consent</p> <p>PC3 Amended to Prepare client for an ECG procedure according to organisational procedures</p> <p>PC3.1 Amended to Maintain client privacy and dignity during ECG preparation.</p> <p>PC 3.2 Implement and monitor infection control practices according to infection control, work health and safety (WHS) requirements and organisational procedures</p> <p>PC3.3 Amended to provide positioning instructions according to manufacturer's specifications.</p> <p>PC3.4 Amended to - Assess and prepare client's skin for electrode placement.</p>		

Unit	Minor Change	Major Change	Summary
	<p>PC3.5 Attach leads and verify placement according to manufacturer's specifications and organisational procedures.</p> <p>PC3.6 Removed as included in</p> <p>PC4.1 Amended to "Produce ECG trace according to manufacturer's specifications"</p> <p>PC4.2 Amended to "Check ECG trace against client criteria for diagnostic use including increased amplitude and repeat ECG procedure where criteria are not met".</p> <p>PC4.3 Amended to "Forward trace to required recipient according to organisational procedures".</p> <p>PC4.4 Amended to "Document ECG procedure details according to organisational procedures".</p> <p>PC5.1 Amended to "Remove ECG leads and electrodes from client maintaining client privacy, dignity and ensuring skin integrity."</p> <p>PC5.2 Amended to "Check client to identify and provide assistance".</p> <p>PC5.3 Amended to "Dispose of waste according to waste management procedures"</p> <p>PC5.4 Amended to "Clean and store ECG machine according to manufacturer's specifications and organisational procedures"</p>		
HLTCAR005 Perform holter monitoring	Application reworded: This unit applies to individuals working in health settings, such as pathology collection centres, medical	Assessment conditions updated to include simulation prior to work placement.	Updated to include the work area of the cohort completing this task

Unit	Minor Change	Major Change	Summary
	centres, hospitals and cardiologist rooms. They work under the supervision of an appropriate health professional and follow established clinical guidelines		
HLTHPS011 Measure spirometry	Performance Criteria Wording in PC's updated to current terminology	Performance evidence All aspects of the performance evidence must have been demonstrated using simulation prior to being demonstrated in a clinical workplace setting or an environment that reflects a real workplace, under direction and supervision adapted to include simulation prior to work placement followed established technical, infection control and safety procedures to produce spirometry measurements for at least 3 different clients that accurately measure the maximal expiratory ventilatory capacity: at least 1 spirometry measurement in a simulated environment at least 2 spirometry measurements in a workplace or simulated work environment	Including simulation prior to work placement.

Unit	Minor Change	Major Change	Summary
		Assessment conditions updated to include simulation prior to work placement.	
<i>HLTPAT008 Identify and respond to clinical risks associated with pathology specimen collection</i>	Application: added word “current” The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice.		Added the word “current” to avoid dating of unit.
		Performance evidence: PE 3: Provided first aid according to organisational procedures for any 3 of the following: <ul style="list-style-type: none"> ● fainting ● arterial puncture ● bruising ● excessive or prolonged bleeding ● diabetic emergency ● vomiting 	PE3 number of assessment events reduced as considered too onerous.
	Knowledge evidence: KE6.3 repaired typographical error (haemoconcentration)		KE6.3 Spelling error corrected.
	Foundation skills made implicit		
		Assessment conditions: Addition of statement:	Assessment conditions amended to enhance

Unit	Minor Change	Major Change	Summary
		Assessment of performance evidence may be in a workplace setting or an environment that accurately represents a real workplace.	assessment of performance evidence. workplace attendance is not a requirement of this unit.
<i>HLTPAT009 Collect Pathology specimens other than blood</i>	Application: added word “current” The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice.		Added the word “current” to avoid dating of unit.
	Performance Criteria PC1.3 Added “specimen” to collection. PC1.4 Removed “accurately” PC1.5 Added “clearly” explain procedure to client. PC1.6 Added “informed” to consent. PC2.1 Added “Including self-collections” based on correct interpretation of the request”. PC2.3 Replaced “collector” with “self”. PC2.4 Removed “if required” PC3.2 Amended wording for consistency. PC3.3 Amended wording for consistency. PC Added “specimen” and amended organisational procedures for consistency. PC4.1 Renumbered to PC4.2 to aid flow of work process.		Reworded for clarity and consistency.

Unit	Minor Change	Major Change	Summary
	PC4.2 renumbered to PC4.1 Removed “accurately” PC4.4 renumbered to PC4.3 PC4.5 renumbered to PC4.4 Performance evidence		
		Performance evidence PE1 minimum of 3 different specimen types selected from: Removed – aspirates	
		Knowledge evidence KE4.5 renamed waste management procedures for consistency.	
		Assessment conditions Added simulation prior to workplace. Statement added “Assessment of performance evidence may be in a workplace setting or an environment that accurately represents a real workplace”. Added “Assessors must satisfy the Standards for Registered Training Organisations’ requirements for assessors and must hold this unit or demonstrate equivalent skills and knowledge to that contained within this unit”	Included simulation to performance evidence.
	Foundation skills made implicit		

Unit	Minor Change	Major Change	Summary
HLTPAT010 Collect specimens for drugs of abuse testing	<p>Application: added word “current”</p> <p>The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice.</p>		Added the word “current” to avoid dating of unit.
	<p>Performance Criteria</p> <p>PC1.2 Reworded to organisational procedures for consistency.</p> <p>PC1.3 Added “specimen” to collection.</p> <p>PC1.4 “Accurately” removed.</p> <p>PC1.6 Added “informed” to consent.</p> <p>PC3.1 Added “policies”.</p> <p>PC3.2 Reworded to “Adopt infection control procedures according to documented procedures.</p> <p>PC4.1 Reworded to “Dispose of waste according to waste disposal and organisational procedures. Amended for consistency.</p> <p>PC4.2 Added “current” to standards and requirements.</p> <p>PC4.4 Added “policies and procedures” for consistency.</p> <p>PC4.5 Added “policies and procedures” for consistency.</p>		Reworded for clarity and consistency.
		<p>Performance evidence</p> <p>PE1 Reworded to followed relevant current standards and organisational</p>	Amended for clarification of PE1.

Unit	Minor Change	Major Change	Summary
		procedures to collect 3 different types of samples from 2 different clients (for clarification).	
		Knowledge evidence KE4.5 Added “waste disposal procedures” added to support PE.	
		Assessment conditions amended to include simulation prior to workplace demonstrations. Statement added “Assessment of performance evidence may be in a workplace setting or an environment that accurately represents a real workplace.”	PE and assessment conditions amended for clarification. Includes simulation prior to workplace. Amended for clarification as work placement is not required for this unit.
<i>HLTPAT011 Receive, prepare and dispatch pathology specimens</i>	Application: added word “current” The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice.		Added the word “current” to avoid dating of unit.
	Elements and performance criteria PC1.2 Reworded to “Review pathology request form and confirm adequate labelling according to organisational procedures. PC1.3 Replaced “ensure” with “confirm”. Replaced “laboratory directories and manuals” with organisational procedures” for consistency.		Reworded for clarity and consistency.

Unit	Minor Change	Major Change	Summary
	PC1.6 Added “disposal of contaminated waste”. PC2.3 Removed “administrative” from documentation. PC3.2 Added “organisational procedures” for consistency PC3.6 Added organisational procedures” for consistency. PC4.2, 4.2 and 4.3 Added “organisational procedures” for consistency		
		Performance evidence New evidence requirements for assessment, including volume and frequency requirements	Clarified assessment conditions to also include simulation.
		Knowledge evidence KE 1.5 Added “contaminated waste disposal” to support PE. KE2.3 Removed “hydrochloric” from acids as inappropriate.	
		Assessment conditions Removed “dryer” as no longer used in industry. Statement added “Assessment of performance evidence may be in a workplace setting or an environment that accurately represents a real workplace.”	
	Foundation skills made implicit		

Unit	Minor Change	Major Change	Summary
HLTPAT012 Perform capillary blood collections	<p>Application: added word “current”</p> <p>The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice.</p>		Added the word “current” to avoid dating of unit.
	<p>Performance Criteria</p> <p>PC 1 - Amended to “Greet client and confirm pre-test criteria”.</p> <p>Added “capillary” to all references to blood collection.</p> <p>PC1.6 Added “informed” to consent.</p> <p>PC2.1 Amended to “Examine client to determine capillary blood collection site”.</p> <p>PC2.2 Amended to “Assemble equipment for test requested and select capillary blood collection site”</p> <p>PC2.3 Amended to “Determine minimum volumes of blood required according to testing organisation’s requirements and volume limits based on client age and weight”</p> <p>PC2.4 re-numbered (previously 2.3)</p> <p>PC2.5 re-numbered (previously 2.4)</p> <p>PC2.7 removed (now included in PC2.3)</p> <p>PC3.1 Removed</p> <p>PC3.1 Renumbered (was 3.2) Amended to “Clean site with approved cleansing agent and allow to air dry”.</p>		Reworded for clarity and consistency.

Unit	Minor Change	Major Change	Summary
	PC3.2 Renumbered (was PC3.3) PC3.3 Renumbered (was PC3.4) Amended to "Collect capillary blood sample according to organisational procedures". PC3.4 renumbered (was PC3.5) PC3.6 Renumbered (was PC3.7) PC4.2 Amended to include waste management procedures PC4.3 Amended to "Confirm tube labelling information accuracy with client or carer". PC4.4 Removed as included in PC3.6 PC4.5 Renumbered to PC4.4 PC4.6 Renumbered to PC4.5		
	Knowledge evidence KE3.5 Amended to waste management procedures.		Minor amendments to support consistency in overall qualification.
		Performance evidence PE1 Amended to "followed established technical, infection control and safety procedures and collected capillary blood using skin puncture from adults, adolescents or children involving: at least 2 collections performed in a simulated environment, of which 1 collection to be completed on an infant heel manikin at least 3 collections to be performed in a simulated environment or workplace using real people	Added adults, adolescents and children to PE. Age of client cohort has been presumed previously. Addition supports the unit being a pre-requisite for blood collection skill sets.

Unit	Minor Change	Major Change	Summary
		Amended to “All aspects of the performance evidence must have been demonstrated using simulation prior to being demonstrated in a clinical workplace under direction and supervision	Performance evidence amended to support simulation.
	Foundation skills made implicit		
		Assessment conditions Addition of infant heel manikin in assessment conditions.	Infant heel manikin included to support capillary blood collection from children.
		Assessment conditions Statement added “Assessment of performance evidence may be in a workplace setting or an environment that accurately represents a real workplace.”	Assessment conditions amended to include workplace settings.
	Application: added word “current” The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice.		Added the word “current” to avoid dating of unit.
	Application: added word “venous”		Performance evidence has been amended to

Unit	Minor Change	Major Change	Summary
HLTPAT014 Perform venous blood collections	This unit describes the skills and knowledge required to confirm venous blood collection requirements, prepare client and equipment, and perform routine venous blood collections		include simulation prior to attending workplace.
		<p>Elements and performance evidence and assessment conditions amended to include simulation. Adopted to ensure skills of candidate prior to completing blood collection on real people</p> <p>A minimum of 5 collections performed using a phlebotomy simulator observed by a trainer/assessor</p> <p>Performance evidence amended to include 10 collections in a simulated work environment or clinical workplace</p> <p>Performance evidence amended to include at least 10 collections completed in the clinical workplace</p> <p>Performance evidence supervision amended to include trainer, assessor or phlebotomist to aid assessment in the workplace</p> <p>Assessment conditions amended to include simulation</p>	<p>Major changes to the elements and performance criteria</p> <p>Revised evidence requirements for assessment, including volume and frequency requirements</p>

Unit	Minor Change	Major Change	Summary
	<p>Application: added word “current”</p> <p>The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice.</p>		Added the word “current” to avoid dating of unit.
	<p>Performance evidence</p> <p>To include:</p> <p>PE1</p> <p>Supervision of candidate’s work activities by a person currently working in a phlebotomist role for 18 hours a fortnight with a cumulative 800 hour’s experience in a venous blood collection role.</p> <p>Amended to:</p> <p>Supervision of candidate’s work activities by a trainer, assessor or a person currently working in a phlebotomist role 18 hours per <u>fortnight</u> for at least 12 months.</p>		Changes to supervision requirements in Performance Evidence and assessment conditions to enhance the assessment process in the workplace.
		<p>Elements:</p> <p>Added “venous” to all instances of blood collection.</p> <p>PC1.6 Added “informed” to consent.</p> <p>PC3.6 Removed “at approved angle of 30 degrees or less and replaced with “according to venepuncture equipment function, clinical requirements and organisation policies and procedures”.</p>	Amended to include simulation and ensure adequate assessment events.

