



University of
South Australia

Medical Radiations Program

Clinical Supervisors Meeting

Thursday 13th June 2024
12-1pm



**University of
South Australia**

Medical Imaging Break out room

MI specific discussion topics

- Clinical competencies, workbooks & reports - Teresa Cross
- Horizon Health/Mobile X-ray unit - Melissa Philpot
- Honours Program - Haley Vu
- Medical Radiation MI specific grants - Haley Vu & Elio Arruzza
- Q & A



Clinical competencies, workbooks & reports

Competency Requirement Milestones

Course	Patient Classification	Total Competencies for the Course
CP1	1,	*6 (minimum)
CP2	1,2	*18 (minimum)
CP3	1,2,3	*31 (minimum)
CP4	1,2,3	*43 (minimum)
PEP1	1,2,3	*52 (minimum)
PEP2	1,2,3	*60 (minimum)

*Minimum number of competencies may vary. Please refer to individual course outlines.



Clinical competencies, workbooks & reports

L/L Part 1 Foot/Toe(s) (Non Weight-Bearing)

Examination Description	Patient Class	Date completed	*Verified by: (please print name)	Signature	Line Code
When the table is complete approach your clinical supervisor or delegated mentor to perform a competency assessment for this examination.					

*Please ensure you have recorded your details in the supervising radiographers' section.

It is the student's responsibility to ensure that next to each signature there is Line Code documented. Failure to do so will result in the signature not being registered as valid.

COMPETENCY ASSESSMENT

EXAMINATION COMPONENTS	COMMENTS
SAFE PRACTICE - Appropriate personal and patient safety, safe application of radiographic equipment, safe application of manual handling	
PROFESSIONAL CONDUCT - Professional behaviour shown to staff, patient and carers at all times, name badge and luel visible and maintenance of strict patient confidentiality	
COMMUNICATION AND CARE - Clear explanations to the patient, respect and courtesy shown at all times, recognition of patient's needs, respects rights and sensitivities of the patient, appropriate interaction with other members of health care team	
MOTIVATION AND ORGANISATION - Seeks new information, displays respect and trust in authority of others, responds well to constructive criticism, shows initiative	
RADIATION PROTECTION - Checks request form for authorisation, adheres to ALARA principle, checks for pregnancy and responds appropriately and uses appropriate radiation protection for self and others	
RADIOGRAPHIC TECHNIQUE - Uses radio-opaque markers, ensures all technical factors correct prior to exposing, ensures logical sequence of projections taken, selects correct grid/non-grid technique, SID.	
PATIENT POSITIONING - Accurate positioning of the patient, correct centring points chosen, good use of positioning aids.	
EQUIPMENT / INSTRUMENTATION MANIPULATION - Understanding of exposure factors, select correct factors, sound knowledge of control console, appropriate use of automatic exposure devices, understanding of CR/DB system	
CONCLUSION OF EXAMINATION - Completion of examination fluently, refers to Radiologist appropriately, Offers appropriate information to the patient, processing/post processing completed correctly, films dispatched appropriately	
ANATOMY & PATHOLOGY KNOWLEDGE - Thorough image evaluation (PACEMAN), good suggestions for improvements if required, thorough knowledge of radiographic anatomy and relevant pathology.	
REFLECTION - Able to reflect on own practice accurately	
SUPERVISING RADIOGRAPHERS DECLARATION:	
I have observed the student in performance of this <u>examination</u> and I declare that on this day they have demonstrated a clear level of competence meeting all the above criteria.	
Supervising radiographer's signature: _____	
Date: _____	
SUPERVISING REGISTERED RADIOGRAPHER'S NAME (Please print): _____	
LINE CODE - Student to complete	



Clinical competencies, workbooks & reports

Summative Report Clinical Practice 2 Medical Imaging		Well above expected level	Above expected level	At expected level	Below expected level	Well below expected level	N/A
COMMUNICATION							
C1	Communicates courteously and appropriately with the patient and relatives	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C2	Explains instructions and information relating to the examination, to the patient, in an appropriate manner	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C3	Accurately identifies the patient according to departmental protocols	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C4	Correctly responds to instructions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C5	Interacts appropriately with other members of the health care team	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
RADIATION PROTECTION							
RP1	Adheres to the ALARA principle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
RP2	Checks for pregnancy and responds appropriately to patient's reply	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
RP3	Checks request and patient details are accurate and authorised	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
RP4	Closes door prior to producing radiation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
RP5	Uses appropriate radiation protection for self, patient and others	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

