

Aurora EV-ICD™ MRI SureScan™

Model DVEA3E4



Single chamber, extravascular ICD with:

- Antitachycardia pacing (ATP)
- Pause Prevention and Post-shock pacing
- 1.5T and 3T MRI access†
- PhysioCurve™ design
- EV4 connector

†When MR conditions for use are met.

Product specifications

Physical characteristics

| | |
|---|---|
| Volume ^a | 33 cm ³ |
| Mass | 77 g |
| H x W x D | 64 mm x 51 mm x 13 mm |
| Surface area of device can | 57 cm ² |
| Connector | |
| Type | EV4-LLHH |
| Length | 30 mm |
| Functional diameter | 3.2 mm |
| Radiopaque ID ^b | REX |
| Materials in contact with human tissue ^c | Titanium, polyurethane, silicone rubber adhesive, silicone rubber, liquid silicone rubber |
| Battery | Hybrid CFx lithium/silver vanadium oxide |
| Battery model | M970710A |

^a Volume with connector ports unplugged.

^b The radiopaque ID, which includes a Medtronic identifier symbol, can be viewed in a fluoroscopic image of the device.

^c These materials have been successfully tested for the ability to avoid biological incompatibility. The device does not produce an injurious temperature in the surrounding tissue during normal operation.

Replacement indicators

| | |
|------------------------------------|--|
| Recommended Replacement Time (RRT) | < 2.73 V on 3 consecutive daily automatic measurements |
| End of Service (EOS) | 3 months after RRT |

Projected service life

The service life projection for the device is 11.7 years.

Based on the following assumptions:

- Pacing at 0%.
- 2 high-voltage therapies per year.
- Pre-arrhythmia EGM storage programmed to On for 6 months, over life of device.
- Wireless telemetry:
 - 3 hours of telemetry enabled at implant.
 - 30 min of telemetry enabled for quarterly scheduled CareLink™ monitor remote sessions (if available).
 - 1 hour of in-office wireless telemetry enabled annually.
- Shelf storage life of 5 months, before implant.

Maximum energy levels and typical full energy charge times

| | |
|--|--------|
| Maximum programmed energy | 40 J |
| Energy delivered at maximum programmed energy ^a | 40 J |
| Stored energy at maximum programmed energy ^b | 47 J |
| Typical charge time at Beginning of Service (BOS) ^c | 9.4 s |
| Typical charge time at Recommended Replacement Time (RRT) ^c | 14.8 s |

























^a Tolerance for delivered energy delivered into a 75 Ω load is 40 J ± 15%.






^b Energy stored at charge end on capacitor.

^c Charge time during a nonwireless telemetry session may be slightly higher.

Device parameters

Ventricular tachyarrhythmia detection parameters

| Parameter | Programmable values |
|---|---|
| VF Detection ^a | On  ; OFF |
| VF Initial Beats to Detect | 12/16; 18/24; 24/32; 30/40  ; 45/60; 60/80; 75/100; 90/120; 105/140; 120/160 |
| VF Beats to Redetect | 6/8; 9/12; 12/16  ; 18/24; 21/28; 24/32; 27/36; 30/40 |
| VF: Ventricular Interval (Rate) ^b | 240; 250 ... 320  ... 400 ms |
| FVT Detection | OFF  ; via VF |
| FVT: Ventricular Interval Rate ^b | 200; 210 ... 240  ... 600 ms |
| VT Detection | On; OFF  |
| VT Interval Rate ^b | 280; 290 ... 360  ... 650 ms |
| VT Initial Beats to Detect | 12; 16  ... 52; 76; 100 |
| VT Beats to Redetect | 8; 12  ... 52 |
| Monitor | Monitor  ; Off |
| Monitored VT Beats to Detect | 16; 20; 24; 28; 32  ... 56; 80; 110; 130 |
| Monitor: Ventricular Interval (Rate) ^b | 280; 290 ... 450  ... 650 ms |
| Wavelet | |
| Wavelet | On  ; Off; Monitor |
| Template | [date] |
| Match Threshold | 40; 43; 46 ... 61  ... 97% |
| Auto Collection | On  ; Off |
| Rapid AF | On  ; Off |
| Feature Match | On  ; Off |
| SVT V. Limit ^b | 210; 220 ... 260  ... 650 ms |
| Other enhancements | |
| Stability ^b | Off  ; 30; 40 ... 100 ms |
| Onset | Off  ; On; Monitor |
| Percent | 72; 75; 78; 81  ; 84; 88; 91; 94; 97% |
| High Rate Timeout | |
| VF Zone Only (min) | Off; 0.25; 0.5; 0.75  ; 1; 1.25; 1.5; 1.75; 2; 2.5; 3; 3.5; 4; 4.5; 5 min |
| All Zones (min) | Off  ; 0.5; 1; 1.5 ... 5; 6; 7 ... 20; 22; 24; 26; 28; 30 min |


























