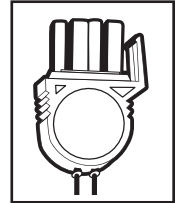


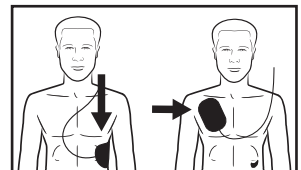
# Kendall™

## 20550 Adult Multi-Function Defibrillation Electrodes

### Radiotransparent



- EN – 20550 Adult Multi-Function Defibrillation Electrodes • Radiotransparent  
Compatible with LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- FR – 20550 Électrodes de défibrillation multifonctions pour adulte • Radiotransparentes  
Compatible avec LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- DE – 20550 Multifunktionale Defibrillationselektroden für Erwachsene • Strahlendurchlässig  
Kompatibel mit LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- IT – 20550 Elettrodi multifunzione per defibrillazione per adulti • Radiotrasparenti  
Compatibile con LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- ES – Electrodo de desfibrilación multifunción para adultos 20550 • Radiotransparentes  
Compatible con LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- SV – 20550 Multifunktionselektroder för defibrillering för vuxna • Röntgengenomskinlig  
Kompatibel med LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- NL – 20550 Multifunctionele defibrillatie-elektroden voor volwassenen • Radiotransparent  
Kompatibel met de LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus en LP EXPRESS
- PT – Eléctrodos para desfibrilhação multi-função para adultos 20550 • Radiotransparentes  
Compatível com LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- FI – 20550 Aikuisten monitoimidefibrillaatioelektrodit • Röntgennegatiivinen  
Yhteensopiva seuraavien mallien kanssa: LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- DA – 20550 Multifunktionselektroder til defibrillering af voksne • Røntgentransparent  
Kompatibel med LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- EL – 20550 Ηλεκτρόδια απινίδωσης ενηλίκων πολλαπλών λειτουργιών • Ακτινοδιαπερατά  
Συμβατό με LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- CS – 20550 Multifunkční defibrilační elektrody pro dospělé • Rentgenpropustné  
Kompatibilní s položkami LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- HU – 20550 Többfunkciós felnőtt defibrillátor elektródák • Sugáráteresztő  
A következőkkel kompatibilis: LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- RU – Многофункциональные дефибрилляционные электроды для взрослых 20550 • Рентгенопрозрачные  
Совместимы с моделями LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- PL – Elektrody wielofunkcyjne do defibrylacji dorosłych 20550 • Radioprzeziernie  
Zgodne z modelami LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- TR – 20550 Yetişkin Çok İşlevli Defibrilasyon Elektrotları • Radyotransparan  
LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS ile uyumludur
- NO – 20550 Multifunksjonselektroder til defibrillering for voksne • Røntgengenomtregelig  
Kompatibelt med LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS



≥ 8 years or ≥ 25 kg (55 lbs.)

## 20550 Adult Multi-Function Defibrillation Electrodes • Radiopaque

### Introduction:

- Use separate ECG electrodes when performing noninvasive pacing.
- Refer to the Defibrillator user's guide for specific procedures.

### Indications:

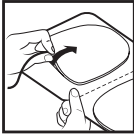
The Multi-Function Defibrillation Electrodes are intended to transfer energy from a cardiac defibrillator or pacer to the body of a patient for the purpose of defibrillation, synchronized cardioversion, pacing, or for ECG monitoring.

### Instructions:

Replace the electrode pads after 24 hours on skin, 50 defibrillation shocks, or 1 hour of pacing. Replace electrodes sooner if irritation or burns occur.



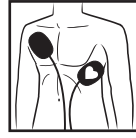
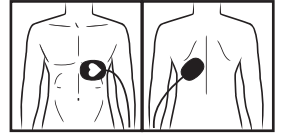
Prep



Peel



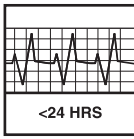
Adhere

Anterior-Lateral  
Placement

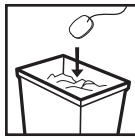
Anterior-Posterior Placement



Connect



Monitor &lt;24 Hours



Dispose

### Warnings:

- Do not use these electrodes with hand-held paddles.
- Do not use dried out or damaged disposable defibrillation electrodes. Use of dry or damaged defibrillation electrodes may result in patient skin burns and electrical arcs.
- Do not use in the presence of Magnetic Resonance Imaging (MRI) device.
- Ensure that all personnel are clear of the patient area and other conductive material before discharging the defibrillator to avoid accidental shock.
- When operating defibrillators close to oxygen sources and other flammable gases or anesthetics, use extreme caution to avoid potential fire or explosion.

### Precautions:

- After 1 hour of pacing at max current/max rate, Defibrillation Recovery results at 60 seconds may range from 475 mv to 846 mv. The use of separate ECG electrodes is recommended when performing noninvasive pacing as there may be a delay in acquiring an accurate ECG trace immediately following a defibrillation shock.
- Do not immerse in water or fluids, sterilize or clean.
- Do not overlap or fold.
- Apply so entire electrode adheres to skin.
- Ensure electrodes fit completely on the patient's torso. Electrodes should not touch.
- Check cable connector for damage prior to use. Do not use if damaged.
- Do not place electrode over broken skin.
- Do not crush or store under heavy objects.
- Do not open package until immediately prior to use.
- Electrodes are not repositionable.
- Check expiration date on package regularly. Do not use if beyond the expiration date.
- Misuse or misapplication of any electrode pad may result in patient burns or ineffective therapy.
- This product is designed for patients  $\geq 8$  years or  $\geq 25$  kg (55 lbs.)

