



#### Vascular Access Ultrasound Logbook

Name:		

#### Contents

Vascular Access Accreditation Requirements

5 Successful Supervised Central Venous Catheter Insertions

3 Successful Supervised Peripheral Venous Catheter Insertions

2 Formative Assessments (for CCPU only)

1 Summative Assessment (for CCPU only)



Candid	date:			
Assess	sor:			
Date:				
Prepa	ration			
	Patient	Consent	Y / N / N/A why N/A	
		Position	Optimal / Suboptimal	
		Site	Internal Jugular / Femoral / Subclavian R / L	/ Basilio
	Environment		Appropriate / Inappropriate	
			ED / ICU / OT	
	Equipment	Preparation	Adequate / Inadequate	
		Catheter Type	CVC / Vascath / PICC	
		Probe and preset	Correct / Incorrect	
Proce	dure			
	Asepsis	Hands scrubbed	Y / N	
		Gloves/gown/hat/mask	Y / N	
		Skin prep	Y / N	
	Image acquisition	Optimisation	Y / N	
		Vessel identified	Y / N	
		Relevant artefacts	Y / N / N/A	
	Performs procedure c	ompetently	Y / N	
			Number of passes	
Post P	Procedure Care			
	Securement		Sutures Y / N Dressings	Y / N
	Position confirmation		CXR check Y / N / N/A	
	Documentation		Adequate / Inadequate	
	Complications		Y / N	
			Haematoma / Pneumothorax / Arterial	puncture
			Other:	
			Appropriate action taken:	Y / N
	Machine Care		Appropriate / Inappropriate	
	Comments / Learning	/ Actions		
	Candidate Signature:		Assessor Signature:	



#### Emergency Care Institute NEW SOUTH WALES

### ULTRASOUND GUIDED CENTRAL VENOUS CATHETER INSERTION

Jandio	zate:		
Asses	sor:		
Date:			
Prepa	ration		
	Patient	Consent	Y / N / N/A why N/A
		Position	Optimal / Suboptimal
		Site	Internal Jugular / Femoral / Subclavian / Basili R / L
	Environment		Appropriate / Inappropriate
			ED / ICU / OT
	Equipment	Preparation	Adequate / Inadequate
		Catheter Type	CVC / Vascath / PICC
		Probe and preset	Correct / Incorrect
Proce	dure		
	Asepsis	Hands scrubbed	Y / N
		Gloves/gown/hat/mask	Y / N
		Skin prep	Y / N
	Image acquisition	Optimisation	Y / N
		Vessel identified	Y / N
		Relevant artefacts	Y / N / N/A
	Performs procedure	competently	Y / N
			Number of passes
Post F	Procedure Care		
	Securement		Sutures Y / N Dressings Y / N
	Position confirmation	1	CXR check Y / N / N/A
	Documentation		Adequate / Inadequate
	Complications		Y / N
			Haematoma / Pneumothorax / Arterial puncture
			Other:
			Appropriate action taken: Y / N
	Machine Care		Appropriate / Inappropriate
	Comments / Learning	/ Actions	
	Candidate Signature:_		_ Assessor Signature:



Candid	date:					
Asses	sor:					
Date:						
Prepa	ration					
	Patient	Consent	Y / N /	N/A	why N/A	
		Position	Optimal	/ Sub	optimal	
		Site	Internal J	lugulaı	r / Femoral / Subclav	vian / Basilic
			R/L			
	Environment		Appropria	ate / I	nappropriate	
			ED / ICU	J / O	Т	
	Equipment	Preparation	Adequate	e / Ina	adequate	
		Catheter Type	CVC / V	'ascatl	h / PICC	
		Probe and preset	Correct /	<sup>'</sup> Inco	rrect	
Proce	dure					
	Asepsis	Hands scrubbed	Υ	/ / N		
		Gloves/gown/hat/mask	Υ	/ / N		
		Skin prep	Υ	/ / N		
	Image acquisition	Optimisation	Υ	/ / N		
		Vessel identified	Υ	/ / N		
		Relevant artefacts	Υ	/ / N	/ N/A	
	Performs procedure c	ompetently	Υ	/ / N		
			N	Numbe	er of passes	
Post F	Procedure Care					
	Securement		Sutures		Y / N Dressings	Y / N
	Position confirmation		CXR che	ck	Y / N / N/A	
	Documentation		Adequate	e / Ina	adequate	
	Complications		Y / N			
			Haemato	ma /	Pneumothorax / Arter	rial puncture
			Other: _			
			Appropria	ate act	ion taken:	Y / N
	Machine Care		Appropria	ate / I	Inappropriate	
	Comments / Learning	/ Actions				
	Candidate Signature:		_ Assesso	r Sign	ature:	



