If an S-ICD System programmer is not available, a Model 6860 magnet or Model 4520 magnet may be used to prevent arrhythmia detection and/or shock delivery by an S-ICD System pulse generator. Therapy will only be temporarily inhibited (disabled) during magnet application; a magnet cannot be used to program therapy off.

Instructions for Magnet Use

1. APPLY/POSITION THE MAGNET

For the Model 1010 SQ-RX™ S-ICD, apply a magnet flat against the skin directly over the implanted device (Figure 1).

Figure 1. Magnet placement for SQ-RX

For the Model A209 EMBLEM™ S-ICD, apply the magnet flat against the skin over the device header or over the lower edge of the device (Figure 2).

Figure 2. Magnet placement for EMBLEM
2. LISTEN FOR BEEPING TONES
If the magnet is correctly placed over the device, beeping tones (r-wave synchronous) will be heard approximately one second after the magnet is applied. Arrhythmia detection is now suspended and shock therapy is inhibited.

When using the magnet for a patient with a deep implant placement, the exact location of the pulse generator may not be evident, and other magnet positions may need to be tested near the general pulse generator location. Considering the following tips when attempting to apply the magnet:
- Beeping may be difficult to hear and a stethoscope should be used if necessary.
- Two or more magnets may be used in a stacked configuration to increase the likelihood of eliciting beeping tones and associated inhibition of therapy.
- If beeping tones cannot be detected, it may be necessary to use the programmer to suspend therapy in these patients.

**WARNING:** In patients with a deep implant placement (greater distance between the magnet and the pulse generator) magnet application may fail to elicit the magnet response. In this case the magnet cannot be used to inhibit therapy.

3. HOLD THE MAGNET IN PLACE
Therapy remains inhibited for as long as the magnet remains correctly positioned. While the magnet is held correctly in place, r-wave synchronous beeping tones will continue for 60 seconds. After 60 seconds, the beeping stops, but therapy continues to be inhibited unless the magnet has been moved.

**NOTE:** If it is necessary to reconfirm that therapy is still being inhibited after beeping has stopped, remove and replace the magnet to reactivate the beeping tones. This step can be repeated as necessary. When long duration therapy suspension is desired, it is recommended to modify pulse generator behavior with the programmer rather than the magnet.

4. REMOVE THE MAGNET
When the magnet is removed, arrhythmia detection resumes and therapy delivery is no longer inhibited.

**IMPORTANT:** If the beeping tones do not stop upon magnet removal, please call Technical Services for additional guidance.

**Additional Magnet Response Notes:**
- If the pulse generator mode is in Shelf Mode, a single beep sounds when the magnet is detected.
- A commanded Manual or Rescue Shock from a programmer will override the use of the magnet if the magnet was in place prior to the initiation of the command. However, if the magnet is applied after the initial programmer command, the Manual or Rescue Shock will be terminated.
- Magnet application will also terminate post-shock pacing therapy and prohibit arrhythmia induction testing.
- If the magnet is applied during an episode, the episode will not be stored in device memory.
- Magnet application does not affect wireless communication between the device and the programmer.
- Patients should be advised to contact their physician immediately whenever they hear beeping tones coming from their device.