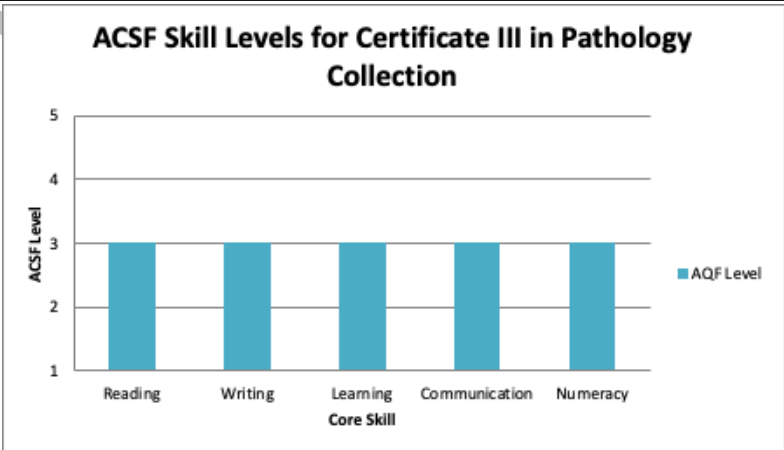
Unit	Minor Change	Major Change	Summary
		<p>PC3.7 Removed “correct volume of blood” and replaced with “Collect blood according to collection procedure and organisational procedures.”</p> <p>3.9 Removed “within timeframe required as recommended by manufacturer” and replaced with “Invert venous blood collection tubes according to organisational procedures.”</p> <p>3.10 Added according to organisational procedures.</p> <p>PE2 Amended to update number of draws and live bleed draws:</p> <p>“Followed established technical, infection control and safety procedures and collected venous blood suitable for testing with a maximum of two attempts from adults, adolescents or children over 5 years of age, involving:</p> <p>first 5 successful venous blood collections using a manikin or in a simulated environment observed by the trainer/assessor</p> <p>10 successful venous blood collections from different people in a simulated environment or workplace and observed by the trainer/assessor</p> <p>documented third party evidence of completing at least 10 successful</p>	

Unit	Minor Change	Major Change	Summary
		venous blood collections from different people in the workplace observed by trainer/ assessor or phlebotomist	
	Foundation skills made implicit		
	Knowledge evidence – added “venous “to all blood collection references. Amended wording to enhance clarity. KE1 – Added “needle phobia” KE7 Added “volume of blood, approved order of blood draw and collection tubes”.		Request to include: Blood volume requirements Order of blood draw Needle phobia
		Assessment conditions Amended to include simulation prior to attending workplace.	Assessment conditions updated to add clarity to supervision of candidate and requirements of person supervising candidate

Revised Skill Set

Skill Set	Rationale	Comment
HLTSS00059 Venous Blood Collection Skill Set	Units included have been updated.	Updated unit codes have been included. No change to content.

Qualification template

Qualification code	HLT37525													
Qualification title	Certificate III in Pathology													
Modification History	Release	Comments												
	Release 1	Supersedes and is not equivalent to <i>HLT37215 Certificate III in Pathology Collection/ HLT37415 Certificate III in Pathology Assistance</i> . Merged HLT37215 and HLT37415. Changes in packaging rules. Added specialisation												
Qualification description	<p>This qualification reflects the role of pathology collectors and assistants who receive, collect, dispatch specimens and perform routine pathology procedures, taking responsibility for their own work under general supervision.</p> <p>They combine communication, customer service and technical skills, and use discretion and judgment to adapt and transfer their skills to different situations.</p> <p>To achieve this qualification, the candidate must have completed at least 35 hours of work as detailed in the Assessment Requirements of units of competency.</p> <p><i>No licensing, legislative or certification requirements apply to this qualification at the time of publication.</i></p>													
Foundation skills outcomes	<div><p>ACSF Skill Levels for Certificate III in Pathology Collection</p><table><caption>ACSF Skill Levels for Certificate III in Pathology Collection</caption><thead><tr><th>Core Skill</th><th>ACSF Level</th></tr></thead><tbody><tr><td>Reading</td><td>3</td></tr><tr><td>Writing</td><td>3</td></tr><tr><td>Learning</td><td>3</td></tr><tr><td>Communication</td><td>3</td></tr><tr><td>Numeracy</td><td>3</td></tr></tbody></table></div>		Core Skill	ACSF Level	Reading	3	Writing	3	Learning	3	Communication	3	Numeracy	3
Core Skill	ACSF Level													
Reading	3													
Writing	3													
Learning	3													
Communication	3													
Numeracy	3													
Entry requirements	Nil.													

Packaging rules	<p>Total number of units = 14</p> <ul style="list-style-type: none"> • 8 core units • 6 electives units, consisting of: <ul style="list-style-type: none"> • at least 4 units from Group A or at least 3 units from Group B • up to 3 units from the electives listed below, any endorsed Training Package or accredited course – these units must be relevant to the work outcome <p>Candidates must specialise in pathology assistance or pathology collection.</p> <p>Packaging for each specialisation:</p> <ul style="list-style-type: none"> • All units from Group A electives must be selected for award of Certificate III in Pathology (Pathology Collection) • All units from Group B electives must be selected for award of Certificate III in Pathology (Pathology assistance) <p>All electives chosen must contribute to a valid, industry-supported vocational outcome.</p> <p>Core units</p> <p>BSBMED301 Interpret and apply medical terminology appropriately</p> <p>BSBTEC201 Use business software applications</p> <p>CHCCOM005 Communicate and work effectively in health or community services</p> <p>CHCDIV001 Work with diverse people</p> <p>HLTAID011 Provide first aid</p> <p>HLTINF006 Apply basic principles and practices of infection prevention and control</p> <p>HLTPAT011 Receive, prepare and dispatch pathology specimens</p> <p>HLTWHS001 Participate in workplace health and safety</p> <p>Elective units</p> <p>Group A electives – Pathology Collection specialisation</p> <p>BSBOPS203 Deliver a service to customers</p> <p>HLTPAT008 Identify and respond to clinical risks in pathology collection</p> <p>HLTPAT009 Collect pathology specimens other than blood</p> <p>HLTPAT014 Perform venous blood collection</p>
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	<p>Group B electives – Pathology Assistance specialisation</p> <p>MSL933005 Maintain the laboratory/field workplace fit for purpose</p> <p>MSL973026 Prepare working solutions</p> <p>MSL973027 Perform techniques that prevent cross-contamination</p> <p>Other electives</p> <p><i>Communications</i></p> <p>CHCCCS020 Respond effectively to behaviours of concern</p> <p>CHCCCS027 Visit client residence</p> <p>CHCDIV002 Promote Aboriginal and/or Torres Strait Islander cultural safety</p> <p>CHCYTH013 Engage respectfully with young people</p> <p><i>Laboratory</i></p> <p>MSL922002 Record and present data</p> <p>MSL933008 Perform calibration checks on equipment and assist with its maintenance</p> <p>MSL933009 Contribute to the achievement of quality objectives</p> <p>MSL973015 Prepare culture media</p> <p>MSL973025 Perform basic tests</p> <p>MSL973028 Perform microscopic examination</p> <p>MSL974034 Perform biological procedures</p> <p>TLIF3091 Apply awareness of dangerous goods and hazardous materials</p> <p><i>Pathology</i></p> <p>HLTAAP001 Recognise healthy body systems</p> <p>HLTCAR004 Perform electrocardiography (ECG)</p> <p>HLTCAR005 Perform holter monitoring</p> <p>HLTHPS002 Support health professional in the delivery of care</p> <p>HLTHPS011 Measure spirometry</p> <p>HLTPAT010 Collect specimens for drugs of abuse testing</p> <p>HLTPAT012 Perform capillary blood collections</p> <p>HLTPAT013 Collect venous blood from children 0 to 5 years</p>
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	Work Health and Safety HLTWHS006 Manage personal stressors in the work environment
Qualification mapping information	<i>HLT37525 Certificate III in Pathology supersedes and is not equivalent to HLT37215 Certificate III in Pathology Collection</i> <i>HLT37525 Certificate III in Pathology supersedes and is not equivalent to HLT37415 Certificate III in Pathology Assistance</i>
Links	Link to Companion Volume Implementation Guide. https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705



DRAFT JUNE 2025

Unit of Competency template

Unit code	HLTCAR004	
Unit title	Perform electrocardiography (ECG)	
Modification History	Release	Comments
	Release 1	<p>This version was released in HLT Health Training Package release 2.0 and meets the requirements of the 2012 Standards for Training Packages.</p> <p>HLTCAR004 Perform electrocardiography (ECG) supersedes and is equivalent to HLTCAR001 Perform electrocardiography (ECG)</p> <p>Major changes to performance criteria, clarification of performance evidence and assessment conditions.</p> <p>Foundation skills made explicit.</p>
Application	<p>This unit describes the skills and knowledge required to prepare for and conduct electrocardiography (ECG) procedures, producing traces that are suitable for diagnostic purposes. It does not include interpretation of the ECG.</p> <p>This unit applies to individuals working in health settings, such as pathology collection centres, medical centres, hospitals and cardiologist rooms. They work under the supervision of an appropriate health professional and follow established clinical guidelines.</p> <p><i>The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice.</i></p>	
Pre-requisite unit	Nil	
Competency field		
Unit sector	Cardiography	
Elements	Performance criteria	

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare ECG machine for use	<p>1.1 Retrieve ECG machine from storage area and check cleaning records</p> <p>1.2 Visually inspect ECG machine, leads and accessories to confirm compliance with infection control requirements and organisational procedures.</p> <p>1.3 Prepare ECG machine leads and accessories to confirm compliance with manufacturer's specifications and organisational procedures.</p>
2. Prepare for ECG procedure	<p>2.1 Greet client courteously and identify self</p> <p>2.2 Consult with client and cross-reference patient records to confirm client identity</p> <p>2.3 Obtain interpret and record client information according to organisational procedures</p> <p>2.4 Explain the ECG purpose, procedure and risk to the client</p> <p>2.5 Provide client with the opportunity to ask questions and discuss areas of concern</p> <p>2.6 Obtain informed consent according to ethical and legal requirements.</p>
3. Prepare client for an ECG procedure according to organisational procedures	<p>3.1 Maintain client privacy and dignity during ECG preparation</p> <p>3.2 Implement and monitor infection control practices according to infection control, work health and safety (WHS) requirements and organisational procedures</p> <p>3.3 Provide positioning instructions according to manufacturer's specifications</p> <p>3.4 Communicate with client to check and confirm client's comfort</p> <p>3.5 Assess and prepare client's skin for electrode placement</p> <p>3.6 Attach leads and verify placement according to manufacturer's specifications, and organisational procedures.</p>
4. Produce an ECG trace	<p>4.1 Produce ECG trace according to manufacturer's specifications</p> <p>4.2 Check ECG trace against technical criteria for diagnostic use including increased amplitude and repeat ECG procedure where criteria are not met</p> <p>4.3 Forward trace to required recipient according to organisational procedures</p> <p>4.4 Document ECG procedure details according to organisational procedures</p>

