HACKETTSTOWN REGIONAL MEDICAL CENTER

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NEWBORN SERVICES
(Scope)

TITLE: **NEONATAL CARDIAC-APNEA MONITOR**

PURPOSE: To outline the procedure to monitor the neonate's heart rate and/or respirations.

EQUIPMENT:
1. Monitor
2. Leads

CONTENT:

PROCEDURE STEPS:	KEY POINTS:
1. Place electrodes on infant's chest.	
2. Place electrodes into connector.	Match colors. Red area lead to red; white area lead to white; black area lead to black.
3. Turn monitor switch on.	Wait 5-10 seconds for bells and chimes and screen lights to come on.
4. Reset limits, if necessary.	Monitor has preset limits in all areas (see below).
5. Monitor baby per physician's orders.	
6. Document in Cerner under Ongoing Assessment Newborn.	
7. Properly charge for equipment and procedure.	

Displays on Monitor:

1. The monitor has preset limits in all areas.	
a. ECG lead is set on lead "2."	"2" is the major lead for monitoring. "1" and "3" do not trace as well.
b. Filter is "on."	This takes the artifact out of tracing. Should always be on.
c. HR preset limits: 80-180.	To change HR limits, press ECG button. Display appears on right side of screen. Press button beside display to increase (up arrow) or decrease (down arrow) as desired. Press ECG button to return to regular monitoring mode.
d. Respiration rate preset: 30-80 with 20-second apnea period.	To change limits, press RESP button. Display appears. Press button on side that corresponds with up arrow or down arrow to change rate. Press RESP button to return to regular monitoring mode.

e.   Short-term trends: the machine has been   Preset 2-minute trend may be gotten by
     preset for 2 minutes.   pressing fourth button down one time.
                                                        Graph shows what the status has been
                                                        for last 2 minutes. Press the button 3
                                                        times to return to normal tracing.

f.   Long-term trends: the machine is preset for   Push fourth button down twice and graph
     1 hour.   appears. Shows status of infant for last
                                                        hour. Press same button 2 more times to
                                                        return to normal tracing.

2.   Memory bank key (trend capability)   To place a picture or tracing in memory,
                                                        push the "stop" button. The picture is
                                                        now in memory. Push the "stop" button
                                                        again to restart the monitor. The next
                                                        time a tracing is added to the memory
                                                        bank, the previous tracing is lost.

REFERENCE: Hewlett-Packard 78832A Instruction and Quick Reference.