Perform pre procedure checks
(Refer to Temporary Pacemaker Assessment)

Underlying Rhythm

Sinus Rhythm

AP @ 50 bpm with intrinsic ventricular response

AVP @ 50 bpm

SR/SB with VP

Check A-V Conduction

Lengthen A-V interval to 270 msec

AP @ 50 bpm with intrinsic ventricular response

AVP @ 50 bpm

SR/SB with VP

SR/SB with intrinsic ventricular response

Test ventricular thresholds only

Do not proceed (Reset pacemaker settings)

Proceed to test atrial and/or ventricular thresholds

1. Set atrial and/or ventricular sensitivity to MOST sensitive (µV)
2. Reduce atrial and/or ventricular output to 0.1 mA
3. Set pacemaker rate 10 beats/min lower than patient’s intrinsic rate
4. Decrease atrial and/or ventricular sensitivity (µV) sequentially until the sense indicator stop flashing and the pace indicator starts flashing
5. Slowly increase the atrial and/or ventricular sensitivity (µV) until the sense indicator flashes continuously. This is the sensing threshold
6. Set the atrial and/or ventricular sensitivity (µV) at half the sensitivity threshold value

Underlying Rhythm

Sensitivity

Capture

If pacing indicator continues to flash
Failure to Sense
(refer to troubleshooting guide)

If pacing spike not followed by p wave or QRS complex
Failure to Capture
(refer to troubleshooting guide)

• Obtain paced rhythm recording
• Document pacemaker settings and thresholds
• Reset pacemaker settings, A-V interval and prescribed rate