5. Complete ECG process	<p>5.1 Remove ECG leads and electrodes from client-maintaining client privacy, dignity and ensuring skin integrity</p> <p>5.2 Check client to identify and provide assistance</p> <p>5.3 Dispose of waste according to waste management procedures</p> <p>5.4 Clean and store ECG machine according to manufacturer's specifications and organisational procedures.</p>
Foundation skills The foundation skills essential to performance of this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.	
Skills	Description
Oral communication skills to:	interact with clients using some specialised vocabulary
Writing skills to:	complete familiar and unfamiliar documentation.
Reading skills to:	interpret request information in client records, technical and procedural documents, infection control policies and manufacturer guidelines.
Problem solving skills to:	respond to situations requiring repeat traces.
Teamwork skills to:	work effectively as a link between client and health care providers.
Technology skills to:	use digital devices and forwarding test recording to health care professionals.
Range of conditions	
Unit mapping information	HLTCAR004 Perform electrocardiography (ECG) supersedes and is equivalent to HLTCAR001 Perform electrocardiography (ECG)
Links	Link to Companion Volume Implementation Guide https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705

Assessment Requirements template

Title	HLTCAR004 Perform electrocardiography (ECG)
Performance evidence	The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role. There must be evidence that the candidate has:

	<ul style="list-style-type: none"> ▪ Conducted ECG traces on at least 3 different individuals, according to organisational procedures resulting in ECG traces suitable for diagnostic use, including: <ul style="list-style-type: none"> ○ adherence to legal, ethical considerations and relevant current Australia and New Zealand standards in relation to ECG equipment ○ Identified and responded to situations of interference, increased amplitude or wandering baseline
Knowledge evidence	<p>The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the work role. This includes knowledge of:</p> <ul style="list-style-type: none"> ▪ legal requirements, ethical considerations and organisational procedures relevant to performing ECG's, including: <ul style="list-style-type: none"> ▪ children in the workplace ▪ duty of care ▪ infection control requirements ▪ informed consent ▪ mandatory reporting ▪ privacy, confidentiality and disclosure, records management ▪ waste management work health and safety (WHS) ▪ work role boundaries ▪ requirements of relevant current Australia and New Zealand standards in relation to ECG equipment ▪ General factors that affect ECG, including: <ul style="list-style-type: none"> ▪ physical limitations ▪ respiratory function ▪ features, function and use of ECG equipment, including: <ul style="list-style-type: none"> ▪ pre-checking procedures ▪ electrical safety requirements ▪ common problems and how to respond ▪ routine maintenance requirements ▪ sources of interference, including: <ul style="list-style-type: none"> ▪ client ▪ equipment ▪ environment ▪ technical criteria and quality requirements for ECG tracing ▪ anatomy and physiology of the heart ▪ normal and abnormal ECG rhythms

Assessment conditions	<p>All aspects of the performance evidence must have been demonstrated using simulation prior to being demonstrated in a clinical -workplace setting or an environment that reflects a real workplace.</p> <p>The following conditions must be met for this unit:</p> <ul style="list-style-type: none"> ▪ use of suitable facilities, equipment and resources, including: <ul style="list-style-type: none"> ▪ ECG machine and associated leads/electrodes ▪ client furniture suitable for ECG procedures. Including a chair or examination table ▪ organisational procedures for the candidate to follow ▪ modelling of industry operating conditions, including: ▪ interaction with clients ▪ presence of situations requiring problem solving <p>Assessors must satisfy the Standards for Registered Training Organisations' requirements for assessors and must hold this unit or demonstrate equivalent skills and knowledge to that contained within this unit</p>
Links	<p>Link to Companion Volume Implementation Guide.</p> <p>https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705</p>

Unit of Competency template

Unit code	HLTCAR005	
Unit title	Perform holter monitoring	
Modification History	Release	Comments
	Release 1	<p>This version was released in HLT Health Training Package release 2.0 and meets the requirements of the 2012 Standards for Training Packages.</p> <p>HLTCAR005 Perform holter monitoring supersedes and is equivalent to HLTCAR002 Perform holter monitoring</p> <p>Major changes to performance criteria, clarification of performance evidence and assessment conditions.</p> <p>Foundation skills made explicit.</p>
Application	<p>This unit describes the skills and knowledge required to attach a holter monitor and produce a diagnostic trace for submission to the requesting medical officer.</p> <p>This unit applies to individuals working in health settings, such as pathology collection centres, medical centres, hospitals and cardiologist rooms. They work under the supervision of an appropriate health professional and follow established clinical guidelines.</p> <p><i>The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice.</i></p>	
Pre-requisite unit	Nil	
Competency field		
Unit sector	Cardiology	
Elements	Performance criteria	
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
1. Prepare equipment for use	1.1 Check equipment for working order according to organisational procedures	

	<p>1.2 Check materials for-availability-according to organisational-procedures</p> <p>1.3 Check battery is charged, insert new battery if required</p> <p>1.4 Add SD card or other data recording device into holter monitor according to organisational procedures</p>
2. Prepare client for holter monitor	<p>2.1 Greet client courteously and identify-self</p> <p>2.2 Identify client according to organisational procedures</p> <p>2.3 Obtain, interpret and record personal and clinical information according to organisational procedures</p> <p>2.4 Provide complete, clear and accurate information in easily understood language regarding the holter monitoring procedure to client</p> <p>2.5 Provide the client with the opportunity to ask questions and discuss areas of concern</p> <p>2.6 Obtain-consent following ethical and legal requirements</p>
3. Prepare for monitor recording	<p>3.1 Maintain client privacy and dignity throughout procedure</p> <p>3.2 Follow standard infection control procedures</p> <p>3.3 Position the client comfortably and place electrodes according to manufacturer specifications and organisational procedures</p> <p>3.4 Prepare client's skin for electrode placement</p> <p>3.5 Attach leads and double check lead placement</p> <p>3.6 Check all channels for signal quality prior to recording</p> <p>3.7 Provide instruction to client on use of device</p>
4. Complete holter monitor process	<p>4.1 Provide client with assistance if required on completion of procedure</p> <p>4.2 Remove and dispose of holter monitor electrodes in accordance with organisational procedures</p> <p>4.3 Clean and store holter monitor machine in accordance with manufacturer specifications and work health and safety (WHS) policies and procedures</p> <p>4.4 Deliver data according to organisational procedures.</p>

Foundation skills

The foundation skills essential to performance of this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.

Skills	Description
Oral communications skills to:	Interact with clients using some specialised vocabulary.
Writing skills to:	Complete familiar and unfamiliar documentation.
Reading skills to:	Interpret routine information in client records, technical and procedural documents, infection control, manufacturer guidelines.
Digital skills to:	Forward information and data to health care professional.

Range of conditions

Unit mapping information	HLTCAR005 Perform holter monitoring supersedes and is equivalent to HLTCAR002 Perform holter monitoring
Links	Link to Companion Volume Implementation Guide. https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705

Assessment Requirements template

Title	HLTCAR005 Perform holter monitoring
Performance evidence	<p>The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role. There must be evidence that the candidate has:</p> <ul style="list-style-type: none">▪ followed established technical, infection control and safety requirements to produce:▪ at least 1 holter monitor trace satisfactory for diagnostic purposes completed in a simulated environment▪ at least 2 holter monitor traces satisfactory for diagnostic purposes completed on at least 2 different individuals in the workplace or simulated environment.
Knowledge evidence	<p>The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage</p>

	<p>contingencies in the context of the work role. This includes knowledge of:</p> <ul style="list-style-type: none"> ▪ legal and ethical considerations for holter monitoring, and how these are applied in organisations, including: <ul style="list-style-type: none"> ○ children in the workplace ○ duty of care ○ informed consent ○ mandatory reporting ○ privacy, confidentiality and disclosure ○ records management ○ work role boundaries ○ work health and safety ▪ standard infection control requirements ▪ client factors that affect holter monitor testing, including: <ul style="list-style-type: none"> ○ physical limitations ○ respiratory function ○ waste management ▪ features, function and use of holter monitor equipment, including: <ul style="list-style-type: none"> ○ pre-checking procedures ○ electrical safety requirements ○ common problems and how to respond ○ routine maintenance requirements ▪ sources of interference <ul style="list-style-type: none"> ○ client
<p>Assessment conditions</p>	<p>All aspects of the performance evidence must have been demonstrated using simulation prior to being demonstrated in a clinical workplace setting or an environment that reflects a real workplace.</p> <p>The following conditions must be met for this unit:</p> <ul style="list-style-type: none"> • use of suitable facilities, equipment and resources including: <ul style="list-style-type: none"> ○ holter monitor ○ procedures for the candidate to follow • Modelling of industry operating conditions, including: <ul style="list-style-type: none"> ○ interaction with clients

	<ul style="list-style-type: none"> ○ presence of situations requiring problem solving <p>Assessors must satisfy the Standards for Registered Training Organisations' requirements for assessors and must hold this unit or demonstrate equivalent skills and knowledge to that contained within this unit</p>
Links	<p>Link to Companion Volume Implementation Guide.</p> <p>https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705</p>

Unit of Competency template

Unit code	HLTHPS011	
Unit title	Measure spirometry	
Modification History	Release	Comments
	Release 1	<p>This version was released in HLT Health Training Package release 2.0 and meets the requirements of the 2012 Standards for Training Packages.</p> <p>HLTHPS011 Measure spirometry supersedes and is equivalent to HLTHPS004 Measure spirometry</p> <p>Major changes to performance criteria, clarification of performance evidence and assessment conditions.</p> <p>Foundation skills made explicit.</p>
Application	<p>This unit describes the skills and knowledge required to prepare a client for spirometry, complete the spirometry test and to provide a report as an aid to the diagnosis and management of ventilatory impairment.</p> <p>This unit applies to any health worker who takes spirometry measurements. Spirometry measurement is commonly conducted in hospitals, respiratory physician's rooms, general practitioner (GP) rooms, pharmacies and pathology collection centres.</p> <p>The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice</p> <p><i>No licensing, legislative or certification requirements apply to this unit at the time of publication.</i></p>	
Pre-requisite unit	Nil	
Competency field		
Unit sector		
Elements	Performance criteria	
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	

1. Prepare spirometer and materials for use	1.1 Prepare spirometer equipment in accordance with manufacturer specifications
2. Prepare client for procedure	<p>2.1 Greet client courteously and identify self</p> <p>2.2 Identify client according to organisational procedures</p> <p>2.3 Obtain, read and record client information, according to organisational procedures</p> <p>2.4 Identify and respond to contraindications for performing spirometry within scope of own job role</p> <p>2.5 Clarify information with requesting health professional</p> <p>2.6 Take accurate client measurements, consider other inputs and calculate reference values from established value sets</p> <p>2.7 Position client to ensure comfort and safety of client and self, according to test requirements.</p>
3. Perform spirometry	<p>3.1 Prepare equipment to commence recording and record additional information</p> <p>3.2 Coach client through procedure with the provision of continuous instruction, encouragement and reassurance</p> <p>3.3 Observe client throughout the procedure for ability to continue</p> <p>3.4 Identify recording as technically correct</p> <p>3.5 Provide client with feedback on performance</p> <p>3.6 Repeat spirometry as necessary to comply with current industry standards</p> <p>3.7 Make technically acceptable measurements according to current industry standards</p> <p>3.8 Select indices for report according to current industry standards</p> <p>3.9 Identify the need for administration of a bronchodilator according to current industry standards and medical officer request</p> <p>3.10 Allow sufficient time for peak effect from bronchodilator and repeat spirometry</p> <p>3.11 Identify and respond to clinical emergencies according to organisational procedures</p>

4. Complete spirometry measurement	<p>4.1 Assist client as required on completion of procedure</p> <p>4.2 Review follow up arrangements with client</p> <p>4.3 Respond to client's questions</p> <p>4.4 Dispose of waste and clean materials according to organisational procedures, and infection control guidelines</p> <p>4.5 Clean, restock and store equipment according to manufacture specifications</p> <p>4.6 Complete report and provide a provisional interpretation of results and forward to physician for final interpretation</p> <p>4.7 Forward report and interpretation to requesting medical officer</p> <p>4.8 Enter details of client and test completed on to database and/or hospital information system</p>
Foundation skills The foundation skills essential to performance of this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.	
Skills	Description
Oral communications skills to:	interact with clients using some specialised vocabulary.
Writing skills to:	complete familiar and unfamiliar documentation including reports.
Reading skills to:	interpret routine information in client records, technical and procedural documents, infection control guidelines.
Numeracy skills to:	take routine measurements.
Problem solving skills to:	interpret routine test results and respond to non-routine emergency situations.
Digital skills to:	routinely forward test results to requesting medical officer.
Range of conditions	
Unit mapping information	HLTHPS011 Measure spirometry supersedes and is equivalent to HLTHPS004 Measure spirometry
Links	Link to Companion Volume Implementation Guide. https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c1390f-48d9-4ab0-bd50-b015e5485705