### Disposal:

Follow facility protocol for proper disposal of medical waste.

"For a patient/user/third party in the European Union and in countries with identical regulatory regime (Regulation 2017/745/EU on Medical Devices); if, during the use of this device or as a result of its use, a serious incident has occurred, please report it to the manufacturer and/or its authorised representative and to your national authority."

This device is intended to be used by trained medical personnel (paramedics, nurses, doctors etc.). However, if connected to automated external defibrillators (AEDs), the defibrillator electrodes may also be used by laypersons in the absence of a medical professional.

This product cannot be adequately cleaned and/or sterilized by the user in order to facilitate safe reuse, and is therefore intended for single use. Attempts to clean or sterilize these devices may result in a bio-incompatibility, infection or product failure risks to the patient.

Do not use if package is opened or damaged. • MR Unsafe – an item that is known to pose hazards in all MR environments. Not made with natural rubber latex • Not made with DEHP • Type BF applied part • Dangerous Voltage • Medical Device



**Rx ONLY**



Do not use if package is opened or damaged



Caution



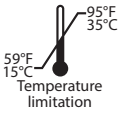
MR Unsafe



Not made with natural rubber latex



Not made with DEHP



Temperature limitation



Keep away from sunlight



Keep dry



Type BF applied part



Dangerous Voltage



Medical Device

**Cardinal Health 200, LLC**  
3651 Birchwood Drive, Waukegan, IL 60085 USA  
2020-08 • cardinalhealth.com  
Origin: USA • PT00093544

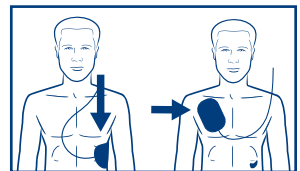
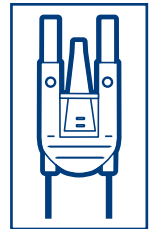


# Kendall™

## 20770 Adult Multi-Function Defibrillation Electrodes

### Radiotransparent

- EN – 20770 Adult Multi-Function Defibrillation Electrodes • Radiotransparent  
Compatible with R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- FR – 20770 Électrodes de défibrillation multifonctions pour adulte • Radiotransparentes  
Compatible avec Série R BLS • Série R Plus • Série R ALS • Série X • Propaq™ MD
- DE – 20770 Multifunktionale Defibrillationselektroden für Erwachsene • Strahlendurchlässig  
Kompatibel mit R Serie BLS • R Serie Plus • R Serie ALS • X Serie • Propaq™ MD
- IT – 20770 Elettrodi multifunzione per defibrillazione per adulti • Radiotrasparenti  
Compatibile con serie R BLS • serie R Plus • serie R ALS • serie X • Propaq™ MD
- ES – Electrodo de desfibrilación multifunción para adultos 20770 • Radiotransparentes  
Compatible con serie R BLS • serie R Plus • serie R ALS • serie X • Propaq™ MD
- SV – 20770 Multifunktionselektroder för defibrillering för vuxna • Röntgengenomskinlig  
Kompatibel med R-serien BLS • R-serien Plus • R-serien ALS • X-serien • Propaq™ MD
- NL – 20770 Multifunctionele defibrillatie-elektroden voor volwassenen • Radiotransparent  
Kompatibel met de R-serie BLS • R-serie Plus • R-serie ALS en X-serie • Propaq™ MD
- PT – Eléctrodo para desfibrilhação multi-função para adultos 20770 • Radiotransparentes  
Compatível com R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- FI – 20770 Aikuisten monitoimidefibrillaatioelektrodit • Röntgennegatiivinen  
Yhteensopiva seuraavien mallien kanssa: R-sarja BLS • R-sarja Plus • R-sarja ALS • X-sarja • Propaq™ MD
- DA – 20770 Multifunktionselektroder til defibrillering af voksne • Røntgentransparent  
Kompatibel med R-serien BLS • R-serien Plus • R-serien ALS • X-serien • Propaq™ MD
- EL – 20770 Ηλεκτρόδια απινίδωσης ενήλικων πολλαπλών λειτουργιών • Ακτινοδιαπερατά  
Συμβατό με R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- CS – 20770 Multifunkční defibrilační elektrody pro dospělé • Rentgenpropustné  
Kompatibilní s položkami R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- HU – 20770 Többfunkciós felnőtt defibrillátor elektródák • Sugáráteresztő  
A következőkkel kompatibilis: R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- RU – Многофункциональные дефибрилляционные электроды для взрослых 20770  
Рентгенопрозрачные • Совместимы с моделями и устройствами серий R BLS  
R Plus • R ALS • X • Propaq™ MD
- PL – Elektrody wielofunkcyjne do defibrylacji dorosłych 20770 • Radioprzejrzne  
Zgodne z modelami serii R BLS • seria R Plus • seria R ALS i seria X • Propaq™ MD
- TR – 20770 Yetişkin Çok İşlevli Defibrilasyon Elektrotları • Radyotransparan  
R Serisi BLS • R Serisi Plus • R Serisi ALS • X Serisi ile uyumludur • Propaq™ MD
- NO – 20770 Multifunksjonselektroder til defibrillering for voksne  
Røntgengjennomtrengelig • Kompatibel med R Series BLS • R Series Plus  
R Series ALS • X Series • Propaq™ MD



≥ 8 years or ≥ 25 kg (55 lbs.).

