



**University of
South Australia**

Nuclear Medicine Break out room

THANK
you

The UniSA Nuc Med team



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NM outline

- Updates from UniSA Nuc Med
- Student numbers
- Placement allocation process
- Clinical reports
- The struggling student



- **UniSA/SAMI WCH partnership**
- **Restructure of first year**
- **High levels of student engagement**
- **Improved flexibility and delivery**
- **Upcoming merger**



Student numbers and allocation process

40 first year

21 second year

11 third year

15 fourth year

Placement allocation process

1. Local (SA placements) utilized initially. 12-14 SA sites
2. UniSA funds interstate placements – flights and modest accommodation allowance
3. Students preference interstate location to allow some student input to timing and location
4. Interstate preferencing usually considers – accommodation costs and availability at that location, local transport, family/friends at location, employment opportunities, previous student experiences
5. Taking time off paid work in SA to attend interstate is a source of anxiety for many students
6. Students have excellent experiences interstate and generally very keen to go interstate

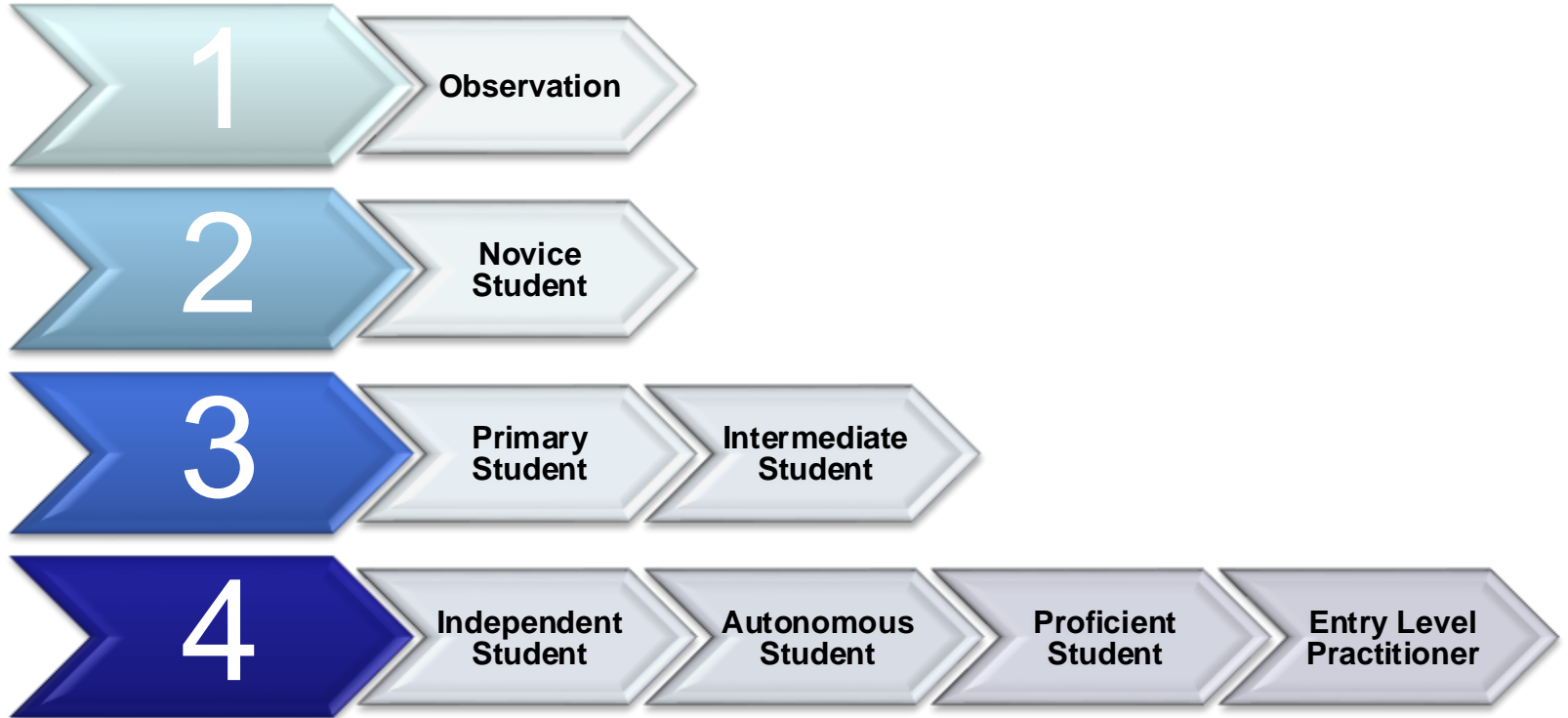


CT

- CT placement continues to be problematic due to shortage of placements in SA
- May need to think of offering with interstate placement
- CT placement is at risk for higher student numbers



EXPECTED LEVELS OF PERFORMANCE



Final grades for coursework programs

Grade	Notation	Mark	Descriptor	Grade Point
High Distinction	HD	85-100	Outstanding performance across the learning outcomes.	7
Distinction	D	75-84	Excellent performance across the learning outcomes.	6
Credit	C	65-74	High performance across the learning outcomes, OR excellent performance on the majority of the learning outcomes.	5
Pass Level 1	P1	55-64	Satisfactory performance across the learning outcomes, OR high performance on some learning outcomes which compensates for unsatisfactory performance on others, resulting in overall satisfactory performance.	4.5
Pass Level 2	P2	50-54	Satisfactory performance on the majority of learning outcomes.	4
Fail Level 1	F1	40-49	Unsatisfactory performance on a number of learning outcomes, OR failure to meet specified assessment requirements.	1.5
Fail Level 2	F2	Below 40	Unsatisfactory performance on the majority of learning outcomes.	1

Example calculation

With reference to the 'Nuclear Medicine Clinical Practice Performance Guidelines', please assess the following.