Assessment Requirements template

Title	Assessment Requirements for HLTHPS011 Measure spirometry
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<p>Performance evidence</p>	<p>The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role.</p> <p>There must be evidence that the candidate has:</p> <ul style="list-style-type: none"> • followed established technical, infection control and safety procedures to produce spirometry measurements for at least 3 different clients that accurately measure the maximal expiratory ventilatory capacity, including: <ul style="list-style-type: none"> ○ at least 1 spirometry measurement in a simulated environment ○ at least 2 spirometry measurements in a clinical workplace or simulated work environment
<p>Knowledge evidence</p>	<p>The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the work role.</p> <p>This includes knowledge of:</p> <ul style="list-style-type: none"> • purpose, principles and protocols of spirometry • legal and ethical considerations for spirometry, including: <ul style="list-style-type: none"> ○ duty of care ○ informed consent ○ records management ○ privacy, confidentiality and disclosure ○ industry standards ○ work role boundaries – responsibilities and limitations • basic pharmacology related to respiratory function relevant for spirometry measurement • anatomy and physiology relevant for understanding and conducting spirometry • set up, operation and routine maintenance of spirometry equipment • patterns of normal/abnormal results related to both respiratory disease and technical factors relevant for spirometry measurement • features of technically correct recordings, including: <ul style="list-style-type: none"> ○ no hesitation at start ○ evidence of maximal effort ○ no cough within first second ○ end of test criteria met ○ reproducibility

	<ul style="list-style-type: none"> • mathematical and statistical information relevant for spirometry measurement • reference values required for spirometry measurement and the factors that contribute to calculation of client reference values and how to incorporate these, including: <ul style="list-style-type: none"> ○ weight ○ height ○ age ○ gender ○ race • how to convert volumes from atmospheric temperature and pressure (ATP) to body temperature and pressure saturated (BTPS) • common causes of client noncompliance in spirometry and the appropriate remedies • complications and contraindications for clients undergoing spirometry measurement, and how to respond • emergency procedures specific to spirometry instrument quality control procedures, including: <ul style="list-style-type: none"> ○ calibration ○ biological control measures • relevance of environmental factors in spirometry, including temperature and humidity • features and functions of respiratory therapy products
Assessment conditions	<p>All aspects of the performance evidence must be demonstrated using simulation prior to demonstration in a clinical workplace setting or an environment that reflects a real workplace.</p> <p>The following conditions must be met for this unit:</p> <ul style="list-style-type: none"> • use of suitable facilities, equipment and resources, including: <ul style="list-style-type: none"> ○ spirometer ○ client information ○ procedures for candidate to follow • modelling of industry operating conditions, including integration of situations requiring problem solving <p>Assessors must satisfy the Standards for Registered Training Organisations' requirements for assessors and must hold this unit or demonstrate equivalent skills and knowledge to that contained within this unit.</p>

Links	Link to Companion Volume Implementation Guide. https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705
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DRAFT JUNE 2025

Unit of competency template

Unit code	HLTPAT008	
Unit title	Identify and respond to clinical risks in pathology collection	
Modification History	Release	Comments
	Release 1	<p>This version was released in HLT Health Training Package release 2.0 and meets the requirements of the 2012 Standards for Training Packages.</p> <p>HLTPAT008 Identify and respond to clinical risks in pathology collection supersedes and is equivalent to HLTPAT001 Identify and respond to clinical risks in pathology collection</p> <p>Major changes to performance criteria, clarification of performance evidence and assessment conditions.</p> <p>Foundation skills made explicit.</p>
Application	<p>This unit describes the skills and knowledge required to recognise client risk factors, identify emergency situations and provide emergency or first aid response to client reactions associated with pathology specimen collection.</p> <p>This unit applies to any individual for whom pathology collection is part of the job role. They may be working in collection centres, hospitals or in other health care environments.</p> <p>The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australia/New Zealand standards and industry codes of practice</p> <p><i>No licensing, legislative or certification requirements apply to this unit at the time of publication.</i></p>	
Pre-requisite unit	Nil	
Competency field		
Unit sector	Pathology	
Elements	Performance criteria	

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.										
1. Recognise and assess potential risk	<p>1.1 Identify potential clinical risks of performing collection procedure from review of client information according to organisational procedures</p> <p>1.2 Assess client against pre-test criteria and determine according to organisational procedures</p> <p>1.3 Identify and refer potential risk situations beyond scope of own role to appropriate person</p>										
2. Identify situations requiring emergency or first aid response	<p>2.1 Observe clients for reactions during and after collection procedure</p> <p>2.2 Promptly recognise signs of adverse reaction or complication</p>										
3. Respond to client reactions and complications	<p>3.1 Follow documented procedures for any reactions and complications</p> <p>3.2 Follow first aid protocols according to organisational procedures</p> <p>3.3 Provide clear information to client and obtain consent from client</p> <p>3.4 Complete accurate record of incidents according to organisational procedures</p>										
<p>Foundation skills</p> <p>The foundation skills essential to performance of this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.</p> <table border="1"> <thead> <tr> <th>Skills</th><th>Description</th></tr> </thead> <tbody> <tr> <td>Oral communications skills to:</td><td>interact with clients, assess client against pre-test criteria and report findings using some specialised vocabulary.</td></tr> <tr> <td>Writing skills to:</td><td>complete familiar and unfamiliar documentation.</td></tr> <tr> <td>Reading skills to:</td><td>interpret routine information in client records, technical and procedural documents, infection control policies, manufacturer specifications and first aid protocols.</td></tr> <tr> <td>Decision making skills to:</td><td>identify, refer and respond to adverse reactions</td></tr> </tbody> </table>		Skills	Description	Oral communications skills to:	interact with clients, assess client against pre-test criteria and report findings using some specialised vocabulary.	Writing skills to:	complete familiar and unfamiliar documentation.	Reading skills to:	interpret routine information in client records, technical and procedural documents, infection control policies, manufacturer specifications and first aid protocols.	Decision making skills to:	identify, refer and respond to adverse reactions
Skills	Description										
Oral communications skills to:	interact with clients, assess client against pre-test criteria and report findings using some specialised vocabulary.										
Writing skills to:	complete familiar and unfamiliar documentation.										
Reading skills to:	interpret routine information in client records, technical and procedural documents, infection control policies, manufacturer specifications and first aid protocols.										
Decision making skills to:	identify, refer and respond to adverse reactions										
<p>Range of conditions</p> <p>Range is restricted to essential operating conditions and any other variables essential to the work environment.</p>											
Unit mapping information											

	HLTPAT008 Identify and respond to clinical risks in pathology collection supersedes and is equivalent to HLTPAT001 Identify and respond to clinical risks in pathology collection
Links	Link to Companion Volume Implementation Guide. https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705

Assessment requirements template

Title	Assessment Requirements for HLTPAT008 Identify and respond to clinical risks in pathology
Performance evidence	<p>The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role.</p> <p>There must be evidence that the candidate has:</p> <ul style="list-style-type: none"> ▪ assessed and recognised potential clinical risks from review of information from at least 3 different clients ▪ recognised adverse reactions and complications and followed organisational procedures in response to at least 3 different adverse events ▪ recognised adverse reactions and complications requiring first aid response and provided first aid according to organisational procedures for at least 3 of the following: <ul style="list-style-type: none"> ▪ fainting ▪ arterial puncture ▪ bruising ▪ excessive or prolonged bleeding ▪ diabetic emergency ▪ vomiting
Knowledge evidence	<p>The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the work role.</p> <p>This includes knowledge of:</p> <ul style="list-style-type: none"> • legal and ethical considerations (national and state/territory) for emergency response, and how these are applied in organisations: <ul style="list-style-type: none"> ○ duty of care ○ informed consent

	<ul style="list-style-type: none"> ○ privacy, confidentiality and disclosure ○ records management ○ work health and safety • work role boundaries: <ul style="list-style-type: none"> ○ scope and limitations of own role in assessing clinical risk ○ points of referral for risk situations beyond scope of own role • standard infection control requirements for clinical procedures: <ul style="list-style-type: none"> ○ hand hygiene ○ use of personal protective equipment (PPE) ○ avoiding contact with bodily fluids ○ sharps injury prevention and treatment if sustained ○ waste disposal • client information that may inform assessment of risk: <ul style="list-style-type: none"> ○ clinical history ○ allergies ○ current and recent medications ○ recent illnesses ○ reactions/complications to previous collection procedures • anatomy and physiology relevant to pathology collections: <ul style="list-style-type: none"> ○ vascular and nervous systems, particularly the close association of blood vessels and nerves of the limbs relevant to pathology collection ○ arteries, veins and capillaries ○ heart function – significant structures, greater blood vessels that enter and exit the heart ○ direction of flow of oxygenated and deoxygenated blood through the heart and lungs ○ features of collection sites • types and features of clinical risks commonly associated with pathology collection: <ul style="list-style-type: none"> ○ reactions and complications to procedure ○ infection ○ haemoconcentration ○ haemolysis ○ blood components ○ sharps injury ○ excessive bleeding
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	<ul style="list-style-type: none"> ○ damage to nervous system ○ vascular damage ○ location of venous access ○ concurrent treatments and therapy ○ intravenous (IV) therapy • emergency procedures for client reactions and complications • first aid and care protocols for: <ul style="list-style-type: none"> ○ fainting ○ fitting ○ arterial puncture ○ bruising ○ excessive bleeding ○ diabetic emergency ○ falls
Assessment conditions	<p>Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions. The following conditions must be met for this unit:</p> <ul style="list-style-type: none"> • use of suitable facilities, equipment and resources, including documented emergency and first aid procedures for the candidate to follow • modelling of industry operating conditions, including presence of situations requiring problem solving • supervision of candidate's work activities by a trainer, assessor or a person currently working in a phlebotomist role at least 18 hours per fortnight for at least 12 months. <p>Assessors must satisfy the Standards for Registered Training Organisations' requirements for assessors and must hold this unit or demonstrate equivalent skills and knowledge to that contained within this unit</p>
Links	<p>Link to Companion Volume Implementation Guide.</p> <p>https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705</p>

Unit code	HLTPAT009	
Unit title	Collect pathology specimens other than blood	
Modification History	Release	Comments
	Release 1	<p>This version was released in <i>HLT Health Training Package release 2.0</i> and meets the requirements of the 2012 Standards for Training Packages.</p> <p>HLTPAT009 Collect pathology specimens other than blood is superseded and equivalent to HLTPAT004 collect pathology specimens other than blood</p> <p>Major changes to performance criteria, clarification of performance evidence and assessment conditions.</p> <p>Foundation skills made explicit.</p>
Application	<p>This unit describes the skills and knowledge required to confirm collection requirements, prepare client and equipment and make routine pathology specimen collections.</p> <p>This unit applies to any individual for whom specimen collection is part of the job role. They may be working in collection centres, in hospitals or in other health care environments.</p> <p><i>The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australia/New Zealand standards and industry codes of practice.</i></p> <p><i>No licensing, legislative or certification requirements apply to this unit at the time of publication</i></p>	
Pre-requisite unit	Nil	
Competency field		
Unit sector	Pathology	
Elements	Performance criteria	
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
1. Confirm collection requirements	<p>1.1 Greet client courteously and identify self</p> <p>1.2 Identify client according to organisational procedures</p> <p>1.3 Confirm that client meets pre-testing criteria for required specimen collection</p>	