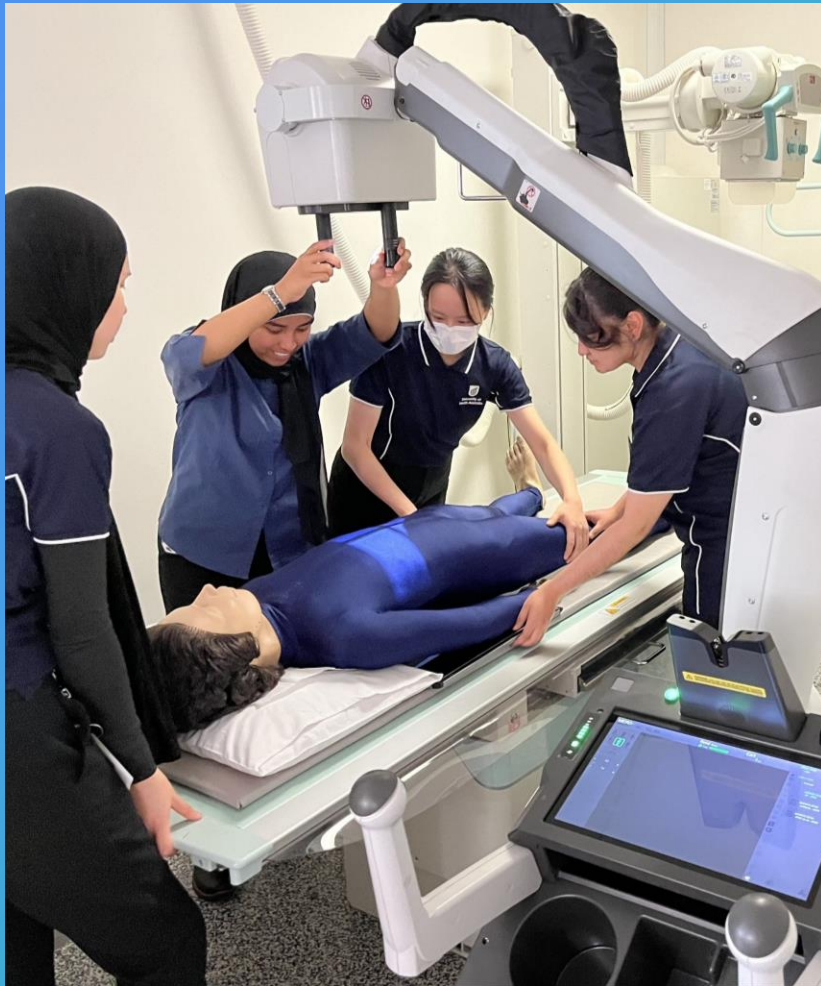


+
•
○

INTRODUCTION OF MOBILE X-RAY UNIT INTO MEDICAL IMAGING PROGRAM

Collaboration with Micro-X and the
Horizon Hospital and Health
Service





Utilised in 3rd year of the Medical Imaging program during the Studies 3 course which covers mobile and modified imaging techniques

- Excellent opportunity for students to gain confidence and competence in mobile imaging techniques on campus before attending second clinical placement (CP2)
- Able to practice in the X-ray suite in our Medical Radiation Unit, as well as in the Nursing Unit's simulated clinical environment – The Horizon Hospital and Health Service

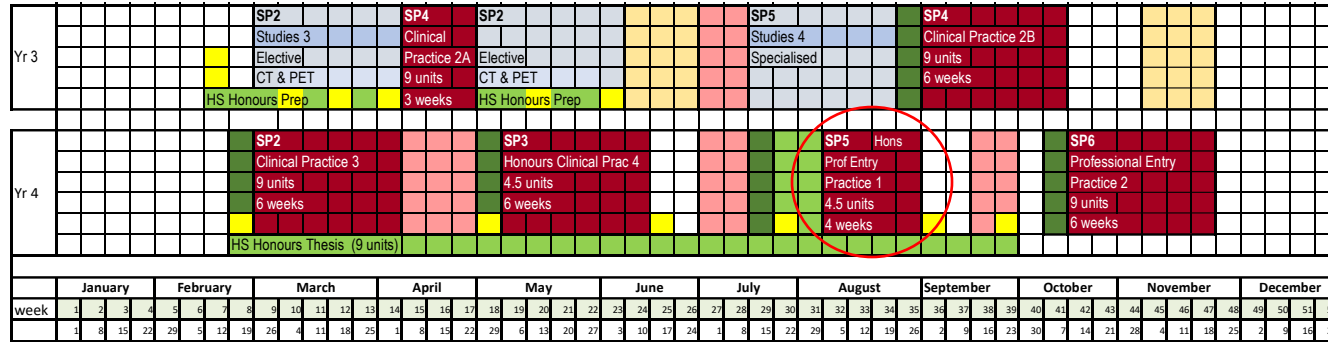
OPPORTUNITIES TO BE BOTH RADIOGRAPHER AND PATIENT...



