

EXAM S / 21/24

RN

**Outline of the summative assessment:**

The aim of this summative assessment is to assess the student has reached the required levels of competency.

One summative assessment involves the student scanning a short list of 2 patients for 15-credit modules and a short list of 4 patients for 30-credit modules, while being assessed by 2 assessors. The lead assessor needs to have attended a UWE appraisers' day.

The student will be assessed before, during and after the examination/s.

Criteria marked with a single asterisk (\*) may not always be applicable – leave blank if not applicable or N/A.

Areas marked with \*\* are compulsory achievements for each examination and therefore if the student fails to demonstrate this criteria/competency the assessment will be an **automatic fail**:

**Elements to be assessed before the examination include:**

- Evaluation of the request forms
- Preparation of the environment and equipment
- Preparation of the patient for the examination.

**Elements to be assessed during the examination include:**

- Patient care, communication and management
- Image optimisation, acquisition and interpretation
- Ergonomics (health and safety)

**Elements to be assessed after the examination include:**

- Patient communication after the examination
- Patient management
- Image interpretation and reporting skills

In the event of a fail at the first sit, please state what action will be taken to help the student achieve the required clinical competence. In this instance, please ensure that you provide the student with constructive feedback and identify appropriate learning outcomes and formulate an action plan.

Name of student: RAY MURUNAN

Name of placement: DUPLEX, ~~THE~~ CLINIC/VASCULAR DRT, MUSGRAVE PARK HOSP.

Module title: CAROTID / VERTEBRAL / EXTRACRANIAL ARTERIA DUPLEX

Study 1: CAROTID & VERTEBRAL DUPLEX

Study 2: CAROTID & VERTEBRAL DUPLEX

Study 3: CAROTID & VERTEBRAL DUPLEX

Study 4: .....

Name of appraiser/s: MRS RACHA NURRIS

Date of assessment: 5/8/2024

Pass/~~Fail~~

(circle or delete as appropriate)

Overall summary of appraiser's comments:

(including patient condition and student performance)

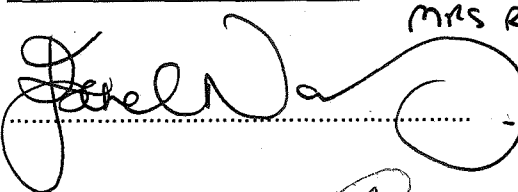
Very good examination. Knew machine controls, excellent image optimization & technique. We questioned him about rare pathology & he gave details of technique and he answered correctly. Wonderful with patients. High Standard of Scans with excellent knowledge of the subject.

Learning objectives and agreed action plan (in the event of a fail):

NA

Signature/s of appraiser/s:

MRS RACHA NURRIS



Signature of student:



Before the examination:

JB WD JH

Criteria	Required level achieved (yes or no)			
Did the student?	Study 1	Study 2	Study 3	Study 4
Review the request form? **	Y	Y	Y	
Confirm that the examination requested was appropriate? **	Y	Y	Y	
Discuss possible outcomes of the scan and relevant measurements required?	Y	Y	Y	
Ensure all equipment is working, appropriate consumables are available and fully prepared for the examination. ** (including washing hands and cleaning transducers)	Y	Y	Y	
Positively identify the patient **	Y	Y	X	
Introduce themselves and relevant personnel to the patient?	Y	Y	Y	
Give full clear explanation of the examination and confirm correct preparation has been carried out?	Y	Y	Y	
Gain informed consent? **	Y	Y	Y	

Appraiser feedback regarding performance before the examination:

Very good patient manner, communicated well with patient. Cleaned room & bed, good hygiene.

During the examination:

JB WD JH

Criteria	Required level Achieved (yes or no)			
Did the student?	Study 1	Study 2	Study 3	Study 4
Select the appropriate presets and transducers?	X	Y	Y	
Identify patient correctly and input correct ID onto the machine? **	Y	Y	Y	

RB LD JH

Consider ergonomics and reduce risks? (scanning position, equipment position including height and posture)	Y	Y	Y	
Respect patient privacy, dignity & comfort throughout the examination?	Y	Y	Y	
Systematically survey the area under investigation	Y	Y	Y	
Use appropriate techniques to acquire the best possible information? ** (Use of different transducers; Doppler)	Y	Y	Y	
Understand the importance of image optimisation? (focus; TGC; gain, zoom, depth)	Y	Y	Y	
Correctly demonstrate the relevant anatomy & pathology? **	Y	Y 4.1g, 1.2V, 1.2m, 1.2m	Y	
Annotate and record representative images as appropriate? (in accordance with department protocols)	Y	Y TS	Y	
Perform accurate measurements of appropriate structures? (in accordance with department protocols)	Y	Y	Y	
Perform the scan in an appropriately timely manner? **	Y	Y	Y	
Communicate in a professional and ethical manner with the patient and any accompanying person during the examination. **	Y	Y	Y	
Deal sensitively and appropriately with any issues and queries arising from the examination?	Y	Y	Y	
Discuss the results of the examination with the patient in an appropriate manner, in accordance with local protocols. Confirm the patient understands how to obtain the results	Y	Y	Y	
(*if appropriate) Realise own limitations and seek advice for a second opinion when it was prudent to do so	N/A this case	N/A	Y	

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Appraiser/s feedback regarding performance during the examination:

Excellent Scanning technique. Good image optimisation.

After the examination:

JB 4 JH

Criteria	Required level achieved (yes or no)			
	Study 1	Study 2	Study 3	Study 4
Did the student?				
Accurately record and identify the observations made during the examination, including accurate measurements. **	Y	Y	Y	
Discuss the appearances of the stored images with reference to image quality, anatomy, normal variants, and pathology?	X	Y	X	
Discuss the significance of the findings in relation to patient management and the overall clinical question.	Y	Y	X	
Compile/write an accurate report according to local protocols.	Y	Y	Y	
Make recommendations from the examination (book appropriate follow-up/referral plans for patient care according to local protocols)	Y	Y	Y	

Appraiser/s feedback regarding performance after the examination:

Good reporting and knowledge of pathology. ~~Also~~ Responsible knowledge of clinical pathways. Really clear reports. Image quality very good. Few minor QA comments which are so minor they did not impact the scan at all. ~~For~~ eg One image where Dgprb Spectra not optimised to fill 2/3rd tree height but was still measured adequately, all other images optimised very well & to a high standard.