| T Wave | On  ; Off |
|-----------------------------------|--|
| Noise | |
| Sensed Noise | On  ; Off |
| Morphology Noise | On  ; Off |
| Sensed EMI | On  ; Off |
| Shared Noise Timeout ^c | Off; 0.25; 0.50; 0.75 ... 2.00; 2.50; 3.0  ... 4.00 min |

^a Reset does not happen in the box. Table shows reset value when implanted.

^b The measured intervals are truncated to a 10 ms multiple (for example, 457 ms becomes 450 ms). The device uses this truncated interval value when applying the programmed criteria and calculating interval averages.

^c Therapy can be withheld by noise oversensing enhancements for up to the total timeout period.

Ventricular tachyarrhythmia therapy parameters

| Parameter | Programmable values |
|--------------------------|--|
| VF Therapies | |
| VF Therapy Status | On  ; Off |
| Energy | Rx1-Rx2: 0.4; 0.6 ... 1.8; 2; 3 ... 16; 18; 20; 22; 24; 25; 26; 28; 30; 32; 35; 40  J Rx3-Rx6: 10; 11 ... 16; 18; 20; 22; 24; 25; 26; 28; 30; 32; 35; 40  J |
| Pathway ^a | Rx1-Rx4: STD  ; REV Rx5-Rx6: STD; REV  |
| VT/FVT Therapies | |
| VT Therapy Status | Rx1-Rx6: On; Off  |
| FVT Therapy Status | Rx1-Rx6: On; Off  |
| Therapy Type | Rx1: CV; Burst  ; Ramp Rx2-Rx6: CV  ; Burst; Ramp |
| Energy ^b | Rx2-Rx6: 0.4; 0.6 ... 1.8; 2; 3 ... 16; 18; 20; 22; 24; 25; 26; 28; 30; 32; 35; 40  J |
| Pathway ^a | Rx2-Rx4: STD  ; REV Rx5-Rx6: STD; REV  |
| Burst therapy parameters | |
| Initial # Pulses | 1; 2 ... 8  ... 15 |
| R-S1 Interval = (% RR) | 50; 53; 56; 59; 63; 66 ... 84; 88  ; 91; 94; 97% |
| Interval Dec | 0; 10  ... 40 ms |
| # Sequences | 1; 2 ... 10 VT therapies: 3  FVT therapies: 1  |
| Smart Mode ^c | On; Off  |
| Ramp therapy parameters | |
| Initial # Pulses | 1; 2 ... 8  ... 15 |
| R-S1 Interval = (%RR) | 50; 53; 56; 59; 63; 66 ... 84; 88; 91  ; 94; 97% |
| Interval Dec | 0; 10  ... 40 ms |
| # Sequences | 1; 2 ... 10 VT therapies: 3  FVT therapies: 1  |
| Smart Mode ^c | On; Off  |
| Shared Settings | |
| Shared V. ATP | |
| V-V Minimum ATP Interval | 150; 160 ... 200  ... 400 ms (± 12 ms ^d /± 60 ms ^e) |

Ventricular tachyarrhythmia therapy parameters, cont'd.

| Parameter | Programmable values |
|------------------|--|
| V. Amplitude | 1; 2 ... 8; 10; 13; 16; 20; 30 V (+0.5 V/-35% ≤ 2.5 V; +20%/-35% > 2.5 V ≤ 8V; +20%/-25% ≥ 10 V) |
| V. Pulse Width | 1 ^f ; 2 ^{f,g} ; 3 ^f ; 4 ^{f,g} ; 6 ^g ; 8 ^g ms (± 100 µs) |
| V. Pace Blanking | 150; 160 ... 250 \diamond ... 450 ms (± 5 ms) |
| ATP Polarity | Ring 1 to Ring 2; Ring 1 to Coil 2; Coil 2 to Coil 1 |

^a STD = Can to Coils; REV = Coils to Can.

