

King's College London
Medical Ultrasound Course

MODULE VII
VASCULAR ULTRASOUND

SUMMATIVE CLINICAL ASSESSMENT

Candidate's name: **SAMEEHA PARKER**

Clinical placement: **WK41**

Date: **10th MAY 18**

Assessor(s): **DEVIL PERONA**

Specialist area (s) **VASCULAR .**

4) Angle on FCA
? plaque w/ ECA

Did not cross the plane w/ the
pick RA \rightarrow colour of PW

Asks: asked to pick to that plane
to around 100

PRACTICAL SKILLS ASSESSMENT: CLINICAL ASPECTS

Did the student:

	Patient	1	2	3	4	AVERAGE MARK
1*	Check the patient's identity?	2	✓	✓	✓	2 /2
2	Explain the ultrasound scan procedure to the patient?	✓	✓	✓	✓	2 /2
3	Ensure that the patient was correctly prepared for the examination?	✓	✓	✓	✓	2 /2
4	Understand the implications of the request being made (e.g. Clarify the PMH)?	✓	✓	✓	✓	2 /2
5	Ensure the patient's comfort, privacy and safety prior to and during the examination?	✓	✓	✓	✓	2 /2
6	Carry out the scanning technique appropriate for the examination?	✓	✓	1	1	1.75 /2
7*	Where reasonably possible, demonstrate all the relevant anatomy and/or pathology in keeping with the departmental protocol?	1	2	2	0	1.25 /2
8	Take measurements as required?	2	2	2	0	1.5 /2
9	Record relevant images at appropriate times during the scan?	2	2	2	2	2 /2
10	Explain to the patient the significance of the observations and measurements?	2	2	2	1	1.75 /2
11*	Complete the examination within the allotted time in keeping with the departmental protocol?	2	2	0	0	1 /2
12	Come to the correct conclusion from the observations and measurements made?	2	2	2	1	1.75 /2
Total Marks						21 /24

* Mandatory points

Marks awarded at each point for each patient is averaged

COMMENTS:

1) 9:35 - ? Bipid ven

* ? Physis. to be CV.

* Thromboprophylaxis - label

* use of color in the TV

* 3 old art in pop / dist fer

2) 10:10 -

* 3 physis of the CV

: chnly of calf

Depend patient
O2 & fluids

3) 10:35 -

Brachiocephalic
on the right
b brachiocephalic

? Angle (prior to cen) for
tCA trace → Ro chnly
= cen angle ?

not clear approach

TECHNICAL ASPECTS

Did the student:

	Patient	1	2	3	4	AVERAGE MARK
1	Select the most appropriate equipment for the examination?	2	2	2	2	2 /2
2	Prepare the transducer? (Reference cross infection)	2	2	2	2	2 /2
3	Correctly adjust and manipulate the following controls to produce good quality diagnostic images?					
i	B mode e.g. focus, dynamic range + frequency?	2	2	2	2	2 /2
ii	Colour flow e.g. PRF, colour box size + frequency?	2	2	2	1	2 1.75 /2
iii	Spectral Doppler e.g. angle correction + gate size?	2	2	2	1	2 1.75 /2
4	Manipulate the controls to produce good quality diagnostic images?	2	2	2	1	1.75 /2
5	Demonstrate awareness of safety considerations (including ergonomics)?	2	2	2	2	2 /2
6	Make accurate measurements appropriate for the examination?	2	2	2	1	1.75 /2
	Total Marks					15 /16

Marks awarded at each point for each patient is averaged

COMMENTS:

MANAGERIAL ASPECTS

Did the student:

	Patient	1	2	3	4	Average Mark	
1	Correctly identify the images produced (name on monitor, etc)?	2	2	2	2	2	/2
2	Manage and communicate with accompanying staff or family?	2	2	2	2	2	/2
3	Present themselves and behave in a professional manner?	2	2	2	2	2	/2
4	Advise the patient correctly before leaving the department?	2	2	2	2	2	/2
	Total Marks					8	/8

Overall did the student:

		YES	NO
1	Ensure the ultrasound system is functioning correctly (including appropriate transducers)?	1	0
2	Ensure adequate gel, paper, towels, report forms etc?	1	0
3	Check the patient appointment list, organise porters and plan the list, etc?	1	0
4	Prepare the room and couch adequately?	1	0
5	Complete all the paperwork, collate and file images correctly?	1	0
6	Close down the equipment and room at the end of the session?	1	0
	Total Marks	12	/ 12

COMMENTS:

PROTOCOL NOT COMPLETED

CANDIDATE DECIDED TO

LEAVE DURING

DISCUSSION

SUMMATIVE ASSESSMENT DISCUSSION WITH ASSESSOR in the workplace

This will take place at the end of the session, and will last between 20-30 minutes. The following headings may be used to develop the discussion. Suggested mark allocations are indicated for each section.

Student evaluation of the overall management of the session

Mark given /2

- problems in the session - how these were addressed.
- reasons for a particular course of action: taking into account both department protocols and the clinical management of the patients.
- would the student wish to change any of his or her management decisions given the same scenario to replay

Clinical aspects

Mark given /3

- understanding of the patients' medical conditions and previous tests/examinations already completed.
- aim and objectives of the ultrasound examination in view of the patient clinical history.
- use of scan techniques
- care of patients; to include preparation, explanation/communication and general well-being throughout the procedure.
- evaluation of alternative imaging techniques

Technical aspects

Mark given /3

- evaluation of equipment used.
- alternative or preferred choice of equipment.
- discuss transducer design, frequency etc.
- discuss choice of equipment settings
- discuss any measurements taken
- evaluate use of hardcopy

Managerial aspects

Mark given /2

i) Medico-Legal

- identification of patients
- identification of hardcopy
- procedures for examination requests and reporting
- retention and filing of records

ii) Organisational skills

- planning the session
- organising ward and out-patient requests
- protocols, dealing with emergencies
- housekeeping e.g. infection control, supplies etc.

TOTAL MARK OUT OF 10 11/10

Assessor's Signature: _____

Date: _____

10-5-17

*SANCHEZ DO NOT STILL DO NOT

WANT TO DISCUSS THE

ATTENDANCE 32

SUMMATIVE ASSESSMENT DISCUSSION WITH ACADEMIC ASSESSOR

This will take place by appointment with one of the course team. The following headings may be used to develop the discussion. Suggested mark allocations are indicated for each section.

Clinical aspects

Mark given ____/10

Technical aspects

Mark given ____/10

Managerial aspects

Mark given ____/10

TOTAL MARK OUT OF 30 _____

Assessor's signature:

Date:

4) → clear & thorough assessment of the plaque within the LICA,
Should have core from a different angle, adjusted PRE/scale etc.
↳ needs to be exposed to see pathology etc.

→ clear? wasn't see of the left ICA/ECA

→ you got the right conclusion which
a complete assessment of the
carotid vasculature.