## 20770 Adult Multi-Function Defibrillation Electrodes • Radiotransparent

### Introduction:

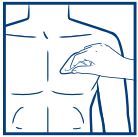
- Use separate ECG electrodes when performing noninvasive pacing.
- Refer to the Defibrillator user's guide for specific procedures.
- Perform System compatibility check of Cardinal Health Electrode/Zoll Defibrillator. Perform compatibility checks after each Defibrillator service or repair (including software and other updates) and as defined in Defibrillator Operator Manual.

### Indications:

The Multi-Function Defibrillation Electrodes are intended to transfer energy from a cardiac defibrillator or pacer to the body of a patient for the purpose of defibrillation, synchronized cardioversion, pacing, or for ECG monitoring.

### Instructions:

Replace the electrode pads after 24 hours on skin, 50 defibrillation shocks, or 1 hour of pacing. Replace electrodes sooner if irritation or burns occur.



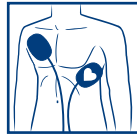
Prep



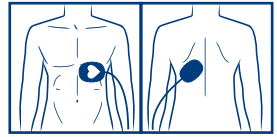
Peel



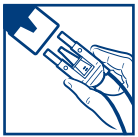
Adhere



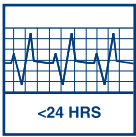
Anterior-Lateral Placement



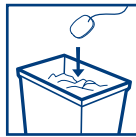
Anterior-Posterior Placement



Connect



Monitor &lt;24 Hours



Dispose

### Warnings:

- Do not use these electrodes with hand-held paddles.
- Do not use dried out or damaged disposable defibrillation electrodes. Use of dry or damaged defibrillation electrodes may result in patient skin burns and electrical arcs.
- Do not use in the presence of Magnetic Resonance Imaging (MRI) device.
- Ensure that all personnel are clear of the patient area and other conductive material before discharging the defibrillator to avoid accidental shock.
- When operating defibrillators close to oxygen sources and other flammable gases or anesthetics, use extreme caution to avoid potential fire or explosion.

### Precautions:

- After 1 hour of pacing at max current/max rate, Defibrillation Recovery results at 60 seconds may range from 475 mv to 846 mv. The use of separate ECG electrodes is recommended when performing noninvasive pacing as there may be a delay in acquiring an accurate ECG trace immediately following a defibrillation shock.
- Do not immerse in water or fluids, sterilize or clean.
- Do not overlap or fold.
- Apply so entire electrode adheres to skin.
- Ensure electrodes fit completely on the patient's torso. Electrodes should not touch.
- Check cable connector for damage prior to use. Do not use if damaged.
- Do not place electrode over broken skin.
- Do not crush or store under heavy objects.
- Do not open package until immediately prior to use.
- Electrodes are not repositionable.
- Check expiration date on package regularly. Do not use if beyond the expiration date.
- Misuse or misapplication of any electrode pad may result in patient burns or ineffective therapy.
- This product is designed for patients  $\geq 8$  years or  $\geq 25$  kg (55 lbs.).

### Disposal:

Follow facility protocol for proper disposal of medical waste.

For a patient/user/third party in the European Union and in countries with identical regulatory regime (Regulation 2017/745/EU on Medical Devices); if, during the use of this device or as a result of its use, a serious incident has occurred, please report it to the manufacturer and/or its authorised representative and to your national authority.

This device is intended to be used by trained medical personnel (paramedics, nurses, doctors etc.). However, if connected to automated external defibrillators (AEDs), the defibrillator electrodes may also be used by laypersons in the absence of a medical professional.

This product cannot be adequately cleaned and/or sterilized by the user in order to facilitate safe reuse, and is therefore intended for single use. Attempts to clean or sterilize these devices may result in a bio-incompatibility, infection or product failure risks to the patient.

Do not use if package is opened or damaged. • MR Unsafe – an item that is known to pose hazards in all MR environments.

Not made with natural rubber latex • Not made with DEHP • Type BF applied part • Dangerous Voltage



**Rx  
ONLY**



Do not use if  
package is opened  
or damaged



Caution



MR Unsafe



Not made  
with natural  
rubber latex



**DEHP**  
Not made  
with DEHP



Temperature  
limitation



Keep away  
from sunlight



Keep dry



Type BF  
applied part



Dangerous Voltage

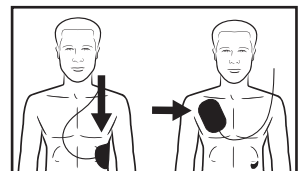
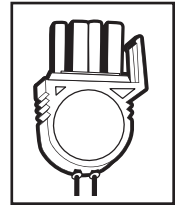
 **Cardinal Health 200, LLC**  
3651 Birchwood Drive, Waukegan, IL 60085 USA  
2020-08 • cardinalhealth.com  
Origin: USA - PT00093547

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Patent cardinalhealth.com/patents.

