

Independent Assessment Form: Percutaneous Nephrolithotomy

Trainee:	Assessor:	Surgery:
Hospital:	Duration:	Blood Loss:
Operation more difficult than usual? Yes / No (If yes, state reason)		

Competencies		Rating N / F / P / E	Comments
I.	Pre operative planning		
1	Recognition of anatomical and pathological abnormalities (and relevant co-morbidities) and selects appropriate operative strategies / techniques to deal with		
2	Demonstrates ability to make reasoned choice of appropriate equipment, materials or devices (if any)		
3	Checks materials, equipment and device requirements with operating room staff		
4	Ensures the operation site is marked		
5	Checks patient records, personally reviews investigations		
II.	Pre operative preparation		
1	Checks in theatre that consent has been obtained		
2	Gives effective briefing to theatre team		
3	Ensures proper and safe positioning of the patient on the operating table		
4	Demonstrates careful skin preparation and draping of the patient's operative field		
5	Ensures general equipment and materials are deployed safely (e.g. catheter, operative energy source)		
6	Ensures appropriate drugs administered		
7	Arranges for and deploys specialist equipment (e.g. Irrigation system/ monitors/ Laser/ lithoclast, image intensifier) effectively		
III.	Intra operative technique		
1	Demonstrates knowledge of optimal positioning for percutaneous renal access		
2	Follows an agreed, logical sequence or protocol for the procedure		
3	Controls bleeding promptly by an appropriate method		
4	Uses instruments appropriately and safely with minimal tissue damage		
5	Proceeds at appropriate pace with economy of movement		
6	Anticipates and responds appropriately to variation e.g. anatomy		
7	Deals calmly and effectively with unexpected events/complications		
8	Performs cystoscopy and passes appropriate guidewire and ureteric catheter, performs retrograde pyelogram		
9	Inserts a urethral catheter and secures the ureteric catheter safely		
10	Performs safe re-positioning of the patient (with particular attention to pressure areas)		
11	Performs a safe and satisfactory renal access puncture		

Competencies		Rating N / F / P / E	Comments
12	Performs a safe renal tract dilatation		
13	Performs a safe and thorough nephroscopy. Performs stone fragmentation and removal by appropriate method (usage of laser, lithoclast, basket)		
13	Awareness of safety precaution in using laser		
14	Demonstrates safe use of the image intensifier throughout the procedure		
15	Inserts a drainage tube, an antegrade stent or ureteric catheter where appropriate		
16	Uses assistant(s) to the best advantage at all times		
17	Communicates clearly and consistently with the scrub team		
18	Communicates clearly and consistently with the anaesthetist		
19	Asks for mentor for help and/or converts to open where appropriate		
IV.	Post operative management		
1	Ensures the patient is transferred safely from the operating table to bed		
2	Constructs a clear operation note		
3	Records clear and appropriate post operative instructions		
4	Checks patient's postoperative status (e.g. percutaneous nephrotomy urine amount and color)		

Rating:

N = Not appropriate

F = Fail

P = Pass

E = Excellent

Overall Rating

	Tick as appropriate	Comments
Fail		
Pass		
Excellent		

Signatures:

Trainee:	Assessor:
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N.B.

***Assessors are normally consultants/ professor.**

***The trainee should explain what he/she intends to do throughout the procedure. The Assessor should provide verbal advice if required, and intervene if patient safety is at risk.**