Academy of Laser Dentistry
Clinical Simulation Examination Grade Sheet

Standard Proficiency Clinical Simulation Exam Checklist
Clinical Proficiency Simulation Examination

Candidate Name ________________________________ Date ____________
Device ____________________________________________

1. Knowledge of machine, safety

- Laser safety officer responsibilities
- Laser safety mechanisms
- Eye protection: Personnel, patient
- Traffic: Components out of mainstream, especially fiber optic cables
- Mainline supplies: Electrical, Water, Air
- Combustible gases/liquids cautions. General anesthesia
- Environment: Proper warning signs, limited access, minimize reflective surfaces
- Adverse effects reporting mechanisms

2. Infection control, general set-up/set-down, power settings

- 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
- High-volume evacuation present: purpose, precautions
- Infection control: Masks, gloves
  - Uncontaminated (sterile) zone
  - Contaminated (post-treatment) zone
  - Disposal of used-up supplies
- Test fire laser
- Setting laser parameters: Settings for TWO procedures (detailed specification)
  - a. LOW total energy/power
  - b. HIGH total energy/power

3/ Patient management

- Treatment proposal: description, laser settings, informed consent
- Treatment objective demonstrated
- Surgical technique simulated. Tissue protection, target & non-target.
- Patient management – discussion of treatment sequence, post-operative instructions
- Management of complications
- Surgical and healing assessment, pathology reports


Pass _________ Fail _________

Examiner Name: ____________________________ Signature ____________________________

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