**...AND EXPERIENCE WORKING
AROUND ANCILLARY
EQUIPMENT THEY WERE
LIKELY TO ENCOUNTER IN THE
CLINICAL SETTING**



Honours concession days

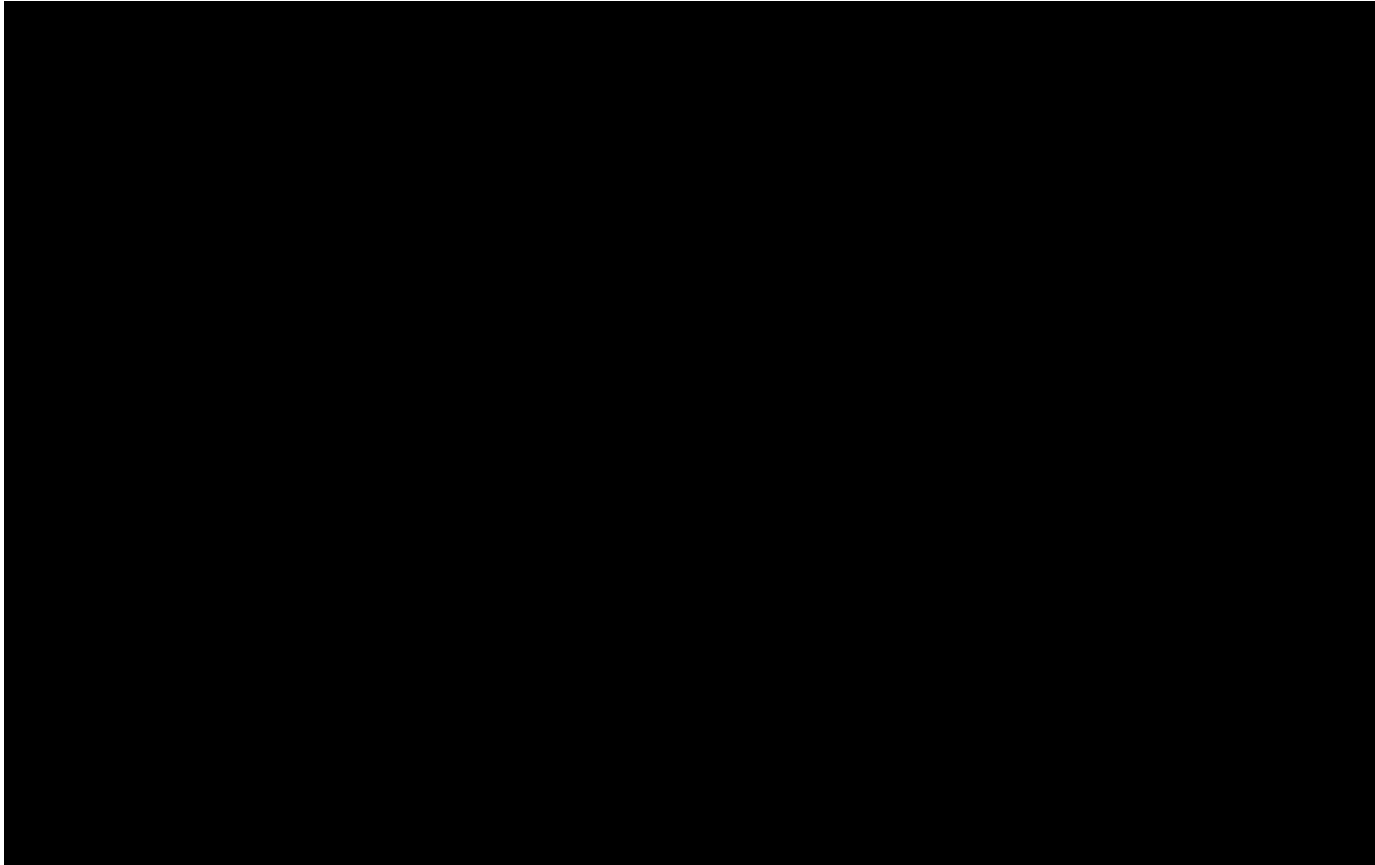


KEY:

