5392 new temporary pacemaker
Important controls

- **EMERGENCY**
- **On / Off**
- **Rate**
- **A Output**
- **V Output**
- **Lock/ unlock**
To turn ON / OFF

• Press and hold the On/Off key momentarily to turn it on

• To turn it off:
  – Press “Unlock”
  – Press the On/Off key once
  – Temporary pacemaker shutdown message appears on lower screen
  – Press the Enter key within 5 seconds
ORIGINAL: Cable to device connections
Emergency connections for epi pins
NEW connections

• No longer supports direct connection of epi wires

• Chamber designations are marked “A” for atrium and “V” for ventricle
NEW connections
When you turn it ON, it comes on at 80, pacing in both A & V
Once connected, test thresholds

- Refer to your established hospital policy for the frequency of threshold testing
  - Suggestion: once per shift
- Outputs adjusted per hospital policy
  - Suggestion: set output or at 2X the threshold, but at least 5 mA (whichever is larger)
Adjust Rate if needed

Lower V output slowly, looking for loss of capture – increase to regain capture; then set appropriately
Simplified setup & use

- Four-dial operation provides therapy for most pacing needs
Upper rate behavior

• Rate-dependent parameters can be adjusted between “Automatic” and “Manual”
  • When programmed to “manual”, the values noted with (*) do not automatically change with rate and must be manually adjusted
Sensing tests
Sensitivity – the larger the number on the sensitivity setting . . .

. . . the *less* sensitive the device to intracardiac events
How to get to the sensitivity tests

• Unlock
• You can see the detailed settings on the bottom screen
• Arrow down to the V sensitivity area
• Dial the number larger to raise or lower the “fence”
NEW: Battery indicator

- The red light begins flashing when the pacemaker has approximately 24 hours or less of battery life remaining.
- Battery life typically is 7 days of continuous operation at nominal values.
- If the batteries are removed, the temporary pacemaker continues to operate for 30 seconds.
- After installing the batteries, ensure that the battery status indicator displays full battery power and that the low battery indicator is not flashing.
NEW: uses two AA batteries

The temporary pacemaker operates using two LR6-sized (AA-sized) alkaline batteries

• Make sure they align with the polarity markings on the inside of the battery drawer
Battery drawer & latch
NEW: Battery replacement

- **Caution**: Medtronic does not recommend replacing the batteries while the temporary pacemaker is turned on or actively pacing the patient. However, if during an emergency situation the batteries must be replaced while the temporary pacemaker is in use, ensure that the temporary pacemaker is locked before replacing the batteries. Pacing is maintained for 30 sec, minimum, at 80 ppm, and nominal outputs.
NEW: Emergency key = DOO

- Pacing at maximum A & V outputs
  - Can be started whether it is on, off, locked, or unlocked
What if you want to check underlying?

• Press and hold “PAUSE” to suspend pacing up to 10 sec
• “Pacing is suspended” message displays when pause key is pressed
Knowledge Check:

The lock indicator appears in the status bar when the temporary pacemaker is locked. The patient needs to be paced! What key do you press?

A. Press the On/Off key
B. Press the Lock/Unlock key
C. Press the Enter key
D. Press the DOO/Emergency key