

THE SOCIETY FOR
VASCULAR TECHNOLOGY OF
GREAT BRITAIN AND IRELAND

Practical Exam Scoring Sheet

Candidate Details

Full name Ben Warner - Michel

SVT Membership number 1155

Location of Practical Exam (department / hospital / town / city) Vascular Studies
Unit, John Radcliffe Hospital, Oxford.

Assessor Details

~~Internal~~ or External assessor (delete as appropriate)

Full name NATASHA STREVEN

SVT Membership number 1012

Assessors department / hospital / town / city VASCULAR IMAGING, 4NORTH,
CHARING CROSS HOSPITAL, IMPERIAL COLLEGE HEALTHCARE NHS
TRUST, FULHAM PALACE ROAD, LONDON. W6 8RF

Last 25 scan reports for each modality reviewed? YES

Date of Exam 26/07/24

Skills Section A

		Carotid Duplex	Lower Limb Arterial duplex	Lower Limb Venous duplex
Skill 1	Does the patient fulfil the outlined criteria?	Yes or <u>No</u>	<u>Yes</u> or No	<u>Yes</u> or No
Skill 2	Does the candidate correctly identify the patient?	<u>Yes</u> or No	<u>Yes</u> or No	<u>Yes</u> or No
Skill 3	Does the candidate clearly obtain informed consent and give clear instructions?	<u>Yes</u> or No	<u>Yes</u> or No	<u>Yes</u> or No
Skill 4	Is the candidate competent in the use of B-Mode?	<u>Yes</u> or No	<u>Yes</u> or No	<u>Yes</u> or No
Skill 5	Is the candidate competent in the use of colour flow imaging?	<u>Yes</u> or No	<u>Yes</u> or No	<u>Yes</u> or No
Skill 6	Is the candidate competent in the use of spectral Doppler?	<u>Yes</u> or No	<u>Yes</u> or No	<u>Yes</u> or No
Skill 7	Does the candidate make pertinent changes to patient positioning?	<u>Yes</u> or No	<u>Yes</u> or No	<u>Yes</u> or No
Skill 8	Does the candidate recognise any minor limitations or technical difficulties of the examination?	<u>Yes</u> or No	<u>Yes</u> or No	<u>Yes</u> or No

Section A notes:

- calcium + low flow limits in arterial, colour - could drop scale sooner but recognised this limit is aliasing/noise (candidate comment)
- Venous - adjusted positioning, used colour + spectral to see reflux
no limits seen but described well
- Carotid - known disease (no vasc. duplex) but asymptomatic
∴ for diagnostic referral
- bilateral disease
- good use of power doppler to assess filling

If the candidate has received less than 2 'No' answers in Skills Section A over the 3 modalities then the candidate has passed this section.

If the candidate has received 2 or more 'No' answers in Skills Section A over the 3 modalities then the candidate has failed this section (and has therefore failed the AVS practical exam)

The candidate has Passed/Failed* section A

*Please highlight appropriately

Skills Section B

		Carotid Duplex	Lower Limb Arterial duplex	Lower Limb Venous duplex
Skill 1	Can the candidate correctly identify and discuss anatomy?	Yes or No	Yes or No	Yes or No
Skill 2	Can the candidate identify and discuss any pathology/absence of pathology?	Yes or No	Yes or No	Yes or No
Skill 3	Can the candidate arrive at the correct conclusion from their observations?	Yes or No	Yes or No	Yes or No
Skill 4	Can the candidate clearly and accurately report findings and conclusions?	Yes or No	Yes or No	Yes or No
Skill 5	Can the candidate recognise and report any <u>serious</u> limitations of the examination?	Yes or No	Yes or No	Yes or No

Section B notes:

- Atrial scan - correct identification of proximal disease
 - report describes the disease
 - low flow limitation
- Venous - identified reflux + cause
- Carotid - calcification limitations, possible contralateral velocity increase?, ectopic beats, heavy breathing
 - pulse's as bilateral disease

If the candidate has received 0 'No' answers in Skills Section B over the 3 modalities then the candidate has **passed** this section.