^b This parameter is for CV (cardioversion).

^c Smart Mode is available only for Rx1 - Rx4.

^d At ≤ 8 V amplitude.

^e At ≥ 10 V amplitude.

^f Coil 2 to Coil 1.

^g Ring 1 to Ring 2 or Ring 1 to Coil 2.

Delivered energy conditions and tolerances

| | 30 Ω | 50 Ω | 75 Ω | 200 Ω | 250 Ω |
|---------------------------|-------|-------|-------|-------|-------|
| 22 °C: | -35%/ | -30%/ | -30%/ | -30%/ | -50%/ |
| 0.4 J - 35 J ^a | +20% | +20% | +20% | +20% | +50% |
| 22 °C: | -30%/ | -30%/ | -30%/ | -30%/ | -50%/ |
| 40 J | +20% | +20% | +20% | +20% | +50% |
| 37 °C: | -30%/ | -30%/ | -30%/ | -30%/ | -50%/ |
| 0.4 J - 4 J ^a | +20% | +20% | +20% | +20% | +50% |
| 37 °C: | -30%/ | -20%/ | -20%/ | -30%/ | -50%/ |
| 5 J - 35 J | +20% | +20% | +20% | +20% | +50% |
| 37 °C: | -30%/ | -15%/ | -15%/ | -30%/ | -50%/ |
| 40 J | +20% | +15% | +15% | +20% | +50% |
| 45 °C: | -30%/ | -30%/ | -30%/ | -30%/ | -50%/ |
| 0.4 J - 40 J ^a | +20% | +20% | +20% | +20% | +50% |

^a Tolerance is ± 0.25 J for energy levels for which ± 0.25 J is greater than the listed tolerance range.

Post-shock pacing parameters

| Parameter | Programmable values |
|-------------------------------|---|
| Post Shock Pacing Enable | On; Off |
| Amplitude | 1 V (+0.18 V/-35%); 2; 3 ... 8 V (+15%/-35%) ^a 10; 13; 16; 20; 30 V (+15%/-25%) ^b |
| Pulse Width | 2; 4 ms (± 100 µs) ^c 6; 8 ms (± 300 µs) ^c 1; 2 ... 10 ms (± 10%) ^d |
| Pace Polarity | Ring 1 to Ring 2; Ring 1 to Coil 2; Coil 2 to Coil 1 |
| Lower Rate ^{e,f} | 40 min ⁻¹ (1,500 ms) (± 1.3 min ⁻¹ (± 50 ms) ≤ 8 V; ± 2.7 min ⁻¹ (± 100 ms) ≥ 10 V) |
| Therapy Duration ^e | 30 s |

^a Ring 1 to Ring 2 or Ring 1 to Coil 2, nominal 500 Ω impedance.

^b Coil 2 to Coil 1, nominal 75 Ω impedance.

^c For ≤ 8 V amplitude, Ring 1 to Ring 2 or Ring 1 to Coil 2.

^d For ≥ 10 V amplitude, Coil 2 to Coil 1.

^e This parameter is nonprogrammable.

^f Escape interval at nominal pulse width of 8 ms is 992 ms.

Pause Prevention Detection – detection and pacing parameters

| Parameter | Programmable values |
|-------------------------------------|---|
| Setting | |
| Pause Prevention Detection Enable | On; Off; Monitor |
| Pause Prevention Detection Interval | 5; 6 ... 15 s |
| Amplitude | 1 V (+0.18 V/-35%) ^a 2; 3 ... 8 V (+15%/-35%) ^a 10; 13 V (+15%/-25%) ^b |
| Pulse Width | 2; 4 ms (± 100 µs) ^c 6; 8 ms (± 300 µs) ^c 1; 2 ... 10 (± 10%/± 20%) ms ^d |
| Pace Polarity | Ring 1 to Ring 2; Ring 1 to Coil 2; Coil 2 to Coil 1 |
| Lower Rate ^{e,f} | 40 min ⁻¹ (1,500 ms) (± 1.3 min ⁻¹ (± 50 ms) ≤ 8 V; ± 2.7 min ⁻¹ (± 100 ms) ≥ 10 V) |
| Therapy Duration | 30 s |

^a Ring 1 to Ring 2 or Ring 1 to Coil 2.