# Medi-Trace™

## CADENCE™ Adult Multi-Function Defibrillation Electrodes

- EN – CADENCE™ Adult Multi-Function Defibrillation Electrodes  
Compatible with LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- FR – Électrodes de défibrillation multifonctions CADENCE™ pour adulte  
Compatible avec LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- DE – CADENCE™ Multifunktionale Defibrillationselektroden für Erwachsene  
Kompatibel mit LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- IT – Elettrodi multifunzione per defibrillazione per adulti CADENCE™  
Compatibile con LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- ES – Electrodo de desfibrilación multifunción para adultos CADENCE™  
Compatible con LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- SV – CADENCE™ multifunktionselektroder för defibrillering för vuxna  
Kompatibel med LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- NL – CADENCE™ multifunctionele defibrillatie-elektroden voor volwassenen  
Kompatibel met de LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus en LP EXPRESS
- PT – Eléctrodos para Desfibrilhação Multi-Função para Adultos CADENCE™  
Compatível com LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- FI – Aikuisten CADENCE™-monitoimidefibrillaatioelektrodit  
Yhteensopiva seuraavien mallien kanssa: LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- DA – CADENCE™ multifunktionselektroder til defibrillering af voksne  
Kompatibel med LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- EL – Ηλεκτρόδια απινίδωσης ενηλίκων πολλαπλών λειτουργιών CADENCE™  
Συμβατό με LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- CS – Multifunkční defibrilační elektrody CADENCE™ pro dospělé  
Kompatibilní s položkami LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- HU – CADENCE™ felnőtt betegekhez szolgáló többfunkciós defibrillációs elektródák  
A következőkkel kompatibilis: LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- RU – Многофункциональные дефибрилляционные электроды CADENCE™ для взрослых  
Совместимы с моделями LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- PL – Elektrody wielofunkcyjne do defibrylacji dla dorosłych CADENCE™  
Zgodne z modelami LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- TR – CADENCE™ Yetişkin Çok İşlevli Defibrilasyon Elektrotları  
LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS ile uyumludur
- NO – CADENCE™ Multifunksjonselektroder til defibrillering for voksne  
Kompatibelt med LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS



≥ 8 years or ≥ 25 kg (55 lbs.)

## CADENCE™ Adult Multi-Function Defibrillation Electrodes

Monophasic or BiPhasic Defibrillation/Pacing/ECG Electrode

### Introduction:

- Use separate ECG electrodes when performing noninvasive pacing.
- Refer to the Defibrillator user's guide for specific procedures.

### Indications:

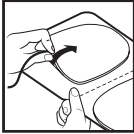
The Multi-Function Defibrillation Electrodes are intended to transfer energy from a cardiac defibrillator or pacer to the body of a patient for the purpose of defibrillation, synchronized cardioversion, pacing, or for ECG monitoring.

### Instructions:

Replace the electrode pads after 24 hours on skin or 50 defibrillation shocks. See “Pacing Duration” to determine recommended maximum pacing duration. (Note: Maximum pacing duration is dependent upon pacing rate, current, and pacer waveform.)



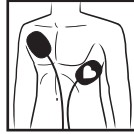
Prep



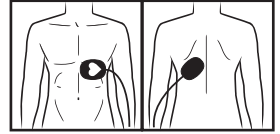
Peel



Adhere



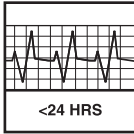
Anterior-Lateral Placement



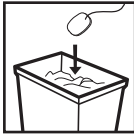
Anterior-Posterior Placement



Connect



Monitor <24 Hours



Dispose


### Warnings:

- Do not use these electrodes with hand-held paddles.
- Do not use dried out or damaged disposable defibrillation electrodes. Use of dry or damaged defibrillation electrodes may result in patient skin burns and electrical arcs.
- Do not use in the presence of Magnetic Resonance Imaging (MRI) device.
- Ensure that all personnel are clear of the patient area and other conductive material before discharging the defibrillator to avoid accidental shock.
- When operating defibrillators close to oxygen sources and other flammable gases or anesthetics, use extreme caution to avoid potential fire or explosion.

### Precautions:

- Do not immerse in water or fluids, sterilize or clean.
- Do not overlap or fold.
- Apply so entire electrode adheres to skin.
- Ensure electrodes fit completely on the patient's torso. Electrodes should not touch.
- Check cable connector for damage prior to use. Do not use if damaged.
- Do not place electrode over broken skin.
- Do not crush or store under heavy objects.
- Do not open package until immediately prior to use.
- Electrodes are not repositionable.
- Check expiration date on package regularly. Do not use if beyond the expiration date.
- Misuse or misapplication of any electrode pad may result in patient burns or ineffective therapy.
- This product is designed for patients  $\geq 8$  years or  $\geq 25$  kg (55 lbs.).

This product cannot be adequately cleaned and/or sterilized by the user in order to facilitate safe reuse, and is therefore intended for single use. Attempts to clean or sterilize these devices may result in a bio-incompatibility, infection or product failure risks to the patient.

Do not use if package is opened or damaged. • MR Unsafe – an item that is known to pose hazards in all MR environments. • Not made with natural rubber latex • Not made with DEHP • Type BF applied part  
 Dangerous Voltage •  Medical Device



**Pacing Duration:**

Use the tables below to determine recommended maximum pacing duration. Select the table appropriate for the pacemaker equipment to be used. Select the row corresponding to the desired Pacing Rate in pulses-per-minute. Select the column corresponding to the desired Pulse Amplitude in milliamperes. The intersection of the row and column provides an estimate of the maximum recommended pacing duration in hours.