If the candidate has received 1 or more 'No' answers in Skills Section B over the 3 modalities then the candidate has **failed** this section (and has therefore failed the AVS practical exam)

The candidate has Passed/Failed* section B

*Please highlight appropriately

Skills Section C

		Carotid Duplex	Lower Limb Arterial duplex	Lower Limb Venous duplex
Skill 1	Does the candidate take a relevant clinical history?	0 1 (2)	0 1 (2)	0 1 (2)
Skill 2	Does the candidate present a professional and considerate manner toward patients?	0 1 (2)	0 1 (2)	0 1 (2)
Skill 3	Has the candidate selected an appropriate transducer and preset?	0 1 (2)	0 1 (2)	0 1 (2)
Skill 4	Is the technique appropriate to the examination?	0 1 (2)	0 1 (2)	0 1 (2)
Skill 5	Does the candidate inform the patient of the result or advise them who will do so?	0 1 (2)	0 1 (2)	0 1 (2)
Skill 6	Does the candidate recognise the significance of their observations in terms of patient management?	0 1 (2)	0 1 (2)	0 1 (2)
Skill 7	Does the candidate note any relevant incidental observations?	0 1 (2)	0 1 (2)	0 1 (2)
Skill 8	Does the report include documentation of relevant measurements, waveforms analysis, plaque characteristics, etc.?	0 1 (2)	0 1 (2)	0 1 (2)
	Subtotal score (max score of 16 per modality)	16	16	16

Candidates Total score for Section C (max 48) 48

Section C notes:

- Arterial - AAA identified
- Venous - no incidental findings
"consultants will discuss options"
- Carotid - asymptomatic but pre-op heart surgery elsewhere identified disease
- not for urgent referral, described pathway if symptomatic

If the candidate has scored 36 or more in Skills Section C over the 3 modalities then the candidate has passed this section.

If the candidate has scored 35 or less in Skills Section C over the 3 modalities then the candidate has failed this section (and has therefore failed the AVS practical exam).

The candidate has Passed/Failed* section C

*Please highlight appropriately

Skills Section D

		Score
Skill 1	Can the candidate describe 5 machine controls and explain how to use them? (1 point per control)	0 1 2 3 4 <u>5</u>
Skill 2	Can the candidate discuss 5 actions they could take to minimise the risk of cross-infection in the vascular lab? (1 point per correct answer)	0 1 2 <u>3</u> 4 5
Skill 3	Can the candidate discuss the advantages of ultrasound compared to other imaging modalities?	0 <u>1</u> 2
Skill 4	Can the candidate discuss alternative imaging modalities for the scans they have just performed?	0 1 <u>2</u>
Skill 5	Can the candidate discuss work related injuries associated with ultrasound and how to reduce the risk of them?	0 <u>1</u> 2
Skill 6	Can the candidate discuss what the physical risks or hazards for patients undergoing vascular ultrasound examinations including bio-effects?	0 1 <u>2</u>
Skill 7	Can the candidate describe lifestyle changes that might benefit a patient with significant vascular disease?	0 1 <u>2</u>
Skill 8	Can the candidate describe how they would set up a scanning modality which their department does not currently practice?	0 1 <u>2</u>

Section D notes:

- Could mention more on cross-infection + U/S advantages + work-related injury mitigation
- Very well versed in U/S + it's vascular uses

Candidates Total score for Section D (max 22) 18

If the candidate has scored a minimum of 15 or more in Skills Section D, with a minimum of 3 points in both skill 1 and skill 2, then the candidate has **passed** this section.

