



## Standard Proficiency Clinical Proficiency Simulation Examination

Candidate Name \_\_\_\_\_ Date \_\_\_\_\_

Candidate Number \_\_\_\_\_ Device \_\_\_\_\_

(Prompting of standard level candidates is permitted.)

### 1. Knowledge of machine, safety (35 Points)

- \_\_\_\_\_ (10) Laser safety officer responsibilities
- \_\_\_\_\_ (8) Laser safety mechanisms
- \_\_\_\_\_ (3) Operatory environment: Proper warning signs, limited access, minimize reflective surfaces
- \_\_\_\_\_ (2) Laser operational requirements: Electrical, water, air
- \_\_\_\_\_ (2) Traffic: Components out of mainstream, especially fiber-optic cables
- \_\_\_\_\_ (2) Combustible gases/liquids cautions. General anesthesia
- \_\_\_\_\_ (5) Eye protection: Personnel, patient
- \_\_\_\_\_ (3) Adverse effects reporting mechanisms

### 2. Infection control, general set-up/set-down, power settings (35 Points)

- \_\_\_\_\_ (15) Delivery system: Type – a. Fiber optic b. Waveguide c. Articulated Arm  
d. Contact Tips e. Other  
Assembly, set-up. Emission mode – cw, pulsed, etc.  
Maintenance  
Sterilization standards and protocol
- \_\_\_\_\_ (2) High-volume evacuation present: Purpose, precautions
- \_\_\_\_\_ (5) Infection control: Masks, gloves  
Uncontaminated (sterile) zone  
Contaminated (post-treatment zone)  
Disposal of used-up supplies
- \_\_\_\_\_ (3) Test-fire laser
- \_\_\_\_\_ (10) Setting laser parameters: Settings for TWO procedures (detailed specification)  
a. LOW total energy/power  
b. HIGH total energy/power

### 3. Patient management (using as example the HIGH energy/power procedure in Part 2) (30 Points)

- \_\_\_\_\_ (6) Treatment proposal: Description, laser settings, informed consent
- \_\_\_\_\_ (2) Treatment objective demonstrated
- \_\_\_\_\_ (14) Surgical technique simulated: Tissue protection, target & nontarget
- \_\_\_\_\_ (2) Patient management: Discussion of treatment sequence, postoperative instructions
- \_\_\_\_\_ (3) Management of complications
- \_\_\_\_\_ (3) Surgical and healing assessment, pathology reports

(Part 3 is omitted for LSO candidates. Points gained in Parts 1 & 2 are factored to 100%)

Examiner Name: \_\_\_\_\_ Signature \_\_\_\_\_