

# [Endovascular Surgery] PBA: [Procedure]

APPROVED by Vascular Surgery Board on [11/8/2022]

<b>Trainee:</b>	<b>Assessor:</b>	<b>Date:</b>
<b>Start time:</b>	<b>End time:</b>	<b>Duration:</b>
<b>Operation more difficult than usual? Yes / No (If yes, state reason)</b>		

**Score:** N = Not observed or not appropriate U = Unsatisfactory S = Satisfactory

**Trainees should carry out the procedure, explaining what they intend to do throughout. If the trainee is in danger of harming the patient at any point s/he must be warned or stopped by the trainer immediately.**

Competencies and Definitions		Score N / U / S	Comments
<b>I.</b>	<b>Consent</b>		
C1	Demonstrates sound knowledge of indications and contraindications including alternatives to surgery		
C2	Demonstrates awareness of sequelae of operative or non operative management		
C3	Demonstrates sound knowledge of complications of surgery		
C4	Explains the perioperative process to the patient and/or relatives or carers and checks understanding		
C5	Explains likely outcome and time to recovery and checks understanding		
<b>II.</b>	<b>Pre operative planning</b>		
PL1	Demonstrates recognition of anatomical and pathological abnormalities (and relevant co-morbidities) and selects appropriate operative strategies/techniques to deal with these		
PL2	Demonstrates ability to make reasoned choice of appropriate equipment, materials or devices (if any) taking into account appropriate investigations e.g. Duplex ultrasound, CT scans		
PL3	Checks materials, equipment and device requirements with operating room staff		
PL4	Ensures the operation site is marked where applicable		
PL5	Checks patient records, personally reviews investigations		
<b>III.</b>	<b>Pre operative preparation</b>		
PR1	Checks in theatre that consent has been obtained		
PR2	Gives effective briefing to theatre team		
PR3	Ensures proper and safe positioning of the patient on the operating table		
PR4	Demonstrates careful skin preparation		
PR5	Demonstrates careful draping of the patient's operative field		
PR6	Ensures general equipment and materials are deployed safely (e.g. guidewires, sheaths, catheters, devices, contrast injector, etc)		
PR7	Ensures appropriate drugs administered		
PR8	Arranges for and deploys specialist supporting equipment (e.g. image intensifiers) effectively		
<b>IV.</b>	<b>Vascular access for endovascular surgery</b>		
E1	Demonstrates knowledge of optimum vascular access / skin incision		
E2	Achieves a smooth percutaneous vessel puncture, passage of guidewire and placement of appropriate sheath with or without ultrasound guidance, demonstrates decision to open cutdown for exposure if deems necessary.		
E3	Completes a sound vascular access haemostatic procedure where appropriate		
E4	Protects the wound with dressings, and drains placement where appropriate		

Competencies and Definitions		Score N / U / S	Comments
<b>V.</b>	<b>Intra operative Technique</b>		
IT1	Follows an agreed, logical sequence or protocol for the procedure		
IT2	Consistently handles guidewires, catheters and sheaths well		
IT3	Controls bleeding promptly by an appropriate method		
IT4	Demonstrates a sound technique and appropriate choices of guidewires, catheters and sheaths in vessel cannulation / crossing stenosis		
IT5	Practice radiation protection and safety measures		
IT6	Proceeds at appropriate pace with economy of movement		
IT7	Anticipates and responds appropriately to variation e.g. vascular anomaly / normal variant		
IT8	Deals calmly and effectively with unexpected events/complications		
IT9	Uses assistant(s) to the best advantage at all times		
IT10	Communicates clearly and consistently with the scrub team		
IT11	Communicates clearly and consistently with the anaesthetist		
<b>VI.</b>	<b>Post operative management</b>		
PM1	Ensures the patient is transferred safely from the operating table to bed		
PM2	Constructs a clear operation note		
PM3	Records clear and appropriate post operative instructions		
PM4	Deals with specimens. Labels and orientates specimens appropriately		

## Global summary

Level at which completed elements of the PBA were performed		Tick as appropriate	Comments
Level 0	Insufficient evidence observed to support a judgement		
Level 1	Unable to perform the procedure under supervision		
Level 2	Able to perform the procedure under supervision		
Level 3	Able to perform the procedure with minimum supervision (would need occasional help)		
Level 4	Competent to perform the procedure unsupervised (could deal with complications)		

## Signatures:

Trainee:	Assessor(s):
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