

Section: Division of Nursing

Index: 7420.009a/7430.044a

* PROCEDURE *

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Approval: _____

Issue Date: July 28, 1992

Review Date: March 12, 2008

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

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| <ol style="list-style-type: none"> 1. Implement laser safety rules. 2. Open drawer on front of laser machine. 3. Follow pre-procedure instructions 1 through 5 on inside of drawer. 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." 8. Note watts used at test firing. 9. Return watt setting to 15. 10. Turn off machine. | <p>Laser nurse need not be present for testing.</p> <p>Machine will signal "stand-by" when ready to test.</p> <p>Insert distal end of test fiber into power monitor port. Press foot pedal.</p> <p>Deviation from watt setting of 30 may be from 25 -> 35. Beyond this range, remove machine from use and notify supervisor/ charge nurse.</p> <p>Remove and return key to storage if machine will not be used immediately.</p> |
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DOCUMENTATION: 1. Document test-firing results in Log Book.

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