**Recommended Maximum Pacing Duration for MEDI-TRACE™ CADENCE™ Electrodes (In Hours)****Using Pacemakers with 20ms pulse width**

Pulse Amplitude (mA)

	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
30	24	24	24	24	23	20	18	16	15	13	12	11	11	10	9	9	8	8
40	24	24	24	20	17	15	13	12	11	10	9	9	8	8	7	7	6	6
50	24	24	19	16	14	12	11	10	9	8	7	7	6	6	6	5	5	5
60	24	20	16	13	11	10	9	8	7	7	6	6	5	5	5	4	4	4
70	23	17	14	11	10	9	8	7	6	6	5	5	5	4	4	4	4	3
80	20	15	12	10	9	8	7	6	5	5	5	4	4	4	4	3	3	3
90	18	13	11	9	8	7	6	5	5	4	4	4	4	3	3	3	3	3
100	16	12	10	8	7	6	5	5	4	4	4	3	3	3	3	3	3	2
110	15	11	9	7	6	5	5	4	4	4	3	3	3	3	3	2	2	2
120	13	10	8	7	6	5	4	4	4	3	3	3	3	3	2	2	2	2
130	12	9	7	6	5	5	4	4	3	3	3	3	2	2	2	2	2	2
140	11	9	7	6	5	4	4	3	3	3	3	2	2	2	2	2	2	2
150	11	8	6	5	5	4	4	3	3	3	2	2	2	2	2	2	2	2
160	10	8	6	5	4	4	3	3	3	2	2	2	2	2	2	2	2	2
170	9	7	6	5	4	4	3	3	2	2	2	2	2	2	2	1	1	1
180	9	7	5	4	4	3	3	3	2	2	2	2	2	2	2	1	1	1

**Using Pacemakers with 40ms pulse width**

Pulse Amplitude (mA)

	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
30	24	20	16	13	11	10	9	8	7	7	6	6	5	5	5	4	4	4
40	20	15	12	10	9	8	7	6	5	5	5	4	4	4	4	3	3	3
50	16	12	10	8	7	6	5	5	4	4	4	3	3	3	3	3	3	2
60	13	10	8	7	6	5	4	4	4	3	3	3	3	3	2	2	2	2
70	11	9	7	6	5	4	4	3	3	3	3	2	2	2	2	2	2	2
80	10	8	6	5	4	4	3	3	3	2	2	2	2	2	2	2	2	2
90	9	7	5	4	4	3	3	3	2	2	2	2	2	2	2	1	1	1
100	8	6	5	4	3	3	3	2	2	2	2	2	2	2	1	1	1	1
110	7	5	4	4	3	3	2	2	2	2	2	2	1	1	1	1	1	1
120	7	5	4	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1
130	6	5	4	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1
140	6	4	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1
150	5	4	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1
160	5	4	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1
170	5	4	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
180	4	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1

**Disposal:**

Follow facility protocol for proper disposal of medical waste.

For a patient/user/third party in the European Union and in countries with identical regulatory regime (Regulation 2017/745/EU on Medical Devices); if, during the use of this device or as a result of its use, a serious incident has occurred, please report it to the manufacturer and/or its authorised representative and to your national authority.

This device is intended to be used by trained medical personnel (paramedics, nurses, doctors etc.).

However, if connected to automated external defibrillators (AEDs), the defibrillator electrodes may also be used by laypersons in the absence of a medical professional.



Single use

**Rx ONLY**



Do not use if package is opened or damaged



Caution



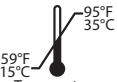
MR Unsafe



Not made with natural rubber latex



DEHP  
Not made with DEHP



Temperature limitation



Keep away from sunlight



Keep dry



Type BF applied part



Dangerous Voltage



Medical Device

 **Cardinal Health 200, LLC**  
3651 Birchwood Drive, Waukegan, IL 60085 USA  
2020-08 • cardinalhealth.com  
PT00093600

 **Cardinal Health Ireland Manufacturing Limited**  
Tullamore Business & Technology Park  
Tullamore, County Offaly, R35 H903 Ireland



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Patent cardinalhealth.com/patents.





CardinalHealth™

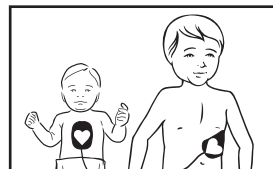
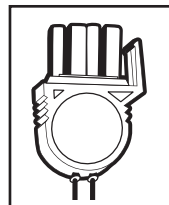
REF 22550P