	Well above expected level	Above expected level	At expected level	Below expected level	Well below expected level
COMMUNICATION AND PATIENT CARE	5	4	3	2	1
Greets patients courteously and verifies their identity					



The clinical report – example CP3

Performance guidelines

At the completion of the clinical placement the student should be able to:

Communication and Patient Care

- Display a higher level of patient interaction.
- Use suitable language to explain procedures to patients.
- Use more eye contact and personalised instructions for the patient.
- Manage more complex patient presentations and auxiliary equipment.
- Readily anticipate patient care issues associated with Nuclear Medicine examinations and procedures.

Student Characteristics / Clinical Decision Making

- Show good skills with basic examinations / procedures on less complex patients.
- Undertake, with supervision, more complex examinations / procedures on more challenging patients.
- Cope with more than one demand at a time.
- Demonstrate strong history taking skills and act upon information gained and make suggestions to improve the patient experience with guidance.

Nuclear Medicine Practice / Equipment / Instrumentation

- Show an integration of knowledge from previous cases and academic knowledge.
- Confidently use most imaging and accessory equipment.
- Manage protocol variations for unusual patient presentations, with guidance.
- Show awareness of underlying pathology and its effect on images taken eg obliques, SPECT.
- Perform procedures given extra time.
- Understand and implement all departmental policies and procedures.
- Identify procedures required to implement improvements.
- Comfortably work in the clinical environment though may still be apprehensive in remote or unusual locations eg wards, ICU, HDU, hospital clinics.

Image Critique / Interpretation

- Critique all images produced though at times requires assistance in correcting images or taking different types of images.
- Identify and name common abnormalities in images produced.
- Demonstrate good use of medical and Nuclear Medicine terminology.
- Identify more complex abnormalities but not name at this stage.



The Formative report

- *feedback focus areas to student
- *give strategies to improve
- *flag concerns directly to Uni if required
- *ensure that students understand that the team contributes to the report



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STUDENT:

'The Independent Student'

SUPERVISOR SIGNATURE:

With reference to the 'Nuclear Medicine Clinical Practice Performance Guidelines', please assess the following.

FORMATIVE CLINICAL REPORT	Well above expected level	Above expected level	At expected level	Below expected level	Well below expected level
COMMUNICATION AND PATIENT CARE					
Interacts with patients at a higher level					
Confidently communicates appropriate instructions to patients for Nuclear Medicine examinations using suitable language					
Safely handles equipment attached to patients (eg O ₂ , IV lines)					
Anticipates patient care issues associated with Nuclear Medicine examinations and procedures and responds appropriately to patients' needs					
Respects the rights and sensitivities of patients and their families					
Promptly responds to instructions given by members of the Nuclear Medicine team					
Clearly expresses any concerns to the appropriate Nuclear Medicine or health care team member					
Interacts confidently with other members of the health care team					
STUDENT CHARACTERISTICS / CLINICAL DECISION MAKING					
Seeks new information to improve on knowledge base					
Shows initiative and actively participates in assisting patients and the Nuclear Medicine team					
Displays respect and trust in the authority of others					
Responds positively to constructive criticism					
Prepares the imaging room before the patient enters					
Maintains a neat and orderly work area					
Checks request form for authorisation, correct clinical information and patient identification					
Demonstrates strong history taking skills and acts upon information gained, with guidance					
Performs basic examinations / procedures on less complex patients					
Attempts complex examinations / procedures on more challenging patients, with guidance					
Adheres to the ALARA principle					
Wears, changes and removes gloves / gown when appropriate					
Can cope with more than one demand at a time					
NUCLEAR MEDICINE PRACTICE / EQUIPMENT / INSTRUMENTATION					
Confidently positions patients and uses equipment for routine studies and can suggest ways to implement improvements					
Takes appropriate views in a logical sequence for routine studies, given extra time					
Manages protocol variations for unusual patient presentations, with guidance					
Demonstrates knowledge and application of theory covered during university program and previous clinical courses					
Practices 'Standard Precautions', as necessary					
Understands and implements departmental structure and patient pathways					
Shows more awareness of underlying pathology and its effect on images taken eg obliques, SPECT					
Displays knowledge of the gamma camera and control console					
IMAGE CRITIQUE / INTERPRETATION					
Labels film (if applicable) / screen captures and uses appropriate intensity					
Evaluates technical aspects of resultant images but at times may require assistance in correcting images or taking different types of images					
Identifies obvious and basic abnormalities					
Identifies more complex abnormalities but requires assistance to name the abnormalities					
Demonstrates good use of medical and Nuclear Medicine terminology					
Correctly follows department pathway at study completion					

If the Clinical Supervisor is unable to rate a particular criterion at the time of assessment, she / he should indicate this by entering N/A adjacent to the appropriate criterion.

The Summative report

- *compare to formative report – any regression should be discussed
- *ensure that comments match the report
- *give constructive feedback and focus areas for future
- *be mindful of personal or hurtful comments as confidence building is important



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Promptly responds to instructions given by members of the Nuclear Medicine team					
Clearly expresses any concerns to the appropriate Nuclear Medicine or health care team member					
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STUDENT CHARACTERISTICS / CLINICAL DECISION MAKING					
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NUCLEAR MEDICINE PRACTICE / EQUIPMENT / INSTRUMENTATION					
Confidently positions patients and uses equipment for routine studies and can suggest ways to implement improvements					
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Manages protocol variations for unusual patient presentations, with guidance					
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The struggling/failing student





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