

## Programming four-lead systems using Model 37082 Extensions

1. Select 2x8 for the lead configuration using the Medtronic® Model 8840 N'Vision® Clinician Programmer. Refer to the neurostimulator programming guide for detailed programming instructions.
2. Use the lead location sub tab screen to record the number and type of implanted leads.
3. Use Lead 0-7 on the programmer screen as the implanted quadripolar leads that are connected to the front socket of the neurostimulator, and use Lead 8-15 on the programmer screen as the implanted quadripolar leads that are connected to the back socket of the neurostimulator. Reference the icon on the neurostimulator for connections.
4. For Lead 0-7 on the programmer screen, which are also the implanted leads connected to the front socket (Figure 1 A, B), program electrodes 0-3 for the lead electrodes connected to the marker band leg of the extension (A) and program electrodes 4-7 for the lead electrodes connected to the non-marker band leg of the extension (B).

Refer to Figure 1 for matching the electrodes of the implanted leads with the electrodes of the lead on the programmer screen.

5. For Lead 8-15 on the programmer screen, which are also the implanted leads connected to the back socket (Figure 1 C, D), program electrodes 8-11 for the lead electrodes connected to the marker band leg of the extension (C) and program electrodes 12-15 for the lead electrodes connected to the non-marker band leg of the extension (D).

Refer to Figure 1 for matching the electrodes of the implanted leads with the electrodes of the lead on the programmer screen.

6. Use a Model 3550-31 snap-lid connector cable to screen the leads as necessary. When screening, use one Model 37082 extension connected to the 8-15 electrode lead groove and two quadripolar percutaneous extensions connected to the 0-3 and the 4-7 electrode lead grooves. The quadripolar percutaneous extensions are included in the lead kits.

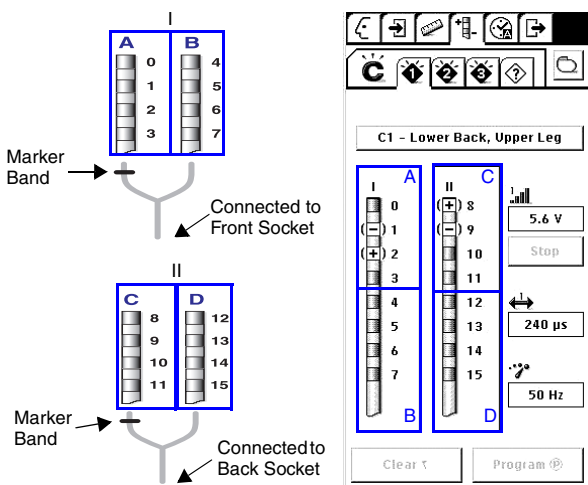


Figure 1.

## Programming three-lead systems (4-8-4) using the Model 37082 Extension

1. Select 2x8 for the lead configuration using the Medtronic® Model 8840 N'Vision® Clinician Programmer. Refer to the neurostimulator programming guide for detailed programming instructions.
2. Use the lead location sub tab screen to record the number and type of implanted leads.
3. Use Lead 0-7 on the programmer screen as the implanted quadripolar leads and Lead 8-15 on the programmer screen as the implanted octapolar lead. Reference the icon on the neurostimulator for connections.

**Note:** Lead 0-7 may also be used for the implanted octapolar lead if Lead 8-15 is used for the quadripolar leads.

4. For Lead 0-7 on the programmer screen, which are also the implanted quadripolar leads (Figure 2 A, B), program electrodes 0-3 for the lead electrodes connected to the marker band leg of the extension (A) and program electrodes 4-7 for the lead electrodes connected to the non-marker band leg of the extension (B).

Refer to Figure 2 for matching the electrodes of the implanted leads with the electrodes of the lead on the programmer screen.

5. For Lead 8-15 on the programmer screen, which is also the implanted octapolar lead (Figure 2 C), program electrodes 8-15 (C).

Refer to Figure 2 for matching the electrodes of the implanted lead with the electrodes of the lead on the programmer screen.

6. Use a Model 3550-31 snap-lid connector cable to screen the leads as necessary. When screening the quadripolar leads, use two quadripolar percutaneous extensions connected to the 0-3 and the 4-7 electrode lead grooves. The percutaneous extensions are included in the lead kits.

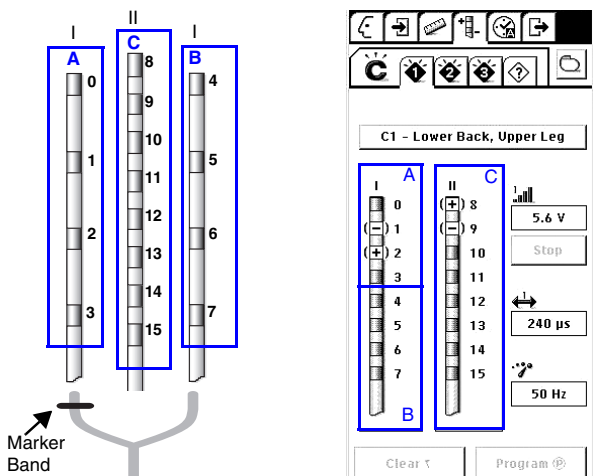


Figure 2.



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