# Medi-Trace™

## CADENCE™ Pediatric Multi-Function Defibrillation Electrodes

Radiotransparent

- EN – CADENCE™ Pediatric Multi-Function Defibrillation Electrodes  
Radiotransparent • Compatible with LP 15 • LP 20 • LP 20E
- FR – Électrodes de défibrillation multifonctions CADENCE™ pour enfant  
Radiotransparentes • Compatible avec LP 15 • LP 20 • LP 20E
- DE – CADENCE™ Multifunktionale Defibrillationselektroden für Kinder  
Strahlendurchlässig • Kompatibel mit LP 15 • LP 20 • LP 20E
- IT – Elettrodi multifunzione per defibrillazione per pediatria CADENCE™  
Radiotrasparenti • Compatibile con LP 15 • LP 20 • LP 20E
- ES – Electrodo de desfibrilación multifunción pediátricos CADENCE™  
Radiotransparentes • Compatible con LP 15 • LP 20 • LP 20E
- SV – CADENCE™ multifunktionselektroder för defibrillering för barn  
Röntgentransparent • Kompatibel med LP 15 • LP 20 • LP 20E
- NL – CADENCE™ multifunctionele defibrillatie-elektroden voor kinderen  
Radiotransparant • Kompatibel met de LP 15 • LP 20 • LP 20E
- PT – Eléctrodos para Desfibrilhação Multi-Função Pediátricos CADENCE™  
Radiotransparente • Compatível com LP 15 • LP 20 • LP 20E
- FI – Lasten CADENCE™-monitoimidefibrillaatioelektrodit  
Röntgennegatiivinen • Yhteensopiva seuraavien mallien kanssa: LP 15 • LP 20 • LP 20E
- DA – CADENCE™ pædiatriske multifunktionselektroder til defibrillering  
Røntgentransparent • Kompatibel med LP 15 • LP 20 • LP 20E
- EL – Ηλεκτρόδια απινίδωσης πολλαπλών λειτουργιών, παιδιατρικά, CADENCE™  
Ακτινοδιαπερατά • Συμβατό με LP 15 • LP 20 • LP 20E
- CS – Multifunkční defibrilační elektrody CADENCE™ pro děti  
Rentgenpropustné • Kompatibilní s položkami LP 15 • LP 20 • LP 20E
- HU – CADENCE™ többfunkciós gyermekgyógyászati defibrillációs elektródák  
Sugáráteresztő • A következőkkel kompatibilis: LP 15 • LP 20 • LP 20E
- RU – Педиатрические многофункциональные дефибрилляционные электроды CADENCE™  
Рентгенопрозрачные • Совместимы с моделями LP 15 • LP 20 • LP 20E
- PL – Pediaryczne wielofunkcyjne elektrody do defibrylacji CADENCE™  
Niecieniodajny • Zgodne z modelami LP 15 • LP 20 • LP 20E
- TR – CADENCE™ Pediyatrik Çok İşlevli Defibrilasyon Elektrotları  
Radyotransparan • LP 15 • LP 20 • LP 20E ile uyumludur
- NO – CADENCE™ Multifunksjonselektroder til defibrillering for barn  
Røntgentransparent • Kompatibelt med LP 15 • LP 20 • LP 20E



< 8 years or < 25 kg (55 lbs.)

**CADENCE™ Pediatric Multi-Function Defibrillation Electrodes • Radiotransparent**

Monophasic or BiPhasic Defibrillation/Pacing/ECG Electrode

**Introduction:**

- Use separate ECG electrodes when performing noninvasive pacing.
- Refer to the Defibrillator user's guide for specific procedures.

**Indications:**

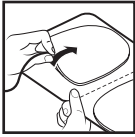
The Multi-Function Defibrillation Electrodes are intended to transfer energy from a cardiac defibrillator or pacer to the body of a patient for the purpose of defibrillation, synchronized cardioversion, pacing, or for ECG monitoring.

**Instructions:**

Replace the electrode pads after 24 hours on skin, 25 defibrillation shocks, or 1 hour of pacing. Replace electrodes sooner if irritation or burns occur.



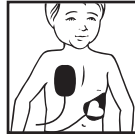
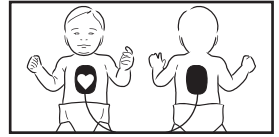
Prep



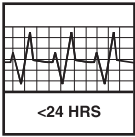
Peel



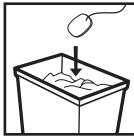
Adhere

Anterior-Lateral  
PlacementAnterior-Posterior  
Placement

Connect



Monitor &lt;24 Hours



Dispose

**Warnings:**

- Do not use these electrodes with hand-held paddles.
- Do not use dried out or damaged disposable defibrillation electrodes. Use of dry or damaged defibrillation electrodes may result in patient skin burns and electrical arcs.
- Do not exceed 100 J while defibrillating. Use local protocol or American Heart Association guidelines to select appropriate defibrillation energy level corresponding to patient's body weight.
- Do not use in the presence of Magnetic Resonance Imaging (MRI) device.
- Ensure that all personnel are clear of the patient area and other conductive material before discharging the defibrillator to avoid accidental shock.
- When operating defibrillators close to oxygen sources and other flammable gases or anesthetics, use extreme caution to avoid potential fire or explosion.

**Precautions:**

- Do not immerse in water or fluids, sterilize or clean.
- Do not overlap or fold.
- Apply so entire electrode adheres to skin.
- Ensure electrodes fit completely on the patient's torso. Electrodes should not touch.
- Check cable connector for damage prior to use. Do not use if damaged.
- Do not place electrode over broken skin.
- Do not crush or store under heavy objects.
- Do not open package until immediately prior to use.
- Electrodes are not repositionable.
- Check expiration date on package regularly. Do not use if beyond the expiration date.
- Misuse or misapplication of any electrode pad may result in patient burns or ineffective therapy.
- This product is designed for patients < 8 years or < 25 kg (55 lbs.).

**Disposal:**

Follow facility protocol for proper disposal of medical waste.

For a patient/user/third party in the European Union and in countries with identical regulatory regime (Regulation 2017/745/EU on Medical Devices); if, during the use of this device or as a result of its use, a serious incident has occurred, please report it to the manufacturer and/or its authorised representative and to your national authority.

This device is intended to be used by trained medical personnel (paramedics, nurses, doctors etc.). However, if connected to automated external defibrillators (AEDs), the defibrillator electrodes may also be used by laypersons in the absence of a medical professional.

This product cannot be adequately cleaned and/or sterilized by the user in order to facilitate safe reuse, and is therefore intended for single use. Attempts to clean or sterilize these devices may result in a bio-incompatibility, infection or product failure risks to the patient.

Do not use if package is opened or damaged. • MR Unsafe – an item that is known to pose hazards in all MR environments. Not made with natural rubber latex • Not made with DEHP • Type BF applied part • Dangerous Voltage • Medical Device



**Rx ONLY**

Single use



Do not use if package is opened or damaged



Caution



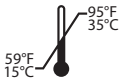
MR Unsafe



Not made with natural rubber latex



**DEHP**  
Not made with DEHP



Temperature limitation



Keep away from sunlight



Keep dry



Type BF applied part



Dangerous Voltage



Medical Device

 **Cardinal Health 200, LLC**  
3651 Birchwood Drive, Waukegan, IL 60085 USA  
2020-08 • cardinalhealth.com  
PT00093614

 **Cardinal Health Ireland Manufacturing Limited**  
Tullamore Business & Technology Park  
Tullamore, County Offaly, R35 H903 Ireland



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Patent cardinalhealth.com/patents.





CardinalHealth™

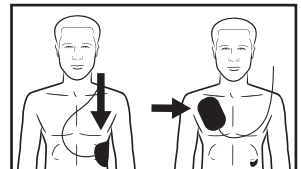
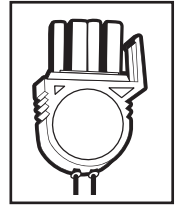
REF 22550PC

# Medi-Trace™

## CADENCE™ Adult Multi-Function Defibrillation Electrodes

Pre-connect

- EN – CADENCE™ Adult Multi-Function Defibrillation Electrodes • Pre-connect  
Compatible with LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- FR – Électrodes de défibrillation multifonctions CADENCE™ pour adulte • Pré-connectées  
Compatible avec LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- DE – CADENCE™ Multifunktionale Defibrillationselektroden für Erwachsene • Voranschluss  
Kompatibel mit LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- IT – Elettrodi multifunzione per defibrillazione per adulti CADENCE™ • Pre-conessione  
Compatibile con LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- ES – Electrodo de desfibrilación multifunción para adultos CADENCE™ • Preconectados  
Compatible con LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- SV – CADENCE™ multifunktionselektroder för defibrillering för vuxna • Med vidhängande kabel och kontakt  
Kompatibel med LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- NL – CADENCE™ multifunctionele defibrillatie-elektroden voor volwassenen • Vooraf aan te sluiten  
Kompatibel met de LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus en LP EXPRESS
- PT – Eléctrodos para Desfibrilhação Multi-Função para Adultos CADENCE™ • Pré-ligação  
Compatível com LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- FI – Aikuisten CADENCE™-monitoimidefibrillaatioelektrodit • Valmiiksi liitettävä  
Yhteensopiva seuraavien mallien kanssa: LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- DA – CADENCE™ multifunktionselektroder til defibrillering af voksne • Fortilsluttet  
Kompatibel med LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- EL – Ηλεκτρόδια απινίδωσης ενηλίκων πολλαπλών λειτουργιών CADENCE™ • Για σύνδεση εκ των προτέρων  
Συμβατό με LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- CS – Multifunkční defibrilační elektrody CADENCE™ pro dospělé • Předpřipojené  
Kompatibilní s položkami LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- HU – CADENCE™ felnőtt betegkehez szolgáló többfunkciós defibrillációs elektródák • Előcsatlakoztatott  
A következőkkel kompatibilis: LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- RU – Многофункциональные дефибрилляционные электроды CADENCE™ для взрослых  
С возможностью предварительного подключения  
Совместимы с моделями LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- PL – Elektrody wielofunkcyjne do defibrylacji dla dorosłych CADENCE™ • Element do wstępnego podłączenia  
Zgodne z modelami LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- TR – CADENCE™ Yetişkin Çok İşlevli Defibrilasyon Elektrotları • Ön Bağlama  
LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS ile uyumludur
- NO – CADENCE™ Multifunksjonselektroder til defibrillering for voksne  
Forhåndstilkobling • Kompatibelt med LP 15 • LP 20 • LP 20E • LP 1000  
LP CR Plus • LP EXPRESS



≥ 8 years or ≥ 25 kg (55 lbs.)

**CADENCE™ Adult Multi-Function Defibrillation Electrodes • Pre-connect**

Monophasic or BiPhasic Defibrillation/Pacing/ECG Electrode

**Introduction:**

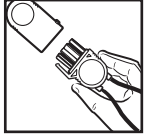
- Use separate ECG electrodes when performing noninvasive pacing.
- Refer to the Defibrillator user's guide for specific procedures.

**Indications:**

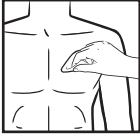
The Multi-Function Defibrillation Electrodes are intended to transfer energy from a cardiac defibrillator or pacer to the body of a patient for the purpose of defibrillation, synchronized cardioversion, pacing, or for ECG monitoring.

**Instructions:**

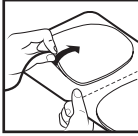
Replace the electrode pads after 24 hours on skin or 50 defibrillation shocks. See “Pacing Duration” to determine recommended maximum pacing duration. (Note: Maximum pacing duration is dependent upon pacing rate, current, and pacer waveform.)



