

REMOTE MANAGEMENT

REMOTE PROGRAMMER CONTROL

We understand many healthcare systems are increasing restrictions and scrutiny around noncritical vendor access, especially in the hospital setting. The CareLink™ 2090 Programmer with RemoteControl™ capabilities can provide remote support of CIED implant and device interrogation. This can allow for remote resource coordination, while reducing the risk of exposure for both patients and support.



1

Remote Session Initiation



Clinician initiates connected 2090 Programmer session. Connection is made to remote local Medtronic device specialist via an encrypted, secure protocol.

2

Connected Programming



The local Medtronic device specialist supports a real-time, full programming session. They are able to view and control 2090 Programmer screen remotely while communicating test results and programming parameters over the phone.

3

Real-time Coordination



Complete the device interrogation and disconnect the programmer when remote connection is no longer necessary.



For follow-up device interrogations, utilizing CareLink Express™ Mobile as the first-line solution when an interrogation is necessary can better determine the care pathway for cardiac device patients. If programming is needed, a RemoteControl session can then be initiated.

Innovation doesn't end at implant.

Medtronic

Brief Statement

CareLink Express™ Mobile System, including the CareLink Express Apps (Model 31301 and 31302) and Patient Connector

Indications (or intended use): The CareLink Express app is intended for interrogating Medtronic cardiac devices and uploading the data to the CareLink™ network. The CareLink Express app is installed on a compatible mobile device with internet access. The CareLink Express app communicates with the Medtronic Patient Connector and sends implanted cardiac device data to the Medtronic proprietary CareLink network for clinical review. The CareLink Express app should be used by healthcare personnel only in a clinical or hospital environment.

Contraindications: There are no known contraindications for the CareLink Express app or the Patient Connector.

Warnings and precautions: Only use the Patient Connector to communicate with the intended implanted device.

Use of wireless devices: The Patient Connector incorporates radiofrequency (RF) communications components which may affect other devices and equipment in the medical environment. The use of wireless devices in the medical environment must be evaluated and authorized by the responsible organization. RF interference may affect device performance. Electromagnetic Compliance (EMC) testing shows that the Patient Connector provides reasonable protection against harmful interference and provides EMC immunity in a typical medical installation. The use of wireless devices in the medical environment must be evaluated and authorized by the responsible organization. However, there is no guarantee that interference will not occur in a particular installation. If the Patient Connector does cause harmful interference to other devices or is negatively impacted by other devices, correct the interference by one or more of the following measures: reorient or relocate the Patient Connector and other devices; increase the separation between the Patient Connector and other devices by at least 2 meters (approximately 6 feet); and/or turn off any interfering equipment.

Radiofrequency (RF) interference: Portable and mobile RF communications equipment can interfere with the operation of the Patient Connector. There is no guarantee that it will not receive interference or that any particular transmission from this system will be free from interference.

To avoid interference, do not use the Patient Connector and mobile device within 2 m (6 feet) of other wireless communications equipment.

Security: Maintain adequate physical security of the Patient Connector to prevent unauthorized use that could lead to harm to patients. Bluetooth® communication in the Patient Connector is encrypted for security. Medtronic inductive telemetry uses short-range communication to protect patient information. If the Patient Connector should fail, there is no risk of patient harm.

Environmental precautions: To ensure safe and effective operation, use the device with care to avoid damage to the Patient Connector from environmental factors that may impair its function. Care is exercised in design and manufacturing to minimize damage to devices under normal use. However, electronic devices are susceptible to many environmental stresses. Specifically, the Patient Connector may be affected by electrostatic discharge (ESD). In an environment likely to cause ESD, such as a carpeted floor, discharge any charge collected on your body before touching the device.

Potential complications: See the device manuals for detailed information regarding the instructions for use, intended use, contraindications, warnings, precautions, and potential complications/adverse events. For further information, please call Medtronic at 1-800-328-2518 and/or consult the Medtronic website at medtronic.com.

Caution: Federal law (USA) restricts this system to sale by or on the order of a physician.

CareLink™ 2090 Programmer

The Medtronic CareLink programmer system is comprised of prescription devices indicated for use in the interrogation and programming of implantable medical devices. Prior to use, refer to the Programmer Reference Guide as well as the appropriate programmer software and implantable device technical manuals for more information related to specific implantable device models. Programming should be attempted only by appropriately trained personnel after careful study of the technical manual for the implantable device and after careful determination of appropriate parameter values based on the patient's condition and pacing system used. The Medtronic CareLink programmer must be used only for programming implantable devices manufactured by Medtronic or Vitatron.

See the device manual for detailed information regarding the instructions for use, indications, contraindications, warnings, precautions, and potential adverse events. For further information, please call Medtronic at 1-800-328-2518 and/or consult the Medtronic website at medtronic.com.

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Medtronic

710 Medtronic Parkway
Minneapolis, MN 55432-5604
USA

Toll-free in USA: 800.633.8766
Worldwide: +1.763.514.4000

medtronic.com

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