

*VALLEYCARE*  
**OLIVE VIEW-UCLA MEDICAL CENTER/HEALTH CENTERS**  
**DEPARTMENT: FACILITIES**  
**POLICY & PROCEDURE**

**NUMBER: 597**  
**VERSION: 1**

**SUBJECT/TITLE:**    **CARDIOVERTER/DEFIBRILLATOR**

**POLICY:**            Service every three (3) months.

**PURPOSE:**

**PROCEDURE:**

1.    Check physical condition of power cord and plug.
2.    Check physical condition of electrodes, defibrillator paddles and cables.
3.    Check mechanical integrity of switches, controls, connectors, meter, etc.
4.    Check interior of unit for signs of physical or electrical damage. Clean interior with vacuum if necessary.
5.    Perform operational check and measure delivered output energy at 50, 100, 200, 300, 400 and maximum watt-second setting.
6.    Perform operational check of synchronizer if used.
- 7A.   If unit contains a monitor, recorder, etc., check voltage gain calibration.
8.    Check trace on scope, if applicable.
- 9A.   Check chart recorder: stylus condition, stylus heat and pressure and recorder speed if applicable.
10.   Check electrical leakage current from each electrode, if applicable.
11.   Check electrical leakage current and grounding from instrument chassis.

**POLICY:**            Service every twelve (12) months.

**PROCEDURE:**

- 7B.   Test frequency response, amplifier balance and common mode rejection.
- 9B.   Lubricate recorder motor and gearing where required.

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12. Check batteries and replace as required.

**DEPARTMENTS:    FACILITIES**

**DEFINITIONS:**

References:	
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