If the candidate has scored 14 or less in Skills Section D or scores less than 3 in either skills 1 or 2 then the candidate has **failed** this section (and has therefore **failed the AVS practical exam**)

The candidate has Passed/Failed* section D

*Please highlight appropriately

Summary

Skills Section A:

Passed / Failed*

Skills Section B:

Passed / Failed*

Skills Section C:

Passed / Failed*

Skills Section D:

Passed / Failed*

*Please highlight appropriately

Additional notes on ANY section of the practical exam:

Excellent demonstration of skills + technique
- knowledgeable + proficient at scanning
vascular disease

Please Tick One box

The candidate has passed all 4 sections of the AVS practical exam and has therefore PASSED the AVS practical exam.



The candidate has failed one or more sections of the AVS practical exam and has therefore FAILED the AVS practical exam.

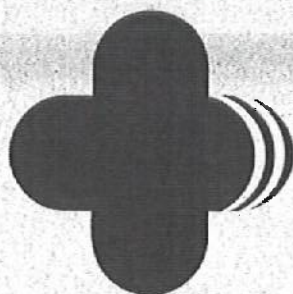


Assessors Signature.....

M. Herve

Date.....

26/07/24



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GREAT BRITAIN AND IRELAND

Practical Exam Scoring Sheet

Candidate Details

Full name..... Ben Warner-Michel

SVT Membership number..... 1155

Location of Practical Exam (department / hospital / town / city)..... Vascular Studies Unit
John Radcliffe Hospital, Oxford

Assessor Details

Internal or ~~External~~ assessor (delete as appropriate)

Full name..... Klaus Bond

SVT Membership number..... 24

Assessors department / hospital / town / city..... Vsu, John Radcliffe Hospital

Last 25 scan reports for each modality reviewed?..... No

Date of Exam..... 26/7/24

Skills Section A

		Carotid Duplex	Lower Limb Arterial duplex	Lower Limb Venous duplex
Skill 1	Does the patient fulfil the outlined criteria?	Yes or No	Yes or No	Yes or No
Skill 2	Does the candidate correctly identify the patient?	Yes or No	Yes or No	Yes or No
Skill 3	Does the candidate clearly obtain informed consent and give clear instructions?	Yes or No	Yes or No	Yes or No
Skill 4	Is the candidate competent in the use of B-Mode?	Yes or No	Yes or No	Yes or No
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Skill 6	Is the candidate competent in the use of spectral Doppler?	Yes or No	Yes or No	Yes or No
Skill 7	Does the candidate make pertinent changes to patient positioning?	Yes or No	Yes or No	Yes or No
Skill 8	Does the candidate recognise any minor limitations or technical difficulties of the examination?	Yes or No	Yes or No	Yes or No

Section A notes:

If the candidate has received **less than 2 'No'** answers in Skills Section A over the 3 modalities then the candidate has **passed** this section.

If the candidate has received **2 or more 'No'** answers in Skills Section A over the 3 modalities then the candidate has **failed** this section (and has therefore failed the AVS practical exam)

The candidate has Passed/~~Failed~~* section A

*Please highlight appropriately

Skills Section B

		Carotid Duplex	Lower Limb Arterial duplex	Lower Limb Venous duplex
Skill 1	Can the candidate correctly identify and discuss anatomy?	Yes or No	Yes or No	Yes or No
Skill 2	Can the candidate identify and discuss any pathology/absence of pathology?	Yes or No	Yes or No	Yes or No
Skill 3	Can the candidate arrive at the correct conclusion from their observations?	Yes or No	Yes or No	Yes or No
Skill 4	Can the candidate clearly and accurately report findings and conclusions?	Yes or No	Yes or No	Yes or No
Skill 5	Can the candidate recognise and report any <u>serious</u> limitations of the examination?	Yes or No	Yes or No	Yes or No

Section B notes:

If the candidate has received 0 'No' answers in Skills Section B over the 3 modalities then the candidate has passed this section.