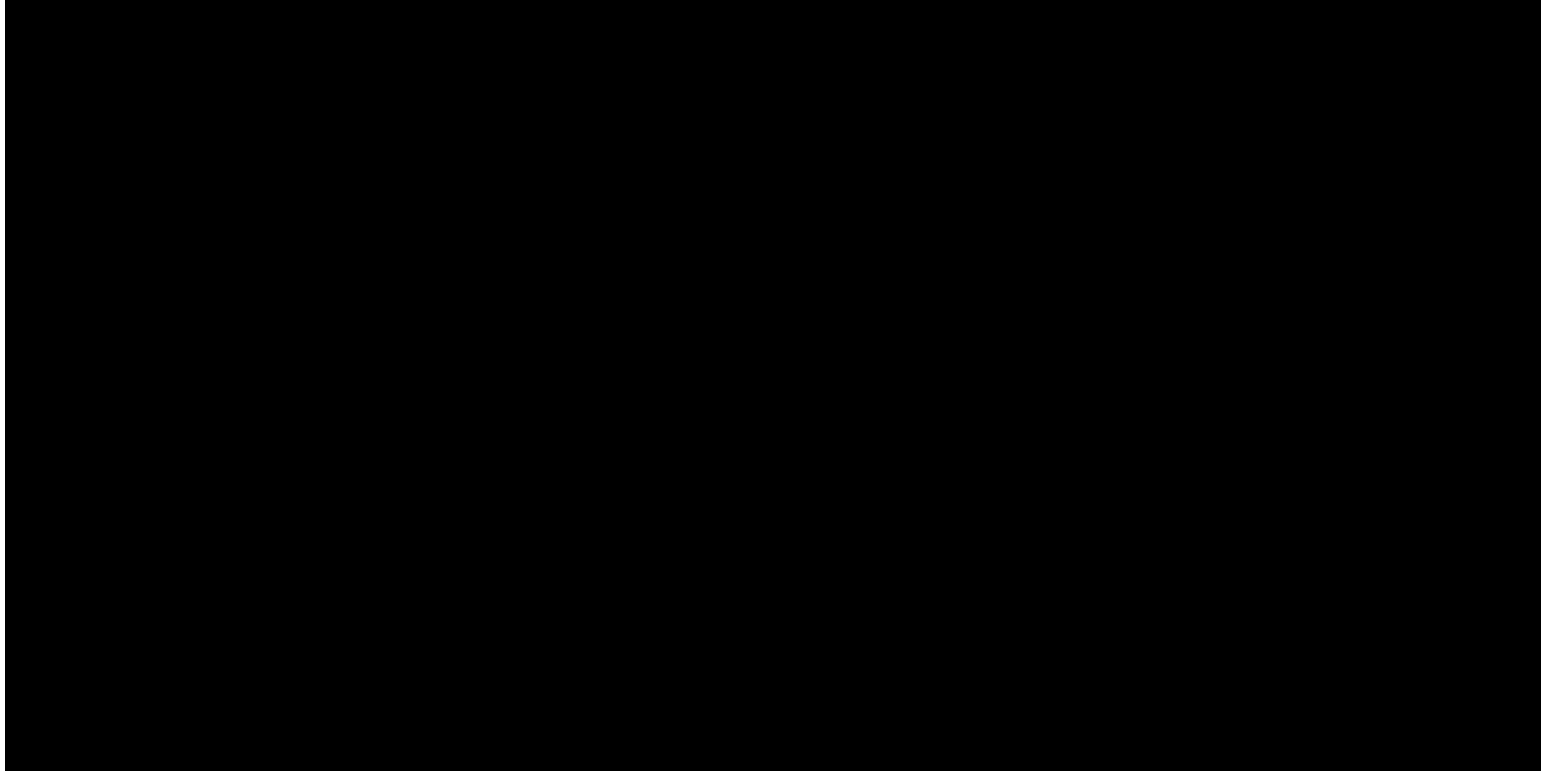
Shared academic course	Regular University breaks	Clinical course (Placement)	One hour CP1 workshop per week
Discipline specific academic course	Exam period	Pre-clinical workshop	
Honours Course	Honours Sessions		

- Shorter PEP1 clinical course
- Less assignments in CP4 and PEP1
- 10 Honours concession days

Enriching Operative theatre imaging education through computer-based simulation



Touring clinical sites before placements using 360° virtual tours





University of
South Australia

THANK
you

We thank you all for taking the time out of your busy clinical day to participate in this meeting, and for the ongoing investment towards our profession by assisting in the training of UniSA MI students.