Candid	date:					
Asses	sor:					
Date:						
Prepa	ration					
	Patient	Consent	Y / N / N	N/A	why N/A	
		Position	Optimal /	Subo	optimal	
		Site	Internal Ju	ıgular	/ Femoral / Subcla	avian / Basilic
			R/L			
	Environment		Appropriat	te / I	nappropriate	
			ED / ICU	/ O	Γ	
	Equipment	Preparation	Adequate	/ Ina	adequate	
		Catheter Type	CVC / Vascath / PICC			
		Probe and preset	Correct /	Incor	rect	
Proce	dure					
	Asepsis	Hands scrubbed	Υ	/ N		
		Gloves/gown/hat/mask	Υ	/ N		
		Skin prep	Υ	/ N		
	Image acquisition	Optimisation	Υ	/ N		
		Vessel identified	Υ	/ N		
		Relevant artefacts	Υ	/ N	/ N/A	
	Performs procedure of	competently	Υ	/ N		
			Number of passes			
Post F	Procedure Care					
	Securement		Sutures		Y / N Dressings	Y / N
	Position confirmation	1	CXR chec	k	Y / N / N/A	
	Documentation		Adequate	/ Ina	ndequate	
	Complications		Y / N			
			Haematon	na /	Pneumothorax / Arte	erial puncture
			Other:			
			Appropriat	te acti	ion taken:	Y / N
	Machine Care		Appropriat	te / I	nappropriate	
	Comments / Learning	/ Actions				
	Candidate Signature:		Assessor	Signa	ature:	



Candid	date:					
Asses	sor:					
Date:						
Prepa	ration					
	Patient	Consent	Y / N /	N/A	why N/A	
		Position	Optimal	/ Sub	optimal	
		Site	Internal C	Jugula	r / Femoral / Subclavi	ian / Basili
	Environment		Appropri	ate /	Inappropriate	
			ED / IC			
	Equipment	Preparation	Adequate	e / In:	adequate	
		Catheter Type	CVC / \	/ascat	h / PICC	
		Probe and preset	Correct	/ Inco	rrect	
Proce	dure					
	Asepsis	Hands scrubbed	`	Y / N		
		Gloves/gown/hat/mask	`	Y / N		
		Skin prep	`	Y / N		
	Image acquisition	Optimisation	`	Y / N		
		Vessel identified	`	Y / N		
		Relevant artefacts	`	Y / N	/ N/A	
	Performs procedure c	ompetently	`	Y / N		
			1	Numbe	er of passes	
Post F	Procedure Care					
	Securement		Sutures		Y / N Dressings	Y / N
	Position confirmation		CXR che	eck	Y / N / N/A	
	Documentation		Adequate	e / In	adequate	
	Complications		Y / N			
					Pneumothorax / Arter	•
			Appropri	ate ac	tion taken:	Y / N
	Machine Care		Appropri	ate /	Inappropriate	
	Comments / Learning	/ Actions				
	Candidate Signature:		Assesso	or Sian	ature:	



Candi	date:			
Asses	ssor:			
Date:				
Prepa	nration			
	Patient	Consent	Y / N / N/A why N/A	
		Position	Optimal / Suboptimal	
		Site	R / L	
	Environment		Appropriate / Inappropriate ED / ICU / OT / Ward	
	Equipment	Preparation	Adequate / Inadequate	
		Probe and preset	Correct / Incorrect	
Proce	edure			
	Appropriate asepsis		Y / N	
	Image acquisition	Optimisation	Y / N	
		Vessel identified	Y / N	
		Relevant artefacts	Y / N / N/A	
	Performs procedure	competently	Y / N	
Post l	Procedure Care			
	Securement		Dressings Y / N	
	Documentation		Adequate / Inadequate	
	Complications		Y / N	
			Describe:	
			Appropriate action taken:	Y / N
	Machine Care		Appropriate / Inappropriate	
	Comments / Learning / Actions			
	Candidate Signature:		Assessor Signature:	



Candi	date:			
Asses	ssor:			
Date:				
Prepa	ıration			
	Patient	Consent	Y / N / N/A why N/A	
		Position	Optimal / Suboptimal	
		Site	R / L	
	Environment		Appropriate / Inappropriate ED / ICU / OT / Ward	
	Equipment	Preparation	Adequate / Inadequate	
		Probe and preset	Correct / Incorrect	
Proce	edure			
	Appropriate asepsis		Y / N	
	Image acquisition	Optimisation	Y / N	
		Vessel identified	Y / N	
		Relevant artefacts	Y / N / N/A	
	Performs procedure	competently	Y / N	
Post l	Procedure Care			
	Securement		Dressings Y / N	
	Documentation		Adequate / Inadequate	
	Complications		Y / N	
			Describe:	
			Appropriate action taken:	Y / N
	Machine Care		Appropriate / Inappropriate	
	Comments / Learning / Actions			
	Candidate Signature:		Assessor Signature:	