^b Coil 2 to Coil 1.

^c For ≤ 8 V amplitude, Ring 1 to Ring 2 or Ring 1 to Coil 2.

^d For ≥ 10 V amplitude, Coil 2 to Coil 1. Within ± 10% for impedance ≥ 50 Ω and within ± 20% for impedance < 50 Ω.

^e This parameter is nonprogrammable.

^f Escape interval at nominal pulse width of 8 ms is 992 ms.

Sensing parameters

| Parameter | Programmable values |
|-------------------------------|---|
| Sensitivity ^{a,b,c} | 0.075; 0.100; 0.150 (± 75%); 0.200; 0.300; 0.450; 0.600 (± 50%); 0.900; 1.200 mV (± 30%) |
| Sense Polarity | Ring 1 to Ring 2; Ring 1 to Can; Ring 2 to Can |
| Blank after Sense | 140; 150 \diamond ... 200 ms |
| Sensing Threshold Decay Delay | 210; 260 ... 360 \diamond ... 650 ms |
| Sensing Threshold Drop Time | 500; 680; 1,000; 1,100 ... 1,500 \diamond ; 1,600 ... 2,000; 2,500 ms |
| Blank after Pace | 200; 210 ... 250 \diamond ... 450 ms |
| Oversensing Prevention | Low - 1; 2; Medium - 3 \diamond ; 4; 5; High - 6 |

^a Carefully evaluate the possibility of increased susceptibility to EMI and oversensing before changing the sensitivity threshold to its minimum (most sensitive) setting of 0.075 mV. When susceptibility to modulated interference is tested under the conditions specified in standard ISO 14708-2, the device may sense the interference if the sensitivity threshold is programmed to the minimum value of 0.075 mV. The device complies with the standard requirements when the sensitivity threshold is programmed 0.3 mV or higher.

^b There is no nominal value for this parameter.

^c Programming Sense Polarity to a unipolar setting (Ring 1 to Can or Ring 2 to Can) will result in increased susceptibility to EMI. Consider programming Sense Polarity to a bipolar setting whenever possible.

MRI SureScan parameters

| Parameter | Programmable values |
|----------------------------------|---------------------|
| MRI SureScan | On; Off |
| Timeout ^a | 6 hr |
| Mode ^a | OVO |
| Detection/Therapies ^a | Off |

^a This parameter is nonprogrammable when the MRI SureScan feature is programmed to On.

Medtronic CareAlert™ parameters

Clinical management alerts

| Parameter | Programmable values |
|--|-----------------------------------|
| Number of Shocks Delivered in an Episode ^a | |
| Device Tone | |
| Alert Enable – Urgency | Off ; On-Low; On-High |
| Number of Shocks Threshold ^b | 1 ; 2; 3; 4; 5; 6 |
| Patient Home Monitor ^c | |
| Alert Enable | Off ; On |
| Number of Shocks Threshold ^b | 1 ; 2; 3; 4; 5; 6 |
| All Therapies in a Zone Exhausted for an Episode | |
| Device Tone | |
| Alert Enable – Urgency | Off ; On-Low; On-High |
| Patient Home Monitor | |
| Alert Enable | Off ; On |
| Number of Pause Prevention Episodes | |
| Device Tone | |
| Alert Enable – Urgency | Off ; On-Low; On-High |
| Number of Pause Prevention Episodes Threshold ^b | 1; 2; 3; 4; 5 |
| Patient Home Monitor | |
| Alert Enable | Off; On |
| Number of Pause Prevention Episodes Threshold ^b | 1; 2; 3; 4; 5 |
| Alert Time (all others) | 00:00; 00:10 ... 08:00 ... 23:50 |

^a Note that VF, VT, and FVT therapies could be delivered during a single episode (from initial detection until episode termination).

^b This parameter is displayed only when its related alert is enabled; a single parameter is shared between the Device Tone and Patient Home Monitor alerts.

^c Alerts are programmable and transmittable to a monitor only when Patient Home Monitor is programmed to Yes.

