

Plastic Surgery Procedure-based Assessment Form:

Laser Surgery - application and safety

Trainee:	Year in HST training:	Assessor:
Hospital:	Duration of operative procedure assessed :	hrs mins
Operative procedure(s):		

Score: **G = Good (2)** **S = Satisfactory (1)** **F = Fail (0)** **N = Not applicable (-)**

Trainee should give commentary and explain what he/she intends to do throughout the procedure. If the trainee is in danger of harming the patient at any point, the assessor should warn or stop the trainee immediately.

Competencies and Definitions		Score G/S/F/N				Comments
I. Consent						
C1	Demonstrate principle knowledge of indications and choice of skin lasers	2	1	0	N	
C2	Demonstrate goals or sequelae of laser management of the selected diagnosis with sound knowledge of the mechanism of action	2	1	0	N	
C3	Demonstrate sound knowledge of complications of laser surgery and preventive measures	2	1	0	N	
C4	Able to explain to patient and/or carers the laser process and check understanding	2	1	0	N	
C5	Able to explain likely outcomes, limitations, recovery and check expectation and understanding	2	1	0	N	
II. Pre-operative preparation						
PR1	Ensure relevant patient records, investigations and imaging are available and reviewed appropriately	2	1	0	N	
PR2	Check that consent, operative site marking, anaesthesia, positioning, safety measures and safety checking are in order	2	1	0	N	
PR3	Demonstrate ability to ensure laser safety measures e.g. appropriate protective eyeglasses, eye-shields, signage, fumes suction are in place and communicated with operation room staff effectively	2	1	0	N	
PR4	Demonstrate effective skin preparation and draping of operative field with adequate exposure and protection as appropriate	2	1	0	N	
PR5	Demonstrate competence and confidence in the pre-operative preparation and respond appropriately to unexpected events	2	1	0	N	
III. Intra-operative technique						
IT1	Demonstrate principle knowledge of the laser machine and its setting	2	1	0	N	
IT2	Demonstrate good choice of the laser setting based on the indication, skin type of patient, severity and extent of the diagnosis and other identifiable risk factors	2	1	0	N	
IT3	Demonstrate good handling of laser probe with appropriate tissue contact and avoidance of unintended pointing and firing	2	1	0	N	

IT4	Demonstrate testing of laser effect and application of cooling agents as appropriate	2	1	0	N	
IT5	Demonstrate good handling of laser device appropriately and safely during and in between the laser application e.g. use of standby mode	2	1	0	N	
IT6	Demonstrate ability and knowledge to assess the laser effect on tissue, set the end point and adjust laser treatment appropriately	2	1	0	N	
IT7	Demonstrate ability and knowledge to recognize relevant anatomy and their variants	2	1	0	N	
IT8	Demonstrate ability to avoid and deal with complications during the procedures	2	1	0	N	
IT9	Demonstrate appropriate wound care and dressing (if necessary)	2	1	0	N	
IT10	Be able to handle effectively unexpected events and react appropriately and safely	2	1	0	N	
IV. Post-operative management						
PO1	Demonstrate sound knowledge of the recovery, skin changes and short-term & long-term outcomes after laser	2	1	0	N	
PO2	Construct a clear and appropriate operation record	2	1	0	N	
PO3	Write up a clear and appropriate post-operative instructions	2	1	0	N	
PO4	Discuss alternative treatment if laser fails to achieve expected effect	2	1	0	N	
PO5	Able to discuss expected recovery process and special precautions / complications / instructions to patient	2	1	0	N	
V. Overall assessment						
OV1	Operation more difficult than usual (If yes, state reason:	Yes / No				
OV2	Operation proceeds at appropriate pace and time? (If no, state reason:	Yes / No				
OV3	Candidates overall grading of competence Level 1: Unable to perform the procedure, or part observed, under supervision <input type="checkbox"/> Level 2: Able to perform the procedure, or part observed, under supervision <input type="checkbox"/> Level 3: Able to perform the procedure with minimal supervision <input type="checkbox"/> Level 4: Competent to perform the procedure unsupervised <input type="checkbox"/>					
OV4	Overall rating Score: G = Good S = Satisfactory U= unsatisfactory and need to repeat					
OV5	Additional comments / advice to trainee					

Signatures:

Trainee:
Date:

Assessor(s):
Date: