Medi-Trace™
Cadence Adult Multi-Function Defibrillation Electrodes
The full range

Medi-Trace™ ‘Classic’ electrodes

Medi-Trace™ Cadence RTS
Multi Function Electrodes (Radio-transparent)

Medi-Trace™ Cadence-PC
Multi Function Electrodes (Pre-connect)

- Suitable for:
  - Emergency defibrillation
  - Cardioversion
  - Monitoring
  - Cardiac pacing
- Raising the bar of safety measures
- Conductive adhesive hydrogel designed to maximise adhesion and electrical contact
- Foam substrate resists fluids and conforms easily to body contours
- Compatible with monophasic and biphasic defibrillators
- Connects directly to defibrillators; no special adapters needed
- Extended two year shelf life

High quality features

- Gradient Technology
- Excellent Radio-transparence
- Pre-Connect Version
- Colour Coded Packaging
- Direct Connection

Detailed information available in:
1 “Study on the X-ray transmission properties of defibrillation electrodes”, performed by Biomedical Engineering Department at Purdue University, USA; July 2003.
• Standard product for any hospital or emergency application
• Available for the most common defibrillators on the market including older models
• Water resistant foam substrate easily conforms to body contours
• Strong adhesive and conductive hydrogel provides long term stable electrical performance and high tack, but stays friendly to the patient’s skin
• Radiotranslucent except for leadwire and connector assembly
• Prewired models plug directly to the defibrillator, the other ones connect using the original manufacturer's interface cable, no additional adapter necessary
• Conductive surface of a single electrode is 79cm² or 158cm² per pair
• Compatible with mono and bi-phasic waveforms

Order information

<table>
<thead>
<tr>
<th>Reorder number</th>
<th>Match Code</th>
<th>May be used in place of</th>
<th>Quantity/</th>
<th>Pairs/Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>31319281</td>
<td>1310P</td>
<td>Medtronic Physio-Control Quik-Combo™ Pacing/Defi/EKG Electrodes</td>
<td>1 pair</td>
<td>10</td>
</tr>
<tr>
<td>3117721</td>
<td>1210H</td>
<td>Philips™ ( Hewlett Packard) M3502A Barrel Connector Multifunction Adult Electrodes</td>
<td>1 pair</td>
<td>10</td>
</tr>
<tr>
<td>31469219</td>
<td>1410Z</td>
<td>Zoll Stat-Padz™ Multifunction Adult Electrodes</td>
<td>1 pair</td>
<td>10</td>
</tr>
<tr>
<td>31319315</td>
<td>1510M</td>
<td>Marquette™ E9004xx Defibrillation/Pacing Electrodes</td>
<td>1 pair</td>
<td>10</td>
</tr>
<tr>
<td>31177705</td>
<td>1010P</td>
<td>Medtronic Physio-Control Fast Patch™ Defibrillation, ECG Monitoring Electrodes</td>
<td>1 pair</td>
<td>10</td>
</tr>
<tr>
<td>40000006</td>
<td>1710H</td>
<td>Philips™ DP2, DP6, Agilent® M3713A, Multifunction Adult Electrode &amp; Laerdal Medical™ DP2 &amp; DP6 Multifunction Adult Electrodes</td>
<td>1 pair</td>
<td>10</td>
</tr>
</tbody>
</table>

Complete information on the performed tests available in:
Excellent radiotransparency\(^1\)

Medi-Trace™ Cadence RTS electrodes connect directly to equipment to ensure a reliable connection

Patented Gradient Technology and oval shape designed to dispense energy uniformly

Compatibility to OEM equipment eliminates need for special adapters or cable manipulation

Colour coded packaging and connector illustrations for quick and easy identification of product

Up to 117cm (46 inch) long integrated leads allow for more comfortable work with the product

Conductive layer made of Ag/AgCl

Conductive surface of a single adult electrode is 102cm² or 204cm² per pair (55cm² of a single and 111cm² of a pair of pediatric electrodes)

Full compliance to ANSI/AAMI DF80:2003 standard even after prolonged external pacing

---

Medi-Trace™ Cadence RTS Multi Function Electrodes (Radio-transparent)

---

Order information

<table>
<thead>
<tr>
<th>May be used in place of:</th>
<th>Quantity/Pouch</th>
<th>Pairs/Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>22550A Physio-Control Quik-Combo™ 11996-000091</td>
<td>1 pair</td>
<td>10</td>
</tr>
<tr>
<td>22550R Physio-Control Quik-Combo™ RTS 11996-000090</td>
<td>1 pair</td>
<td>10</td>
</tr>
<tr>
<td>22550P Physio-Control Pediatric Quik-Combo™ 11996-000093</td>
<td>1 pair</td>
<td>5</td>
</tr>
<tr>
<td>22770R Zoll Pro-Padz™ 8900-2100-01, 8900-4005, 8900-2303-01, 8900-2055</td>
<td>1 pair</td>
<td>10</td>
</tr>
<tr>
<td>22770P Zoll Pedi-Padz™ 8900-2065, 8900-3000-01</td>
<td>1 pair</td>
<td>5</td>
</tr>
<tr>
<td>22660R Philips™ M3713A, M3716A &amp; M3718A, DP2, DP6</td>
<td>1 pair</td>
<td>10</td>
</tr>
<tr>
<td>22660P Philips™ M3717A, M3719A</td>
<td>1 pair</td>
<td>10</td>
</tr>
<tr>
<td>22661R Philips™ (HP) Pediatric M3501A, M3502A</td>
<td>1 pair</td>
<td>10</td>
</tr>
<tr>
<td>22661P Philips™ (HP) Pediatric M3503A, M3504A</td>
<td>1 pair</td>
<td>5</td>
</tr>
</tbody>
</table>