Lead/device integrity alerts

| Parameter | Programmable values |
|--|----------------------------|
| Lead Impedance Out of Range | |
| Device Tone | |
| Alert Urgency ^a | Low; High |
| Lead Impedance Enable | |
| Ring 1 to Ring 2 | On; Off (Observation only) |
| Ring 1 to Coil 2 | On; Off (Observation only) |
| High Voltage | On; Off (Observation only) |
| Patient Home Monitor | |
| Lead Impedance Enable ^b | |
| Ring 1 to Ring 2 | On; Off |
| Ring 1 to Coil 2 | On; Off |
| High Voltage | On; Off |
| Low Battery Voltage RRT | |
| Device Tone | |
| Alert Enable – Urgency | Off; On-Low; On-High |
| Patient Home Monitor | |
| Alert Enable ^b | Off; On |
| Excessive Charge Time EOS | |
| Device Tone | |
| Alert Enable – Urgency | Off; On-Low; On-High |
| Patient Home Monitor | |
| Alert Enable ^b | Off; On |
| VF Detection Off, 3+ VF or 3+ FVT Rx Off | |
| Device Tone | |
| Alert Enable | Off; On-High |
| Patient Home Monitor | |
| Alert Enable ^b | Off; On |

^a This parameter is displayed only if an associated alert has been enabled.

^b Alerts are programmable and transmittable to a monitor only when Patient Home Monitor is programmed to Yes.

Shared parameters

| Parameter | Programmable values |
|-------------------------|-----------------------------------|
| Patient Home Monitor | Yes; No |
| Alert Time ^a | 00:00; 00:10 ... 08:00 ... 23:50 |

^a This parameter is displayed only if an associated alert has been enabled.

Data collection parameters

Data collection parameters

| Parameter | Programmable values |
|-------------------------------|---|
| LECG Source ^a | Ring 1 to Ring 2; Ring 2 to Can ; Coil 2 to Ring 2 |
| LECG Range | ±1; ±2; ±4; ±8 ; ±12; ±16; ±32 mV |
| EGM 1 Source | Ring 1 to Ring 2 ; Ring 1 to Can; Ring 2 to Can; Coil 2 to Coil 1 |
| EGM 1 Range | ±2; ±4; ±8 ; ±12; ±16; ±32 mV |
| EGM 2 (Wavelet) Source | Ring 1 to Ring 2; Ring 1 to Coil 1; Ring 1 to Coil 2; Coil 2 to Can ; Coil 1 to Can; Ring 1 to Can; Ring 2 to Can; Coil 2 to Coil 1 |
| EGM 2 (Wavelet) Range | ±1; ±2; ±4; ±8 ; ±12; ±16; ±32 mV |
| EGM 3 Source | Coil 2 to Coil 1 ; Ring 1 to Ring 2; Coil 2 to Ring 2 |
| EGM 3 Range | ±1; ±2; ±4; ±8 ; ±12; ±16; ±32 mV |
| Stored (Ventricular) | EGM1 and EGM2 ; EGM1 and EGM3; EGM1 and LECG; EGM2 and EGM3; EGM2 and LECG; EGM3 and LECG |
| Pre-arrhythmia EGM | Off ; On – 1 month; On – 3 months; On Continuous |
| Device Date/Time ^b | (Enter time and date) |
| Holter Telemetry | Off ; 0.5; 1; 2; 4; 8; 16; 24; 36; 46 hr |

^a LECG: This EGM channel displays morphology channel signals.

^b The times and dates stored in episode records and other data are determined by the Device Date/Time clock.

System test parameters

System test parameters

| Parameter | Selectable values |
|--------------------------|---|
| Tests – Sensing | |
| Mode | |
| Test Value | OVO |
| Permanent | OVO |
| Tests – Pacing Threshold | |
| Pace Polarity | Ring 1 to Ring 2; Ring 1 to Coil 2; Coil 2 to Coil 1 |
| Mode | |
| Test Value | VVI |
| Permanent | OVO |
| Lower Rate | 30; 35 ... 60; 70; 75 ... 150 min ⁻¹ |
| Amplitude | Ring 1 to Ring 2; Ring 1 to Coil 2: 1.00; 1.50 ... 8.00 V Coil 2 to Coil 1: 10; 13; 16; 20; 30 V |

| | |
|---------------------|--|
| Pulse Width | Ring 1 to Ring 2, Ring 1 to Coil 2: 2.00; 4.00; 6.00; 8.00 ms Coil 2 to Coil 1: 0.50; 1.00; 2.00 ... 10.00 ms |
| Additional Settings | |
| V. Pace Blanking | 150; 160 ... 450 ms |
| Tests – Wavelet | |
| Wavelet enable | Off; On ; Monitor |
| Match Threshold | 40; 43 ... 61 ... 97 |
| Auto Collection | On ; Off |
| Mode | OVO |

