

Section: Division of Nursing
Approval: _____

* PROCEDURE *

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HACKETTSTOWN REGIONAL MEDICAL CENTER

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OR/MINOR PROCEDURES
(Scope)

TITLE: TEST FIRING OF LASER SONICS LUXUS 100 YAG LASER

PURPOSE: To check the calibration of the wattage of the laser machine.

- EQUIPMENT:
1. Laser Sonics Luxus 100 Yag Laser
 2. Key - Kept in laser instruction book on lap. chole. supply cart.
 3. Log Book - Kept on laser machine
 4. Test Fiber - Kept in laser machine drawer

CONTENT: PROCEDURE

KEY POINTS

- | | |
|--|---|
| 1. Implement laser safety rules. | Laser nurse need not be present for testing. |
| 2. Open drawer on front of laser machine. | |
| 3. Follow pre-procedure instructions 1 through 5 on inside of drawer. | Machine will signal "stand-by" when ready to test. |
| 4. Insert screw end of test fiber into "fiber connector" port. | |
| 5. Place machine in "operate" mode. | |
| 6. Adjusts watts to 30. | |
| 7. Press P. check button and follow directions that appear in window under "status." | Insert distal end of test fiber into power monitor port.
Press foot pedal. |
| 8. Note watts used at test firing. | Deviation from watt setting of 30 may be from 25 -> 35.
Beyond this range, remove machine from use and notify supervisor/
charge nurse. |
| 9. Return watt setting to 15. | |
| 10. Turn off machine. | Remove and return key to storage if machine will not be used immediately. |

DOCUMENTATION: 1. Document test-firing results in Log Book.

- Record:
- a. Date
 - b. Watt setting
 - c. Watts machine fires at
 - d. Initials of tester