If the candidate has received 1 or more 'No' answers in Skills Section B over the 3 modalities then the candidate has failed this section (and has therefore failed the AVS practical exam)

The candidate has Passed/~~Failed~~* section B

*Please highlight appropriately

Skills Section C

		Carotid Duplex	Lower Limb Arterial duplex	Lower Limb Venous duplex
Skill 1	Does the candidate take a relevant clinical history?	0 1 (2)	0 1 (2)	0 1 (2)
Skill 2	Does the candidate present a professional and considerate manner toward patients?	0 1 (2)	0 1 (2)	0 1 (2)
Skill 3	Has the candidate selected an appropriate transducer and preset?	0 1 (2)	0 1 (2)	0 1 (2)
Skill 4	Is the technique appropriate to the examination?	0 1 (2)	0 1 (2)	0 1 (2)
Skill 5	Does the candidate inform the patient of the result or advise them who will do so?	0 1 (2)	0 1 (2)	0 1 (2)
Skill 6	Does the candidate recognise the significance of their observations in terms of patient management?	0 1 (2)	0 1 (2)	0 1 (2)
Skill 7	Does the candidate note any relevant incidental observations?	0 1 (2)	0 1 (2)	0 1 (2)
Skill 8	Does the report include documentation of relevant measurements, waveforms analysis, plaque characteristics, etc.?	0 1 (2)	0 1 (2)	0 1 (2)
	Subtotal score (max score of 16 per modality)	16	16	16

Candidates Total score for Section C (max 48) 48

Section C notes:

If the candidate has scored **36 or more** in Skills Section C over the 3 modalities then the candidate has **passed** this section.

If the candidate has scored **35 or less** in Skills Section C over the 3 modalities then the candidate has **failed** this section (and has therefore **failed the AVS practical exam**).

The candidate has Passed/~~Failed~~* section C

*Please highlight appropriately

Skills Section D

		Score
Skill 1	Can the candidate describe 5 machine controls and explain how to use them? (1 point per control)	0 1 2 3 4 5
Skill 2	Can the candidate discuss 5 actions they could take to minimise the risk of cross-infection in the vascular lab? (1 point per correct answer)	0 1 2 3 4 5
Skill 3	Can the candidate discuss the advantages of ultrasound compared to other imaging modalities?	0 1 2
Skill 4	Can the candidate discuss alternative imaging modalities for the scans they have just performed?	0 1 2
Skill 5	Can the candidate discuss work related injuries associated with ultrasound and how to reduce the risk of them?	0 1 2
Skill 6	Can the candidate discuss what the physical risks or hazards for patients undergoing vascular ultrasound examinations including bio-effects?	0 1 2
Skill 7	Can the candidate describe lifestyle changes that might benefit a patient with significant vascular disease?	0 1 2
Skill 8	Can the candidate describe how they would set up a scanning modality which their department does not currently practice?	0 1 2

Section D notes:

Candidates Total score for Section D (max 22) 22

If the candidate has scored a minimum of **15 or more** in Skills Section D, with a minimum of **3** points in both skill 1 and skill 2, then the candidate has **passed** this section.

If the candidate has scored **14 or less** in Skills Section D or scores less than 3 in either skills 1 or 2 then the candidate has **failed** this section (and has therefore **failed the AVS practical exam**)

The candidate has Passed/~~Failed~~* section D

*Please highlight appropriately

Summary

Skills Section A: Passed / ~~Failed~~*

Skills Section B: Passed / ~~Failed~~*

Skills Section C: Passed / ~~Failed~~*

Skills Section D: Passed / Failed*

*Please highlight appropriately

Additional notes on ANY section of the practical exam:

Ben did really well!!

Please Tick One box

The candidate has passed all 4 sections of the AVS practical exam and has therefore **PASSED** the AVS practical exam.

☒

The candidate has failed one or more sections of the AVS practical exam and has therefore **FAILED** the AVS practical exam.

☐

Assessors Signature.....*[Signature]*.....Date.....*26/7/24*.....