EP study parameters

T-Shock parameters

| Parameter | Selectable values |
|-----------------------|--|
| Enable | (checked); (unchecked) |
| #S1 | 2; 3; 4; 5 ; 6 ... 15 |
| S1S1 | 300; 310 ... 400 ... 2,000 ms |
| S1 Pathway | Ring 1 to Coil 2 ; Coil 2 to Coil 1 |
| Delay | 120; 130 ... 300 ... 600 ms |
| T Energy | 1 ; 1.2; 1.4 ... 2; 3 ... 16; 18; 20 J |
| Waveform ^a | Monophasic |

^a This parameter is nonprogrammable.

Burst induction parameter




| Parameter | Selectable values |
|-----------|------------------------|
| Enable | (checked); (unchecked) |

PES parameters

| Parameter | Selectable values |
|---------------|--|
| Enable | (checked); (unchecked) |
| #S1 | 1; 2 ... 8 ; 9 ... 15 |
| S1S1 | 150; 160 ... 600 ; 610 ... 2,000 ms |
| S1S2 | 150; 160 ... 400 ; 410 ... 600 ms |
| S2S3 | 150; 160 ... 400 ; 410 ... 600 ms ^a |
| S3S4 | 150; 160 ... 400 ; 410 ... 600 ms ^a |
| Pace Polarity | Ring 1 to Ring 2; Ring 1 to Coil 2; Coil 2 to Coil 1 |
| Amplitude | Ring 1 to Ring 2, Ring 1 to Coil 2: 8 V Coil 2 to Coil 1: 10; 13; 16; 20; 30 V |
| Pulse Width | Ring 1 to Ring 2, Ring 1 to Coil 2: 2; 4; 6; 8 ms Coil 2 to Coil 1: 1; 2; 3; 4 ms |




^a Default value when parameter is On is 400 ms.

Defibrillator parameters




| Parameter | Selectable values |
|-----------------------|---|
| Enable | (checked); (unchecked)  |
| Energy | 0.4; 0.6 ... 1.8; 2; 3 ... 16; 18; 20; 22; 24; 25; 26; 28; 30; 32; 35; 40  J |
| Waveform ^a | Biphasic |
| Pathway | STD  ; REV |

^a This parameter is nonprogrammable.

Cardioversion parameters

| Parameter | Selectable values |
|-----------|---|
| Enable | (checked); (unchecked)  |
| Energy | 0.4; 0.6 ... 1.8; 2; 3 ... 16; 18; 20; 22; 24; 25; 26; 28; 30; 32; 35; 40  J |
| Pathway | STD  ; REV |

Burst ATP parameters

| Parameter | Selectable values |
|------------------------|--|
| Enable | (checked); (unchecked)  |
| # Pulses | 1; 2 ... 8  ... 15 |
| % RR Interval | 50; 53; 56; 59; 63; 66 ... 84; 88  ; 91; 94; 97% |
| Minimum Interval | 150; 160 ... 400 ms |
| Pace Polarity | Ring 1 to Ring 2; Ring 1 to Coil 2; Coil 2 to Coil 1 |
| Amplitude ^a | Ring 1 to Ring 2, Ring 1 to Coil 2: 8 V Coil 2 to Coil 1: 10; 13; 16; 20; 30 V |
| Pulse Width | Ring 1 to Ring 2, Ring 1 to Coil 2: 2; 4; 6; 8 ms Coil 2 to Coil 1: 1; 2; 3; 4 ms |

^a This value is nonprogrammable.

Brief Statement

This material does not replace or supersede the instructions for use. It should not be considered the exclusive source of information, and should be used in conjunction with the device manual.

See the device manual for detailed information regarding the instructions for safe use, the implant procedure, indications, contraindications, warnings, precautions, and potential adverse events. If using an MRI SureScan™ device, see the MRI SureScan™ technical manual before performing an MRI. For further information, contact your local Medtronic representative and/or consult the Medtronic website at medtronic.eu.

For applicable products, consult instructions for use on medtronic.com/manuals. Manuals can be viewed using a current version of any major internet browser. For best results, use Adobe Acrobat® Reader with the browser.

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