	<p>1.4 Obtain, interpret and record personal and clinical information according to organisational procedures</p> <p>1.5 Explain collection procedure to client</p> <p>1.6 Obtain informed consent for collection procedure from client</p>						
2. Prepare for collection procedure	<p>2.1 Confirm method of collection, (including self-collection) based on correct interpretation of clinical request and according to organisational procedures</p> <p>2.2 Select equipment and prepare for collection according to organisational procedures</p> <p>2.3 Position client to ensure comfort and safety of client and self</p> <p>2.4 Identify when assistance may be needed and seek help</p>						
3. Collect specimen	<p>3.1 Adopt standard and additional infection control precautions and organisational procedures</p> <p>3.2 Collect specimen according to organisational procedures</p> <p>3.3 Assemble equipment for specimen collection avoiding contamination of specimen</p> <p>3.4 Observe client during and after specimen collection for potential adverse effects and respond according to organisational procedures</p>						
4. Follow post collection procedures	<p>4.1 Label specimen in front of client with client details, time and date of specimen collection according to organisational procedures</p> <p>4.2 Dispose of waste according to waste disposal and organisational procedures</p> <p>4.3 Complete specimen collection documentation according to organisational-procedures</p> <p>4.4 Prepare collected specimen for transit or store according to test requirements</p>						
<p>Foundation skills</p> <p>The foundation skills essential to performance of this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.</p> <table border="1"> <thead> <tr> <th>Skills</th><th>Description</th></tr> </thead> <tbody> <tr> <td>Oral communications skills to:</td><td>interact with clients, assess client against pre-test criteria and report findings using some specialised vocabulary.</td></tr> <tr> <td>Writing skills to:</td><td>complete familiar and unfamiliar documentation.</td></tr> </tbody> </table>		Skills	Description	Oral communications skills to:	interact with clients, assess client against pre-test criteria and report findings using some specialised vocabulary.	Writing skills to:	complete familiar and unfamiliar documentation.
Skills	Description						
Oral communications skills to:	interact with clients, assess client against pre-test criteria and report findings using some specialised vocabulary.						
Writing skills to:	complete familiar and unfamiliar documentation.						

Reading skills to:	interpret request information in client records, technical and procedural documents, infection control policies and manufacturer specifications.
Numeracy skills to:	independently measure specimen volumes, interpret reference ranges and expiry dates
Observation skills to:	routinely monitor clients during and post specimen collection.
Range of conditions	
Unit mapping information	HLTPAT009 Collect pathology specimens other than blood is superseded and equivalent to HLTPAT004 collect pathology specimens other than blood
Links	<p>Link to Companion Volume Implementation Guide.</p> <p>https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c1390f-48d9-4ab0-bd50-b015e5485705</p>

Assessment Requirements template

Title	Assessment Requirements for HLTPAT009 Collect pathology specimens other than blood
Performance evidence	<p>The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role. There must be evidence that the candidate has:</p> <ul style="list-style-type: none"> followed established technical, infection control and safety procedures-to collect a minimum of 3 different specimen types selected from the below: <ul style="list-style-type: none"> breath DNA swabs nail clippings and/or scrapings saliva semen skin scrapings sputum stool swabs – bacterial, viral and PCR urine
Knowledge evidence	The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and

performance criteria of this unit, manage tasks and manage contingencies in the context of the work role.

This includes knowledge of:

- legal and ethical considerations for pathology collection, and how these are applied in organisations:
 - children in the workplace
 - duty of care
 - informed consent
 - mandatory reporting
 - privacy, confidentiality and disclosure
 - records management
 - work health and safety
- work role boundaries
 - boundaries of responsibilities
 - sources of non blood sample requests and interactions with other health services
- standard infection control requirements for clinical procedures:
 - hand hygiene
 - use of personal protective equipment (PPE)
 - avoiding contact with bodily fluids
 - sharps injury prevention and treatment if sustained
 - waste disposal
- industry terminology used in specimen collection:
 - equipment
 - procedures
 - abbreviations
 - medical terminology
- key aspects of anatomy and physiology sufficient to make safe specimen collection
- clinical risk factors in specimen collection and procedures designed to minimise those risks for different specimen types
- factors which may affect the chemical analysis of specimens and the impact on collection:
 - appropriate times to collect
 - timing of last dose
 - required fasting times
 - protecting the integrity of the specimen
- features, functions and use of the following specimen collection equipment:
 - sterile jars

	<ul style="list-style-type: none"> ○ 24hr urine containers with or without additives ○ swabs – viral, bacterial, polymerase chain reaction (PCR), deoxyribonucleic acid (DNA) ○ paediatric urine collection bag ○ breath balloons ○ skin scraping equipment ○ nail clipping and scraping equipment • handling and storage methods for different specimen types
Assessment conditions	<p>All aspects of the performance evidence must be demonstrated using simulation prior to demonstration in a clinical workplace setting or an environment that reflects a real workplace.</p> <ul style="list-style-type: none"> • The following conditions must be met for this unit: <ul style="list-style-type: none"> • use of suitable facilities, equipment and resources including: <ul style="list-style-type: none"> ○ steri wipes or alcohol wipes ○ paediatric urine bags ○ swabs ○ scalpels ○ sterile containers ○ breath balloons ○ collection devices for skin and nail scrapings ○ packaging equipment consistent with regulatory and organisation transport requirements ○ documented collection procedures for the candidate to follow • modelling of industry operating conditions, including: <ul style="list-style-type: none"> ○ interactions with clients from the general public ○ presence of situations requiring problem solving <p>Assessors must satisfy the Standards for Registered Training Organisations' requirements for assessors and must hold this unit or demonstrate equivalent skills and knowledge to that contained within this unit</p>
Links	<p>Link to Companion Volume Implementation Guide:</p> <p>https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705</p>

Unit of Competency template

Unit code	HLTPAT010	
Unit title	Collect specimens for drugs of abuse testing	
Modification History	Release	Comments
	Release 1	<p>This version was released in HLT Health Training Package release 2.0 and meets the requirements of the 2012 Standards for Training Packages.</p> <p>HLTPAT010 Collect specimens for drugs of abuse testing supersedes and is equivalent to HLTPAT005 Collect specimens for drugs of abuse testing.</p> <p>Major changes to performance criteria, clarification of performance evidence and assessment conditions.</p> <p>Foundation skills made explicit</p>
Application	<p>This unit describes the skills and knowledge required to confirm collection requirements, prepare client and equipment and collect specimens via urine and/or oral and breath testing following the special procedures that apply for drugs of abuse testing.</p> <p>This unit applies to individuals working in collection centres, in hospitals, in other health care environments and workplaces where drugs of abuse testing takes place.</p> <p><i>The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice.</i></p> <p><i>No licensing, legislative or certification requirements apply to this unit at the time of publication.</i></p>	
Pre-requisite unit	Nil	
Competency field		
Unit sector	Pathology	
Elements	Performance criteria	
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	

1. Confirm collection requirements	<p>1.1 Greet client courteously and identify self</p> <p>1.2 Identify client according to organisational procedures</p> <p>1.3 Confirm that client meets pre-testing criteria for required specimen collection</p> <p>1.4 Obtain, interpret and record personal and clinical information according to organisational-procedures</p> <p>1.5 Explain collection procedure to client</p> <p>1.6 Obtain informed consent for collection procedure from client</p>
2. Prepare for collection procedure	<p>2.1 Ensure collection environment is prepared according to standards</p> <p>2.2 Confirm method of collection based on correct interpretation of clinical request</p> <p>2.3 Select equipment and ask client to select collection kit according to standard and organisational procedures</p> <p>2.4 Prepare client for procedure by removing excess clothing and other possessions, and store these securely</p> <p>2.5 Provide accurate advice to client about procedure</p>
3. Collect specimen	<p>3.1 Collect specimen according to standards and organisational procedures</p> <p>3.2 Adopt infection control procedures according to organisational procedures</p> <p>3.3 Observe client during and after collection for potential tampering and respond according to organisational-procedures</p> <p>3.4 Assure specimen integrity by testing and securing specimen immediately following collection and for duration of time that specimen is responsibility of the collector</p>
4. Follow post collection procedures	<p>4.1 Label specimens according to standards and organisational procedures</p> <p>4.2 Dispose of waste according to waste disposal and organisational procedures</p> <p>4.3 Confirm information accuracy and specimen security with client</p> <p>4.4 Complete other collection documentation according to standards and organisational-procedures</p>

	4.5 Prepare and secure collected specimens for transit or storage according to standards and organisational procedures, ensuring chain of custody is maintained												
Foundation skills <p>The foundation skills essential to performance of this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.</p> <table border="1"> <thead> <tr> <th>Skills</th><th>Description</th></tr> </thead> <tbody> <tr> <td>Oral communications skills to:</td><td>interact with clients, assess client against pre-test criteria and report findings using some specialised vocabulary</td></tr> <tr> <td>Writing skills to:</td><td>complete familiar and unfamiliar documentation.</td></tr> <tr> <td>Reading skills to:</td><td>interpret request information in client records, technical and procedural documents, infection control policies, specimen chain of custody.</td></tr> <tr> <td>Numeracy skills to:</td><td>independently measure specimen volumes, interpret reference ranges and expiry dates.</td></tr> <tr> <td>Observation skills to:</td><td>Routinely monitor chain of custody.</td></tr> </tbody> </table>		Skills	Description	Oral communications skills to:	interact with clients, assess client against pre-test criteria and report findings using some specialised vocabulary	Writing skills to:	complete familiar and unfamiliar documentation.	Reading skills to:	interpret request information in client records, technical and procedural documents, infection control policies, specimen chain of custody.	Numeracy skills to:	independently measure specimen volumes, interpret reference ranges and expiry dates.	Observation skills to:	Routinely monitor chain of custody.
Skills	Description												
Oral communications skills to:	interact with clients, assess client against pre-test criteria and report findings using some specialised vocabulary												
Writing skills to:	complete familiar and unfamiliar documentation.												
Reading skills to:	interpret request information in client records, technical and procedural documents, infection control policies, specimen chain of custody.												
Numeracy skills to:	independently measure specimen volumes, interpret reference ranges and expiry dates.												
Observation skills to:	Routinely monitor chain of custody.												
Range of conditions													
Unit mapping information	HLTPAT010 Collect specimens for drugs of abuse testing supersedes and is equivalent to HLTPAT005 Collect specimens for drugs of abuse testing.												
Links	<p>Link to Companion Volume Implementation Guide.</p> <p>https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705</p>												

Assessment Requirements template

Title	Assessment Requirements for HLTPAT010 Collect specimens for drugs of abuse testing
Performance evidence	<p>The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role. There must be evidence that the candidate has:</p> <ul style="list-style-type: none"> performed the activities in this unit under the supervision of a trainer, assessor or a person currently working in a collection role. followed relevant standard and organisational procedures to collect the following 3 different types of specimens for drugs of abuse testing from at least 2 different clients, including:

	<ul style="list-style-type: none"> ○ urine ○ oral fluid ○ breath ▪ selected, prepared and used compliant equipment and collection kits
Knowledge evidence	<p>The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the work role. This includes knowledge of:</p> <ul style="list-style-type: none"> • context for drugs of abuse testing including industry, social services, prisons, medical and legal purposes • legal and ethical considerations (national and state/territory), including the requirements of Specimen Collection Standards for saliva and urine and any revisions thereof, and how these are applied in organisations: <ul style="list-style-type: none"> ○ duty of care ○ informed consent ○ mandatory reporting ○ privacy, confidentiality and disclosure ○ records management ○ work role boundaries ○ work health and safety ○ waste disposal procedures • pre-collection, during and post-collection procedures required to meet chain of custody requirements, including: <ul style="list-style-type: none"> ○ suitable environment to collect specimen ○ client privacy ○ staff safety ○ specific environmental and specimen requirements to eliminate tampering • collection procedures required to meet chain of custody requirements, including: <ul style="list-style-type: none"> ○ client supervision and seclusion ○ collection procedures that eliminate the opportunity to tamper with specimen ○ documentation requirements ○ integrity testing of specimen as required by standard • storage and transportation procedures required to meet chain of custody requirements, including:

	<ul style="list-style-type: none"> ○ chain of custody process ○ security satchels and labels ○ storage ○ courier requirements • drugs of abuse, including: <ul style="list-style-type: none"> ○ types of drugs included ○ chemistry ○ effect on body ○ types of collection ○ methods of analysis
Assessment conditions	<p>All aspects of the performance evidence must be demonstrated using simulation prior to demonstration in a clinical workplace setting or an environment that reflects a real workplace.</p> <p>The following conditions must be met for this unit:</p> <ul style="list-style-type: none"> • use of suitable facilities, equipment and resources, required by the relevant standard: • modelling of industry operating conditions including: <ul style="list-style-type: none"> ○ interaction with non-compliant clients ○ presence of situations requiring problem solving ○ supervision of candidate's work activities by a person currently working in a collection role for at least 18 hours per fortnight for at least 12 months. <p>Assessors must satisfy the Standards for Registered Training Organisations' requirements for assessors and must hold this unit or demonstrate equivalent skills and knowledge to that contained within this unit.</p>
Links	<p>Link to Companion Volume Implementation Guide.</p> <p>https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705</p>

Unit of Competency template

Unit code	HLTPAT011	
Unit title	Receive, prepare and dispatch pathology specimens	
Modification History	Release	Comments
	Release 1	<p>This version was released in HLT Health Training Package release 2.0 and meets the requirements of the 2012 Standards for Training Packages.</p> <p>HLTPAT011 Receive, prepare and dispatch pathology specimens supersedes and is equivalent to HLTPAT006 Receive, prepare and dispatch pathology specimens</p> <p>Major changes to performance criteria, clarification of performance evidence and assessment conditions.</p> <p>Foundation skills made explicit.</p>
Application	<p>This unit describes the skills and knowledge required to receive specimens, complete the administrative process to prepare specimens for pathology testing, and dispatch specimens. This unit does not cover the dispatch of dangerous goods or the transport of specimens to external facilities.</p> <p>This unit applies to individuals working in specimen reception roles in laboratories and pathology collectors and assistants in collection centres.</p> <p><i>The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice.</i></p> <p><i>No licensing, legislative or certification requirements apply to this unit at the time of publication.</i></p>	
Pre-requisite unit	Nil	
Competency field		
Unit sector	Pathology	
Elements	Performance criteria	
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
1. Receive specimens	1.1 Receive and process specimens and requests according to organisational procedures	

	<p>1.2 Review pathology request form, and confirm adequate labelling according to organisational procedures</p> <p>1.3 Confirm suitability of specimens for requested tests according to organisational procedures</p> <p>1.4 Reject specimens if necessary and complete documentation in accordance with organisational procedures</p> <p>1.5 Notify or consult with senior staff members as required</p> <p>1.6 Follow infection control and workplace safety policies and procedures relating to the safe handling of specimens and disposal of contaminated waste</p>
2. Complete administrative processing of specimens	<p>2.1 Label specimens and request forms with unique laboratory number or bar code label according to organisational procedures</p> <p>2.2 Register request forms, specimen and patient information into laboratory information systems according to organisational procedures</p> <p>2.3 Complete documentation according to organisational procedures</p>
3. Prepare specimens	<p>3.1 Confirm requirements for specimen processing according to organisation procedures</p> <p>3.2 Perform separation of specimen by centrifugation according to test requirements and organisational procedures</p> <p>3.3 Prepare and label tubes for aliquoting according to organisational procedures</p> <p>3.4 Transfer specimen by aliquoting into appropriate tubes according to organisational procedures</p> <p>3.5 Sort specimens according to appropriate laboratory department for testing according to organisational procedures</p> <p>3.6 Store specimens according to test requirements and organisational procedures</p>
4. Dispatch specimens	<p>4.1 Ensure specimens for dispatch are packaged and labelled according to organisational procedures and regulatory requirements</p> <p>4.2 Complete appropriate dispatch documentation according to organisational procedures</p> <p>4.3 Dispatch specimens according to organisational procedures and regulatory requirements</p>

Foundation skills	
The foundation skills essential to performance of this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.	
Skills	Description
Oral communications skills to:	interact with clients and health care professionals using some specialised vocabulary
Writing skills to:	complete familiar and unfamiliar documentation.
Reading skills to:	interpret request information in client records, technical and procedural documents, infection control policies and manufacturer guidelines.
Numeracy skills to:	independently measure specimen volumes, interpret reference ranges and expiry dates, complete aliquoting of specimens.
Observation skills to:	routinely monitor and dispatch specimens.
Problem solving skills to:	independently assess suitability of specimens received.
Range of conditions	
Unit mapping information	HLTPAT011 Receive, prepare and dispatch pathology specimens supersedes and is equivalent to HLTPAT006 Receive, prepare and dispatch pathology specimens
Links	Link to Companion Volume Implementation Guide. https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705

Assessment Requirements template

Title	Assessment Requirements for HLTPAT011 Receive, prepare and dispatch pathology specimens
Performance evidence	<p>The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role. There must be evidence that the candidate has:</p> <ul style="list-style-type: none"> followed established procedures, safety requirements and infection control guidelines in the receipt, registration, sorting, storage and dispatch of at least 5 different pathology specimens.

Knowledge evidence	<p>The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the work role. This includes knowledge of:</p> <ul style="list-style-type: none"> ▪ legal and ethical considerations for pathology specimen reception and preparation work, and how these are applied in organisations: <ul style="list-style-type: none"> ▪ codes of practice, impact on national laboratory standards on role ▪ privacy, confidentiality and disclosure ▪ records management ▪ work role boundaries ▪ waste disposal management ▪ types of hazardous substances that may be received and how to respond: <ul style="list-style-type: none"> ▪ bio-hazardous substances ▪ formalin ▪ acids ▪ additives and fixatives ▪ criteria for rejection of specimens at reception stage ▪ pre-test processing requirements and procedures: <ul style="list-style-type: none"> ▪ coding ▪ sorting ▪ aliquoting ▪ Medical terminology and chemical abbreviations used in the pathology specimen collection process
Assessment conditions	<p>All aspects of the performance evidence must have been demonstrated using simulation prior to being demonstrated in a workplace setting or in a simulated environment.;</p> <p>The following conditions must be met for this unit:</p> <ul style="list-style-type: none"> • use of suitable facilities, equipment and resources, including: <ul style="list-style-type: none"> ○ pipettes ○ aliquot pots ○ personal protective equipment (PPE) ○ contaminated waste disposal management ○ fridge ○ temperature controls • modelling of industry operating conditions, including:

	<ul style="list-style-type: none"> ○ presence of situations requiring problem solving <p>Assessors must satisfy the Standards for Registered Training Organisations' requirements for assessors and must hold this unit or demonstrate equivalent skills and knowledge to that contained within this unit.</p>
Links	<p>Link to Companion Volume Implementation Guide.</p> <p>https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705</p>

DRAFT JUNE 2025

Unit of Competency template

Unit code	HLTPAT012	
Unit title	Perform capillary blood collections	
Modification History	Release	Comments
	Release 1	<p>This version was released in HLT Health Training Package release 2.0 and meets the requirements of the 2012 Standards for Training Packages.</p> <p>HLTPAT012 Perform capillary blood collection supersedes and is equivalent to HLTPAT003 Perform capillary blood collection.</p> <p>Major changes to performance criteria. Significant changes made to performance evidence and assessment conditions.</p> <p>Foundation skills made implicit.</p>
Application	<p>This unit describes the skills and knowledge required to confirm collection requirements, prepare client and equipment, and collect capillary blood using specific collection criteria, techniques and equipment.</p> <p>This unit applies to any individual for whom capillary blood collection is part of the job role. They may be working in collection centres, in hospitals or in other health care environments.</p> <p><i>The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice</i></p>	
Pre-requisite unit	Nil	
Competency field		
Unit sector	Pathology	
Elements	Performance criteria	
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
1. Greet client and confirm pre-test criteria	1.1 Greet client courteously and identify self	

	<p>1.2 Identify client according to organisational procedures</p> <p>1.3 Confirm that client meets pre-testing criteria for required capillary blood collection</p> <p>1.4 Obtain, interpret and record personal and clinical information according to organisational procedures</p> <p>1.5 Explain capillary blood collection procedure to client or carer</p> <p>1.6 Obtain informed consent for capillary blood collection procedure from client or carer</p>
2. Prepare for skin puncture blood collections	<p>2.1 Examine client to determine capillary blood collection site</p> <p>2.2 Assemble equipment for test requested and select capillary blood collection site</p> <p>2.3 Determine minimum volumes of blood required according to testing, organisational procedures and volume limits based on client age and weight</p> <p>2.4 Position client to ensure comfort and safety of client and self, using supportive holding techniques</p> <p>2.5 Use appropriate warming device to safely prepare site according to organisational procedures</p> <p>2.6 Identify when assistance may be needed and seek help</p>
3. Draw blood	<p>3.1 Clean site with approved cleansing agent and allow to air dry</p> <p>3.2 Puncture the skin in the appropriate location, using an approved lancet appropriate to site selected and client age</p> <p>3.3 Collect capillary blood sample according to organisational procedures</p> <p>3.4 Invert capillary blood collection tube according to organisational procedures</p> <p>3.5 Following collection, apply pressure to puncture site until site has stopped bleeding and apply wound dressing</p> <p>3.6 Observe client before, during and after capillary blood collection for potential adverse effects and respond according to organisational procedures</p>

4. Follow post-blood collection procedures	<p>4.1 Label blood collection tubes in front of client with time and date of capillary blood collection and, client details according to organisational procedures</p> <p>4.2 Dispose of waste according to waste management procedures</p> <p>4.3 Confirm tube labelling information accuracy with client or carer</p> <p>4.4 Complete capillary blood collection documentation in accordance with organisational procedures</p> <p>4.5 Prepare collected samples for transit or store according to test requested and organisational procedures</p>
Foundation skills The foundation skills essential to performance of this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.	
Skills	Description
Oral communications skills to:	interact with clients, assess client against pre-test criteria and report findings using some specialised vocabulary.
Writing skills to:	complete familiar and unfamiliar documentation.
Reading skills to:	interpret request information in client records, technical and procedural documents, infection control policies.
Numeracy skills to:	independently measure blood volumes, interpret reference ranges and expiry dates.
Observation skills to:	routinely monitor clients during and post capillary blood collection.
Range of conditions	
Unit mapping information	HLTPAT012 Perform capillary blood collection supersedes and is equivalent to HLTPAT003 Perform capillary blood collection.
Links	Link to Companion Volume Implementation Guide. https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705

Assessment Requirements template

Title <i>Mandatory field</i>	Assessment Requirements for HLTPAT012 Perform capillary blood collection
Performance evidence	The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage

	<p>tasks and manage contingencies in the context of the job role. There must be evidence that the candidate has:</p> <ul style="list-style-type: none"> performed the activities in this unit under the supervision of a trainer, assessor or phlebotomist. followed established technical, infection control and safety procedures and collected capillary blood using skin puncture from adults, adolescents or children, involving: <ul style="list-style-type: none"> at least 2 collections performed in a simulated environment, of which 1 collection to be completed on an infant heel manikin at least 3 collections to be performed in real people in a simulated environment or workplace.
Knowledge evidence	<p>The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the work role. This includes knowledge of:</p> <ul style="list-style-type: none"> legal and ethical considerations for capillary blood collection, and how these are applied in organisational procedures: <ul style="list-style-type: none"> children in the workplace duty of care informed consent mandatory reporting privacy, confidentiality and disclosure records management supportive holding for procedures and (limitations) work health and safety work role boundaries <ul style="list-style-type: none"> boundaries of responsibilities capillary blood collection role in different contexts, and situations where skin puncture is the most appropriate collection technique sources of blood sample requests standard infection control requirements for clinical procedures: <ul style="list-style-type: none"> hand hygiene use of personal protective equipment (PPE) avoiding contact with bodily fluids needle stick injury considerations