Complete information on the performed tests available in:

1 "Study on the X-ray transmission properties of defibrillation electrodes", performed by Biomedical Engineering Department at Purdue University, USA, July 2003
Medi-Trace™ Cadence-PC
Multi Function Electrodes (Pre-Connect)

- Designed particularly for emergency application
- Allow you to Pre-Connect directly to the defibrillator before you open the pouch
- Available for the most common defibrillators on the market
- Patented Gradient Technology and oval shape designed to dispense energy uniformly
- Up to 117cm (46 inch) long integrated leads allow for more comfortable work with the product
- Colour coded packaging and connector illustrations for quick and easy identification of product
- Compatibility to OEM equipment eliminates need for special adapters or cable manipulation
- Conductive layer made of Ag/AgCl
- Conductive surface of a single adult electrode is 102cm² or 204cm² per pair
- Full compliance to ANSI/AAMI DF80:2003 standard even after prolonged external pacing
- Extended two year shelf life

Order information

<table>
<thead>
<tr>
<th>Reorder number</th>
<th>May be used in place of:</th>
<th>Quantity/Pouch</th>
<th>Pairs/Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>22550PC</td>
<td>Physio-Control Redi-Pak™ 11996-000017</td>
<td>1 pair</td>
<td>10</td>
</tr>
<tr>
<td>22660PC</td>
<td>Philips™ 989803166021</td>
<td>1 pair</td>
<td>10</td>
</tr>
<tr>
<td>22661PC</td>
<td>Philips™ (HP) Barrel Connector M3501A &amp; M3502A</td>
<td>1 pair</td>
<td>10</td>
</tr>
<tr>
<td>22770PC</td>
<td>Zoll Stat-Padz™ 8900-4003</td>
<td>1 pair</td>
<td>10</td>
</tr>
</tbody>
</table>
A Gradient Technology is applied to the silver/silver chloride (Ag/AgCl) composition of Medi-Trace™ Cadence electrodes, resulting in a more uniform distribution of current under the electrode during defibrillation.²

**Compare Distribution of Current using Thermograms**(a)

- Medi-Trace™ Cadence electrodes clearly illustrate the benefit of a more uniform distribution of current, with reduced skin injury compared with electrodes without edge-manipulation technology²
- Medi-Trace™ Cadence electrodes do not show the concentrated energy areas or “hot spots” that may cause skin injury²

(a) Thermograms were taken 3.60 seconds after defibrillation using a bi-phasic defibrillator

**Compare Radiotransparence under X-ray**(b)

- Medi-Trace™ Cadence RTS has superior radiotransparency in comparison to Zoll Pro-Padz™ Bi-phasic and Phillips Heartstart™ Radiolucent electrodes under normal X-ray levels³
- Medi-Trace™ Cadence RTS electrodes feature Nickel-Carbon leadwires resulting in total radiotransparency of the entire product¹
- US Food & Drug Administration authorized Covidien to market Kendall™ Medi-Trace™ Cadence RTS electrodes as radiotransparent rather than radiolucent product

(b) X-rays were taken at 64 kVp; X-ray reference is aluminum bar at 64 kVp

**Feel Safe to use Medi-Trace™ Cadence Electrodes for Prolonged External Pacing**

- Designed to delay onset of alkaline environment resulting from prolonged external pacing
- Easy to use and simple Pacing Time Calculation Chart supplied with each IFU booklet helps to reduce the risk of “chemical pacing burns”

---

Details information available in:
1. “Study on the X-ray transmission properties of defibrillation electrodes”, performed by Biomedical Engineering Department at Purdue University, USA, July 2003.
The full range
Medi-Trace™ Multi Function ‘Classic’ Electrodes

Medi-Trace™ Multi Function ‘Classic’ electrodes
Standard, high quality electrodes for any hospital or emergency application – available for most common defibrillators

Medi-Trace™ Cadence RTS
Multi Function Electrodes (Radio-transparent)
Nickel-Carbon leadwires are designed to achieve excellent radiotransparence under X-ray

Medi-Trace™ Cadence-PC
Multi Function Electrodes (Pre-Connect)
Electrodes designed particularly for emergency use – allow direct pre-connection to defibrillator before the pouch is opened

FOR FURTHER INFORMATION, PLEASE CONTACT YOUR LOCAL COVIDIEN REPRESENTATIVE