Candi	date:			
Asses	ssor:			
Date:				
Prepa	nration			
	Patient	Consent	Y / N / N/A why N/A	
		Position	Optimal / Suboptimal	
		Site	R / L	
	Environment		Appropriate / Inappropriate ED / ICU / OT / Ward	
	Equipment	Preparation	Adequate / Inadequate	
		Probe and preset	Correct / Incorrect	
Proce	edure			
	Appropriate asepsis		Y / N	
	Image acquisition	Optimisation	Y / N	
		Vessel identified	Y / N	
		Relevant artefacts	Y / N / N/A	
	Performs procedure	competently	Y / N	
Post l	Procedure Care			
	Securement		Dressings Y / N	
	Documentation		Adequate / Inadequate	
	Complications		Y / N	
			Describe:	
			Appropriate action taken:	Y / N
	Machine Care		Appropriate / Inappropriate	
	Comments / Learning / Actions			
	Candidate Signature:		Assessor Signature:	



### COMPETENCE ASSESSMENT FORM VASCULAR ACCESS ULTRASOUND

Candidate:				
Assessor:				
Date:				
Assessment type:	Formative (feedback & teaching of	given during asse	ssment for educa	tion)
	Summative (prompting allowed b	ut teaching not giv	ven during assess	sment)
To pass the summa	tive assessment, the candidate mus	st pass all compor	nents listed	
		Competent	Prompted	Fail
Prepare Patient				
	Position Informed consent			
Prepare Environme	ent Prepares equipment			
Probe & Preset Sel	lection			
Trobb a Trobb oc	Can change transducer Selects appropriate transducer			
	Selects appropriate preset			
Image Acquisition	Optimisation (depth, freq, focus, gain)			
	Identifies target vessel Relevant anatomy Optimal insertion site			
Performs Procedu	re			
	Maintains asepsis Performs procedure competently			
Artefacts				
	Identifies & explains the basis of common artefacts			
Record Keeping				
. 3	Labels & stores appropriate images			



Date:\_\_\_\_\_



Completes report / notes Documents findings and insertion procedure briefly Documents any complications an appropriate actions taken Documents position check Documents line ready for use and integrates with clinical assessment	d d
Machine Maintenance Cleans / disinfects ultrasound pro Stores machine and probes safel and correctly	
For Formative Assessment Only: Feedback of particularly good areas:	
Agreed actions for development:	
Candidate Signature:	Examiner Signature:
Candidate Name:	Examiner Name:



# COMPETENCE ASSESSMENT FORM VASCULAR ACCESS ULTRASOUND

Candidate:				
Assessor:				
Date:				
Assessment type:	Formative (feedback & teaching	given during asse	ssment for educat	tion)
	Summative (prompting allowed b	ut teaching not gi	ven during assess	sment)
To pass the summa	tive assessment, the candidate mus	st pass all compor	nents listed	
		Competent	Prompted	Fail
Prepare Patient				
	Position Informed consent			
Prepare Environme	ent Prepares equipment			
Probe & Preset Sel				
	Can change transducer Selects appropriate transducer Selects appropriate preset			
Image Acquisition				
	Optimisation (depth, freq, focus, gain) Identifies target vessel Relevant anatomy Optimal insertion site			
Performs Procedu				
	Maintains asepsis Performs procedure competently			
Artefacts				
	Identifies & explains the basis of common artefacts			
Record Keeping				
	Labels & stores appropriate images  Documents any pathology identified			



Date:



] [ ] ] ]	Completes report / notes Documents findings and insertion procedure briefly Documents any complications and appropriate actions taken Documents position check Documents line ready for use and integrates with clinical assessment		
	ce Cleans / disinfects ultrasound prob Stores machine and probes safely and correctly	e	
For Formative Asses	-		
Agreed actions for de	velopment:		
Candidate Signature:_	E	xaminer Signature:	
Candidate Name:	E	xaminer Name:	



# COMPETENCE ASSESSMENT FORM VASCULAR ACCESS ULTRASOUND

Candidate:						
Assessor:						
Date:						
Assessment type:	Formative (feedback & teaching of	given during asse	ssment for educa	tion)		
	Summative (prompting allowed but teaching not given during assessment)					
To pass the summa	tive assessment, the candidate mus	st pass all compor	nents listed			
		Competent	Prompted	Fail		
Prepare Patient						
•	Position Informed consent					
	illomed consent					
Prepare Environme	ent Prepares equipment					
Probe & Preset Sel	ection					
	Can change transducer					
	Selects appropriate transducer Selects appropriate preset					
Image Acquisition						
illage Acquisition	Optimisation (depth, freq, focus,					
	gain) Identifies target vessel					
	Relevant anatomy					
	Optimal insertion site					
Performs Procedu	re					
	Maintains asepsis					
	Performs procedure competently					
Artefacts		<b>-</b>		1		
	Identifies & explains the basis of common artefacts					
Doord Kaaning						
Record Keeping	Labels & stores appropriate images					
	Documents any nathology identified					



Date:



	Completes report / notes Documents findings and insertion procedure briefly Documents any complications an appropriate actions taken Documents position check Documents line ready for use and integrates with clinical assessment	d	
Machine Mainten	ance Cleans / disinfects ultrasound pro Stores machine and probes safely and correctly		
For Formative As	ssessment Only:		
Agreed actions for	r development:		
Candidate Signatu	ıre:	Examiner Signature:	