	<ul style="list-style-type: none"> ○ waste management disposal • industry terminology used in skin puncture blood collection: <ul style="list-style-type: none"> ○ equipment ○ procedures ○ abbreviations ○ skin puncture sites ○ clinical history and medication details • key aspects of human anatomy and physiology in relation to the skin, vascular, arterial and nervous system relevant to capillary collections • clinical risks of capillary blood collection procedures and procedures designed to minimise those risks • factors which may affect the chemical analysis of blood and impact on collection: <ul style="list-style-type: none"> ○ appropriate times to collect ○ impact of drugs ○ timing of last dose ○ required fasting times ○ protecting the integrity of the specimen • techniques for blood collection through skin puncture • features, functions and use of skin puncture blood collection equipment: <ul style="list-style-type: none"> ○ approved lancets ○ cleansing solutions and swabs ○ collection tubes (microtainers) ○ dressings • blood sample handling, processing, transit and storage methods • requirements for selection and collection into tubes with variable additives: <ul style="list-style-type: none"> ○ ethylenediaminetetraacetic acid (EDTA) ○ lithium/sodium heparin ○ fluoride oxalate ○ separation gel
Assessment conditions	<p>All aspects of the performance evidence must have been demonstrated using simulation prior to demonstration in a clinical workplace setting or an environment that reflects a real workplace under direction and supervision.</p> <p>The following conditions must be met for this unit:</p>

	<ul style="list-style-type: none"> • use of suitable facilities, equipment and resources including: <ul style="list-style-type: none"> ○ sharps containers ○ bio waste bins ○ alcohol wipes ○ dressings ○ PPE <p>Supervision of candidate's work activities by a trainer, assessor or person currently working in a phlebotomist role for at least 18 hours per fortnight for at least 12 months.</p> <p>Assessors must satisfy the Standards for Registered Training Organisations' requirements for assessors and must hold this unit or demonstrate equivalent skills and knowledge to that contained within this unit.</p>
Links	<p>Link to Companion Volume Implementation Guide.</p> <p>https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705</p>

Unit of Competency template

Unit code	HLTPAT014	
Unit title	Perform venous blood collection	
	Release	Comments
	Release 1	<p>This version was released in HLT Health Training Package release 2.0 and meets the requirements of the 2012 Standards for Training Packages.</p> <p>HLTPAT014 Perform venous blood collection supersedes and is equivalent to HLTPAT002 Perform venous blood collection.</p> <p>Major changes to performance criteria and assessment conditions. Foundation skills made explicit.</p>
Application	<p>This unit describes the skills and knowledge required to confirm venous blood collection requirements, prepare client and equipment, and perform routine venous blood collections.</p> <p>This unit applies to any individual undertaking venous blood collection as part of the job role.</p> <p>This unit relates to venous blood collections from adults, adolescents and children over 5 years of age. It does not include venous blood collections from babies, neonates, arterial blood collections or blood collections made via artificial access devices such as central lines, peripherally inserted central catheter (PICC) lines, or intra venous (IV) catheter.</p> <p><i>The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice</i></p>	
Pre-requisite unit	Nil	
Competency field		
Unit sector	Pathology	
Elements	Performance criteria	
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
1. Greet client and confirm pre-test criteria	1.1 Greet client courteously and identify self	

	<p>1.2 Identify client according to organisational procedures</p> <p>1.3 Assess and confirm client meets pre-testing criteria for required venous blood collection</p> <p>1.4 Obtain, interpret and record personal and clinical information according to organisational procedures</p> <p>1.5 Explain venous blood collection procedure to client</p> <p>1.6 Obtain informed consent for venous blood collection procedure from client</p>
2. Prepare for venous blood collection procedure	<p>2.1 Examine client to determine venous blood collection site.</p> <p>2.2 Assemble equipment for test requested and venous blood collection site selected</p> <p>2.3 Position client to ensure comfort and safety of client and self</p> <p>2.4 Identify when assistance is needed and seek help</p>
3. Draw blood	<p>3.1 Confirm vein suitable for venous blood collection through palpation of site</p> <p>3.2 Clean venous blood collection site with approved cleansing agent and allow to air dry</p> <p>3.3 Apply and adjust tourniquet according to manufacturer specifications</p> <p>3.4 Anchor vein below the venous blood collection site according to organisational procedures</p> <p>3.5 Insert needle according to venepuncture equipment function, clinical requirements and organisational procedures</p> <p>3.6 Collect blood according to collection procedure and organisational procedures</p> <p>3.7 Withdraw needle according to and organisational procedures</p> <p>3.8 Invert venous blood collection tubes according to organisational procedures</p> <p>3.9 Observe client before, during and after venous blood collection for potential adverse effects and respond according to organisational procedures</p>

4. Follow post-blood collection procedures	<p>4.1 Label venous blood collection tubes in front of client with time and date of venous blood collection and client details according to organisational procedures</p> <p>4.2 Dispose of waste in accordance with waste disposal management and infection control protocols</p> <p>4.3 Confirm tube labelling information accuracy with client</p> <p>4.4 Complete venous blood collection documentation according to organisational procedures</p> <p>4.5 Provide client with correct post venepuncture care instructions</p> <p>4.6 Prepare collected samples for transit or store according to test requested and organisational procedures</p>												
<p>Foundation skills</p> <p>The foundation skills essential to performance of this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.</p> <table border="1" data-bbox="224 919 1430 1430"> <thead> <tr> <th data-bbox="224 919 683 961">Skills</th><th data-bbox="683 919 1430 961">Description</th></tr> </thead> <tbody> <tr> <td data-bbox="224 961 683 1066">Oral communications skills to:</td><td data-bbox="683 961 1430 1066">interact with clients, assess client against pre-test criteria and report findings using some specialised vocabulary.</td></tr> <tr> <td data-bbox="224 1066 683 1140">Writing skills to:</td><td data-bbox="683 1066 1430 1140">complete familiar and unfamiliar documentation.</td></tr> <tr> <td data-bbox="224 1140 683 1283">Reading skills to:</td><td data-bbox="683 1140 1430 1283">interpret request information in client records, technical and procedural documents, infection control policies and manufacturer guidelines.</td></tr> <tr> <td data-bbox="224 1283 683 1356">Numeracy skills to:</td><td data-bbox="683 1283 1430 1356">independently measure blood volumes, interpret reference ranges and expiry dates.</td></tr> <tr> <td data-bbox="224 1356 683 1430">Observation skills to:</td><td data-bbox="683 1356 1430 1430">routinely monitor clients during and post venous blood collection.</td></tr> </tbody> </table>		Skills	Description	Oral communications skills to:	interact with clients, assess client against pre-test criteria and report findings using some specialised vocabulary.	Writing skills to:	complete familiar and unfamiliar documentation.	Reading skills to:	interpret request information in client records, technical and procedural documents, infection control policies and manufacturer guidelines.	Numeracy skills to:	independently measure blood volumes, interpret reference ranges and expiry dates.	Observation skills to:	routinely monitor clients during and post venous blood collection.
Skills	Description												
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<p>Range of conditions</p> <table border="1" data-bbox="212 1486 1442 1755"> <tr> <td data-bbox="212 1486 527 1604">Unit mapping information</td><td data-bbox="527 1486 1442 1604">HLTPAT014 Perform venous blood collection supersedes and is equivalent to HLTPAT002 Perform venous blood collection.</td></tr> <tr> <td data-bbox="212 1604 527 1755">Links</td><td data-bbox="527 1604 1442 1755">Link to Companion Volume Implementation Guide. https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705</td></tr> </table>		Unit mapping information	HLTPAT014 Perform venous blood collection supersedes and is equivalent to HLTPAT002 Perform venous blood collection.	Links	Link to Companion Volume Implementation Guide. https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705								
Unit mapping information	HLTPAT014 Perform venous blood collection supersedes and is equivalent to HLTPAT002 Perform venous blood collection.												
Links	Link to Companion Volume Implementation Guide. https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705												

Assessment Requirements template

Title	Assessment Requirements for HLTPAT014 Perform venous blood collection
Performance evidence	<p>The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role.</p> <p>There must be evidence that the candidate has:</p> <ul style="list-style-type: none"> ▪ performed the activities outlined in this unit during a period of at least 35 hours in a clinical workplace under the supervision of a trainer, assessor or phlebotomist. ▪ followed established organisational procedures and collected venous blood suitable for testing with a maximum of two attempts, involving: <ul style="list-style-type: none"> ○ a minimum of 5 collections performed using a phlebotomy simulator observed by a trainer/assessor ○ at least 10 collections from different people comprising of adults, adolescents or children over 5 years of age at a simulated work environment or clinical workplace observed by a trainer, assessor or phlebotomist ○ at least 10 collections performed from different people comprising of adults, adolescents or children over 5 years of age at a clinical workplace observed by trainer, assessor or phlebotomist. • used the following methods of venous blood collection: <ul style="list-style-type: none"> ○ evacuated venous blood collection system at least 10 times ○ winged infusion sets or needle and syringe at least 5 times according to organisational procedures.
Knowledge evidence	<p>The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the work role. This includes knowledge of:</p> <ul style="list-style-type: none"> • legal and ethical considerations for venous blood collection, and how these are applied in organisation policies and procedures: <ul style="list-style-type: none"> ○ children in the workplace ○ duty of care ○ needle phobia

	<ul style="list-style-type: none"> ○ informed consent ○ mandatory reporting ○ privacy, confidentiality and disclosure ○ records management ○ supportive holding for procedures and limitations ● work role boundaries: <ul style="list-style-type: none"> ○ venous blood collection role ○ work health and safety ● standard infection control requirements: <ul style="list-style-type: none"> ○ hand hygiene ○ personal protective equipment (PPE) ○ avoiding contact with bodily fluids ○ sharps injury prevention and treatment ○ waste disposal management ● industry terminology used in venous blood collections: <ul style="list-style-type: none"> ○ equipment ○ procedures ○ abbreviations ○ blood test names ○ venepuncture sites ○ clinical history and medication details ● key aspects of human anatomy and physiology in relation to the vascular, arterial and nervous system and relevant to venous blood collection procedures and collection sites ● components of blood in relation to quality blood samples and pre-analytical error: <ul style="list-style-type: none"> ○ serum plasma ○ red cells ○ white cells ○ platelets ● clinical risks of venous blood collection procedures and risk controls ● collection procedure factors which contribute to quality sample collection and impact on laboratory testing <ul style="list-style-type: none"> ○ volume of blood ○ approved order of blood draw ○ collection tubes ● pre-analytical factors which may affect the chemical analysis of blood and impact on collection: <ul style="list-style-type: none"> ○ collection times ○ impact of drugs
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	<ul style="list-style-type: none"> ○ timing of last dose ○ fasting times ○ strategies for protecting specimen integrity ● features, functions and use of venepuncture equipment: <ul style="list-style-type: none"> ○ evacuated venous blood collection system ○ needles and winged infusion sets ○ needles and syringes ○ tourniquets ○ cleansing solutions and swabs ○ collection tubes ● blood sample handling, processing, transit and storage methods ● requirements for selection and collection into tubes with variable additives: <ul style="list-style-type: none"> ○ ethylenediaminetetraacetic acid (EDTA) ○ sodium citrate ○ lithium heparin and sodium heparin ○ fluoride oxalate ○ separation gel ○ blood culture bottles.
Assessment conditions	<p>All aspects of the performance evidence must be demonstrated using simulation prior to demonstration in a clinical workplace setting, under direction and supervision.</p> <p>The following conditions must be met for this unit:</p> <ul style="list-style-type: none"> ● use of suitable facilities, equipment and resources, including: <ul style="list-style-type: none"> ○ tourniquets ○ collection tubes ○ syringes and needles or winged infusion set (butterfly) ○ multi-sample needle and holder ○ evacuated venous blood collection equipment ○ sharps containers ○ alcohol wipes ○ dressings ○ PPE ○ hand hygiene facilities ○ documented collection procedures for the candidate to follow ● modelling of industry operating conditions, including: <ul style="list-style-type: none"> ○ interactions with clients from the general public ○ presence of non-routine situations requiring problem solving

	<p>supervision of candidate's work activities by a trainer, assessor or a person currently working in a phlebotomist role at least 18 hours per fortnight for at least 12 months.</p> <p>Assessors must satisfy the Standards for Registered Training Organisations' requirements for assessors and must hold this unit or demonstrate equivalent skills and knowledge to that contained within this unit.</p>
Links	<p>Link to Companion Volume Implementation Guide.</p> <p>https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705</p>

