

UNIT CODE	HLTAHA046
UNIT TITLE	Support the medical imaging professional
APPLICATION	<p>This unit describes the skills and knowledge required to provide assistance to an allied health professional. Work includes conducting activities essential for the functioning of a medical imaging environment, including, specialist cleaning, stock maintenance and set-up requirements.</p> <p>This unit does not equip a worker to perform medical imaging and applies to allied health assistants and should be performed under the direct, indirect or remote supervision and delegation of an Allied Health Professional (AHP)</p> <p>The skills in this unit must be applied in accordance with Allied Health Assistant Framework, Commonwealth and State/Territory legislation, Australian standards and industry codes of practice.</p> <p>No occupational licensing, certification or specific legislative requirements apply to this unit at the time of publication</p>
PREREQUISITE UNIT	Nil
COMPETENCY FIELD	Allied Health
UNIT SECTOR	Health

ELEMENTS	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Receive delegation and gather information.	1.1 Obtain written or verbal delegation for an allied health activity from the allied health professional. 1.2 Obtain information from relevant sources and delegating allied health professional, according to organisational policy and procedures. 1.3 Discuss and confirm with delegating allied health professional consultations and preparation of equipment and resource required.

2. Contribute to set-up for medical imaging.	2.1 Prepare and tidy examination room. 2.2 Check equipment to manufacturers requirements for wear and damage and report as to organisational protocol. 2.3 Turn on equipment. 2.4 Check batteries charge and inserted into imaging detector plates as to manufacturers requirements. 2.5 Refill medical imaging paper printer and film printer. 2.6 Check Radiology Information System (RIS). 2.7 Safely transport mobile X-ray and ultrasound equipment.
3. Clean medical imaging equipment and environment within scope of role.	3.1 Clean medical imaging equipment according to manufacturer's requirements as delegated by the medical imaging professional. 3.2 Clean and document examination rooms in accordance with infection control requirements and organisational procedures. 3.3 Maintain a tidy and clean medical imaging environment. 3.4 Dispose of cleaning materials and other waste in accordance with manufacturers requirements and organisational guidelines.
4. Maintain medical imaging stock.	4.1 Maintain levels of disposable stock according to organisational procedures. 4.2 Monitor medical imaging supplies and order where necessary. 4.3 Maintain stocks of clean linen. 4.4 Monitor oxygen cylinders and order as to organisational procedures.
5. Provide support for the imaging process.	5.1 Assist with persons transfers and movement using relevant lifting procedures and infection control requirements to ensure self and persons safety as delegated by the medical imaging professional. 5.2 Confirm with person pre-existing conditions that may be affected by X-ray or procedure and report concerns to the delegated by the medical imaging professional. 5.3 Assist person with needs during the medical imaging process as delegated by the medical imaging professional. 5.4 Ensure own actions do not compromise sterile field.
6. Work safely in a medical radiation environment.	6.1 Ensure individual and support persons are aware of dangers associated with magnetic fields and X-rays. 6.2 Comply with safety signs, radiation protection principles and organisation's radiation management plan in the medical imaging environment. 6.3 Wear personal protective equipment and personal monitoring in the medical imaging environment. 6.4 Report and document any concerns about radiation safety according to organisation procedures.

FOUNDATION SKILLS

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

SKILLS	DESCRIPTION
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Reading skills to:	■
Writing skills to:	■
Oral communication skills to:	■
Numeracy skills to:	■
Learning skills to:	■
Problem-solving skills to:	■
Initiative and enterprise skills to:	■
Teamwork skills to:	■
Planning and organising skills to:	■
Self-management skills to:	■
Technology skills to:	■

UNIT MAPPING INFORMATION	No equivalent unit.
LINKS	Companion Volume Implementation Guide

TITLE	Assessment Requirements for HLTAHA046 Support the medical imaging professional
PERFORMANCE EVIDENCE	<p>Evidence of the ability to complete tasks outlined in elements and performance criteria of this unit in the context of the job role, and:</p> <ul style="list-style-type: none"> ■ support the functioning of a medical imaging environment by conducting set up, equipment cleaning and stock control ■ assist with moving positioning a patient a during a procedure or x-ray under the direction of the medical imaging professional one in simulation and one in the workplace.

KNOWLEDGE EVIDENCE	<p>Demonstrate the knowledge required to complete the tasks outlined in elements and performance criteria of this unit:</p> <ul style="list-style-type: none"> ■ allied health core competencies: <ul style="list-style-type: none"> ○ person-centred care ○ individual therapy ○ group therapy ○ communication of person information ○ equipment and environment ■ requirements for those dispensing ionising radiation and licensing requirements in their state or territory ■ different medical imaging processes: <ul style="list-style-type: none"> ○ what they are used for ○ length of time to undertake the procedure ○ images produced by each procedure: <ul style="list-style-type: none"> ● general radiography ● mammography ● fluoroscopy ● computed tomography (CT) scanning ● magnetic resonance imaging (MRI) scanning ● ultrasound ● angiography ● bone densitometry ■ personal radiation safety requirements in the medical imaging environment, including: <ul style="list-style-type: none"> ○ radiation protection principles ○ hierarchy of control measures ○ responsibilities of employees and employers under relevant regulations and codes ○ emergency procedures ○ personal protective equipment (PPE) ○ monitoring equipment ○ safety signs and their meaning ■ differences: <ul style="list-style-type: none"> ○ between radioactivity and generation of x-rays ○ between Nuclear Medicine and X-ray ○ basic dose principles and x-ray generation ■ MRI safety, patients with contra-indications ■ patient moving equipment: <ul style="list-style-type: none"> ○ patslides ○ bed-movers ○ patient lifters ■ legal and ethical considerations relevant to medical imaging: <ul style="list-style-type: none"> ○ privacy, confidentiality and disclosure ○ work health and safety (WHS) requirements within the medical imaging environment, including personal safety requirements in an MRI environment and hierarchy of MRI field control measures ■ quality requirements associated with the maintenance of a medical imaging environment ■ organisational policies and procedures in relation to: <ul style="list-style-type: none"> ○ confidentiality ○ documentation <ul style="list-style-type: none"> ● reporting ● recording patient data ● written communication to Allied Health Professional
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	<ul style="list-style-type: none"> ◦ professional behaviour and presentation ◦ infection control practices ◦ occupational health and safety ◦ manual handling ◦ supervisory, delegation ◦ stock maintenance ◦ specialist cleaning ◦ set-up <ul style="list-style-type: none"> ■ principles of empowering the older person ■ principles of empowering people living with disability or serious mental illness ■ changes related to ageing ■ concepts of holistic health and wellbeing ■ social determinants of health. ■ concepts of the medical model, the biopsychosocial models and the human rights based approach of allied health interventions ■ principles of choice and control ■ concept of reablement.
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ASSESSMENT CONDITIONS	<p>Skills must be demonstrated in the workplace or in a simulated environment. All aspects of the performance evidence must have been demonstrated using simulation prior to being demonstrated in the workplace.</p> <p>Assessment must ensure:</p> <ul style="list-style-type: none"> ■ access to suitable facilities, equipment and resources that reflect real working conditions and model industry operating conditions and contingencies ■ access to organisational policies and procedures ■ access to medical imaging equipment and guidelines ■ access to radiation management plan ■ access to personal protective equipment (PPE) ■ opportunities for engagement with real people accessing allied health services. <p>Assessors must satisfy the Standards for Registered Training Organisations requirements for assessors and be an allied health assistant with a minimum of three years of professional experience in allied health services or a recognised Allied Health Professional.</p>
LINKS	Companion Volume Implementation Guide