DRAFT JUNE 2023

Unit of Competency template

Unit code	HLTPAT013	
Unit title	Perform venous blood collection from children 0 to 5 years	
Modification History	Release	Comments
	Release 1	New unit
Application	<p>This unit describes the skills and knowledge required to prepare, collect and complete venous blood specimens from children from 0 to 5 years</p> <p>Enrolment in this unit requires the candidate to be currently working in a phlebotomist role for at least 18 hours per fortnight for at least 12 months. They may work in collection centres, hospitals or other health care environments.</p> <p>This unit relates to venous blood collections from children under 5 years. It does not include arterial blood collections or blood collections made via artificial access devices such as central lines, peripherally inserted central catheter (PICC) lines, or intra venous (IV) catheter.</p> <p><i>The skills in this unit must be applied in accordance with current Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice</i></p> <p><i>No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.</i></p>	
Pre-requisite units	HLTPAT008 Perform capillary blood collection HLTPAT014 Perform venous blood collection	
Competency field		
Unit sector		
Elements	Performance criteria	
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	

<p>1. Prepare to collect venous blood from</p>	<p>1.1 Organise space and resources to support children, family or carer in accordance with workplace staffing requirements</p> <p>1.2 Greet children, family or carer courteously and identify self</p> <p>1.3-Interpret request form in client record and gather equipment</p> <p>1.4 Explain procedure and obtain consent for collection from parent or carer</p> <p>1.5 Determine volumes of blood required according to-organisation policies and procedures</p>
<p>2. Collect venous blood from children</p>	<p>2.1 Position children to ensure comfort and safety of child, parent or carer and self</p> <p>2.2 Confirm vein suitable for venous blood collection</p> <p>2.3 Advise parent or carer of intended collection site</p> <p>2.4 Collect venous blood from children according to infection control and organisation policies and procedures</p> <p>2.5 Assess risk-of-harm and confirm continuation of procedure</p> <p>2.6 Select and use supportive holding techniques to comfort distressed children</p> <p>2.7 Invert venous blood collection tubes according to organisation policies and procedures</p>
<p>3 Complete post venous blood collection procedures</p>	<p>34.1 Dispose of waste in accordance with waste management and infection control requirements</p> <p>34.2 Label blood collection tubes and confirm label information accuracy with parent or carer</p> <p>34.3 Prepare venous blood collection tubes for transport or store according to request form and organisational procedures</p> <p>3.4 Record and report risk-of-harm concerns, according to organisational procedures</p> <p>3.5 Complete post venous collection documentation and manage records according to organisational procedures</p>
<p>Foundation skills</p> <p>The foundation skills essential to performance of this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.</p>	

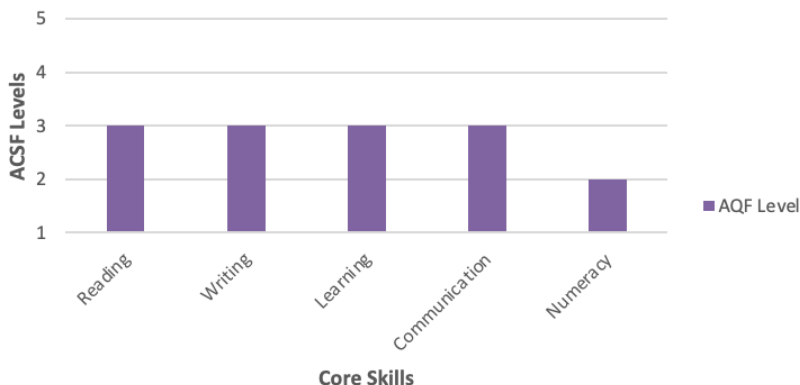
Skills	Description
Oral communications skills to:	Interact with clients, parents and carers using some specialised vocabulary.
Writing skills to:	complete familiar and unfamiliar documentation.
Reading skills to:	interpret request form in client records, technical and procedural documents, infection control policies and manufacturer guidelines.
Numeracy skills to:	Independently measure blood volumes, interpret reference ranges and expiry dates.
Observation skills to:	Routinely monitor clients during and post venous blood collection.
Range of conditions	
Unit mapping information	<i>No equivalent unit.</i>
Links	<p>Link to Companion Volume Implementation Guide.</p> <p>https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705</p>

Assessment Requirements template

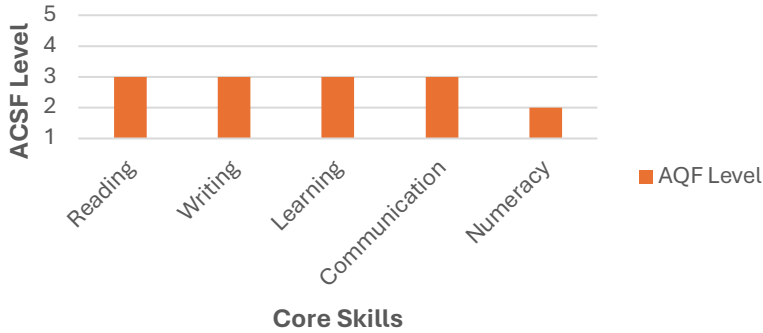
Title	Assessment Requirements for HLTPAT013 Collect pathology specimens from children 0 to 5 years
Performance evidence	<p>The candidate must show evidence of the ability to complete the tasks outlined in the elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role.</p> <p>There must be evidence that the candidate has:</p> <ul style="list-style-type: none"> performed the activities outlined in this unit under the supervision of a trainer, assessor or phlebotomist. followed established organisational procedures and collected venous blood suitable for testing with a maximum of two attempts from children, involving: a minimum of 5 collections performed using simulated bleeds at least 5 collections performed using real children from 0 to 5 years using evacuated system or winged infusion sets.

Knowledge evidence	<p>The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit. This includes knowledge of:</p> <ul style="list-style-type: none"> • legal and ethical considerations for venous blood collection from children, and how these are applied in organisation policies and procedures: <ul style="list-style-type: none"> ○ child safety standards ○ rights of children ○ duty of care ○ informed consent ○ mandatory reporting ○ privacy, confidentiality and disclosure • records management • risk of harm concerns □ collection procedures when working with children <ul style="list-style-type: none"> ○ method and site of collection ○ volumes of blood required according to testing ○ volumes of blood limits based on age and weight of children ○ supportive holding techniques • standard infection control requirements,-including: <ul style="list-style-type: none"> ○ hand hygiene ○ personal protective equipment (PPE) ○ avoiding contact with body fluids ○ sharps injury prevention and treatment ○ waste management disposal
Assessment conditions	<p>All aspects of the performance evidence must be demonstrated using simulation prior to demonstration in a clinical workplace setting or an environment that reflects a real workplace, under direction and supervision.</p> <p>The following conditions must be met for this unit:</p> <ul style="list-style-type: none"> ▪ use of suitable facilities, equipment and resources, including: <ul style="list-style-type: none"> ▪ blood collection request form ▪ collection tubes ▪ syringes and needles or winged infusion set (butterfly) ▪ multi-sample needle and holder ▪ evacuated venous blood collection equipment ▪ sharps containers ▪ alcohol wipes ▪ dressings

	<ul style="list-style-type: none"> ▪ PPE ▪ hand hygiene facilities ▪ documented collection procedures ▪ modelling of industry operating conditions, including: <ul style="list-style-type: none"> ▪ interactions with children from 0 to 5 years, family or carer ▪ presence of non-routine situations requiring problem solving ▪ supervision of candidate's work activities by a trainer, assessor or a person currently working in a phlebotomist role for at least 18 hours in a fortnight period for at least 12 months <p>Assessors must satisfy the Standards for Registered Training Organisations' requirements for assessors and must hold this unit or demonstrate equivalent skills and knowledge to that contained within this unit</p>
Links	<p>Link to Companion Volume Implementation Guide.</p> <p>https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705</p>

HLTSS00059	<i>Venous Blood Collection Skill Set</i>													
Modification History	Release	Comments												
	Release 4	Release 4. Supersedes and is equivalent to <u>HLTSS00059</u> Venous blood collection skill set release 3. Minor change to update superseded and equivalent unit of competency.												
	Release 3	Release 3. Supersedes and is equivalent to <u>HLTSS00059</u> Venous blood collection skill set release 2. Minor change to update Infection Control unit of competency.												
	Release 2	Release 2. Supersedes and is equivalent to <u>HLTSS00059</u> Venous blood collection skill set release 1. Minor change to update Infection Control unit of competency.												
	Release 1	New skill set. This version was released in HLT Health Training Package release 3.0 and meets the requirements of the 2012 Standards for Training Packages												
Description	This skill set reflects the minimum requirements for health care workers required to perform venepuncture in a clinical environment.													
Pathways Information	These units provide credit towards a range of qualifications in the <i>HLT Health Training Package</i> .													
Foundation Skills	<div><p>ACSF Levels for Venous Blood Collection Skill Set</p><table><caption>ACSF Levels for Venous Blood Collection Skill Set</caption><tr><th>Core Skills</th><th>ACSF Levels</th></tr><tr><td>Reading</td><td>3</td></tr><tr><td>Writing</td><td>3</td></tr><tr><td>Learning</td><td>3</td></tr><tr><td>Communication</td><td>3</td></tr><tr><td>Numeracy</td><td>2</td></tr></table></div>		Core Skills	ACSF Levels	Reading	3	Writing	3	Learning	3	Communication	3	Numeracy	2
Core Skills	ACSF Levels													
Reading	3													
Writing	3													
Learning	3													
Communication	3													
Numeracy	2													
Licensing/Regulatory Information	<i>No occupational licensing, certification or specific legislative requirements apply to this Skill Set at the time of publication.</i>													
Skill Set Requirements	HLTPAT008 Identify and respond to clinical risks in pathology collection HLTPAT014 Perform venous blood collection HLTINF006 Apply basic principles and practices of infection control													

Target Group	<p>This skill set is for health care workers seeking to broaden their skills to include performance of venous blood collection.</p> <p>It has been endorsed by industry as suitable for individuals who:</p> <ul style="list-style-type: none"> • hold a qualification at Certificate III level or higher in health <p>or</p> <ul style="list-style-type: none"> • have skills equivalent to the qualification requirement validated through a recognition of prior learning process.
Suggested words for Statement of Attainment	<p>These competencies from the <i>HLT Training Package</i> provides a set of skills and knowledge to perform venous blood collection in a clinical environment.</p>

Skill set code	HLTSS00085												
Skill set title	Perform Blood Collection from Children Aged 0 to 5 Years Skill Set												
Skill set description	This skill set provides pathology collectors with the necessary skills and knowledge to perform blood collection from children 0 to 5 years in a clinical environment.												
Pathways information	These units provide credit towards a range of qualifications in the <i>HLT Health Training Package</i> .												
Entry requirements	HLTPAT012 Perform capillary blood collection HLTPAT014 Perform venous blood collection												
Foundation skills outcomes	<p>ACSF Levels for Perform Blood Collection from Children Aged 0 to 5 Years Skill Set</p>  <table border="1"> <thead> <tr> <th>Core Skills</th> <th>ACSF Level</th> </tr> </thead> <tbody> <tr> <td>Reading</td> <td>3</td> </tr> <tr> <td>Writing</td> <td>3</td> </tr> <tr> <td>Learning</td> <td>3</td> </tr> <tr> <td>Communication</td> <td>3</td> </tr> <tr> <td>Numeracy</td> <td>2</td> </tr> </tbody> </table>	Core Skills	ACSF Level	Reading	3	Writing	3	Learning	3	Communication	3	Numeracy	2
Core Skills	ACSF Level												
Reading	3												
Writing	3												
Learning	3												
Communication	3												
Numeracy	2												
Skills set requirements	HLTPAT013 Perform venous blood collection from children 0 to 5 years												
Skill set mapping information	No equivalent skill set												
Links	<p>Link to Companion Volume Implementation Guide</p> <p>https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c3d1390f-48d9-4ab0-bd50-b015e5485705</p>												