Connect



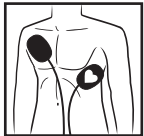
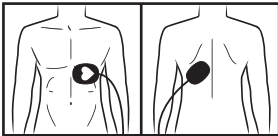
Prep



Peel



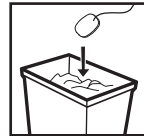
Adhere

Anterior-Lateral  
Placement

Anterior-Posterior Placement



Monitor &lt;24 Hours



Dispose


**Warnings:**

- Do not use these electrodes with hand-held paddles.
- Do not use dried out or damaged disposable defibrillation electrodes. Use of dry or damaged defibrillation electrodes may result in patient skin burns and electrical arcs.
- Do not use in the presence of Magnetic Resonance Imaging (MRI) device.
- Ensure that all personnel are clear of the patient area and other conductive material before discharging the defibrillator to avoid accidental shock.
- When operating defibrillators close to oxygen sources and other flammable gases or anesthetics, use extreme caution to avoid potential fire or explosion.

**Precautions:**

- Do not immerse in water or fluids, sterilize or clean.
- Do not overlap or fold.
- Apply so entire electrode adheres to skin.
- Ensure electrodes fit completely on the patient's torso. Electrodes should not touch.
- Check cable connector for damage prior to use. Do not use if damaged.
- Do not place electrode over broken skin.
- Do not crush or store under heavy objects.
- Do not open package until immediately prior to use.
- Electrodes are not repositionable.
- Check expiration date on package regularly. Do not use if beyond the expiration date.
- Misuse or misapplication of any electrode pad may result in patient burns or ineffective therapy.
- This product is designed for patients  $\geq 8$  years or  $\geq 25$  kg (55 lbs.).

This product cannot be adequately cleaned and/or sterilized by the user in order to facilitate safe reuse, and is therefore intended for single use. Attempts to clean or sterilize these devices may result in a bio-incompatibility, infection or product failure risks to the patient.

Do not use if package is opened or damaged. • MR Unsafe – an item that is known to pose hazards in all MR environments. • Not made with natural rubber latex • Not made with DEHP • Type BF applied part  
Dangerous Voltage •  Medical Device

**Pacing Duration:**

Use the tables below to determine recommended maximum pacing duration. Select the table appropriate for the pacemaker equipment to be used. Select the row corresponding to the desired Pacing Rate in pulses-per-minute. Select the column corresponding to the desired Pulse Amplitude in milliamperes. The intersection of the row and column provides an estimate of the maximum recommended pacing duration in hours.

**Recommended Maximum Pacing Duration for MEDI-TRACE™ CADENCE™ Electrodes (In Hours)**

**Using Pacemakers with 20ms pulse width**

Pulse Amplitude (mA)

	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	
Pacing Rate (ppm)	30	24	24	24	24	23	20	18	16	15	13	12	11	11	10	9	9	8	8
	40	24	24	24	20	17	15	13	12	11	10	9	9	8	8	7	7	6	6
	50	24	24	19	16	14	12	11	10	9	8	7	7	6	6	5	5	5	5
	60	24	20	16	13	11	10	9	8	7	7	6	6	5	5	5	4	4	4
	70	23	17	14	11	10	9	8	7	6	6	5	5	5	4	4	4	4	3
	80	20	15	12	10	9	8	7	6	5	5	5	4	4	4	4	3	3	3
	90	18	13	11	9	8	7	6	5	5	4	4	4	4	3	3	3	3	3
	100	16	12	10	8	7	6	5	5	4	4	4	3	3	3	3	3	3	2
	110	15	11	9	7	6	5	5	4	4	4	3	3	3	3	3	2	2	2
	120	13	10	8	7	6	5	4	4	4	3	3	3	3	3	2	2	2	2
	130	12	9	7	6	5	5	4	4	3	3	3	3	2	2	2	2	2	2
	140	11	9	7	6	5	4	4	3	3	3	3	2	2	2	2	2	2	2
	150	11	8	6	5	5	4	4	3	3	3	2	2	2	2	2	2	2	2
	160	10	8	6	5	4	4	3	3	3	3	2	2	2	2	2	2	2	2
	170	9	7	6	5	4	4	3	3	3	2	2	2	2	2	2	2	1	1
	180	9	7	5	4	4	3	3	3	2	2	2	2	2	2	2	1	1	1

**Using Pacemakers with 40ms pulse width**

Pulse Amplitude (mA)

	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	
Pacing Rate (ppm)	30	24	20	16	13	11	10	9	8	7	7	6	6	5	5	4	4	4	4
	40	20	15	12	10	9	8	7	6	5	5	4	4	4	4	3	3	3	3
	50	16	12	10	8	7	6	5	5	4	4	4	3	3	3	3	3	3	2
	60	13	10	8	7	6	5	4	4	4	3	3	3	3	3	2	2	2	2
	70	11	9	7	6	5	4	4	3	3	3	3	2	2	2	2	2	2	2
	80	10	8	6	5	4	4	3	3	3	3	2	2	2	2	2	2	2	2
	90	9	7	5	4	4	3	3	3	2	2	2	2	2	2	2	1	1	1
	100	8	6	5	4	3	3	3	2	2	2	2	2	2	2	1	1	1	1
	110	7	5	4	4	3	3	2	2	2	2	2	2	1	1	1	1	1	1
	120	7	5	4	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1
	130	6	5	4	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1
	140	6	4	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1
	150	5	4	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1
	160	5	4	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1
	170	5	4	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
	180	4	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1

**Disposal:**

Follow facility protocol for proper disposal of medical waste.

For a patient/user/third party in the European Union and in countries with identical regulatory regime (Regulation 2017/745/EU on Medical Devices); if, during the use of this device or as a result of its use, a serious incident has occurred, please report it to the manufacturer and/or its authorised representative and to your national authority.

This device is intended to be used by trained medical personnel (paramedics, nurses, doctors etc.). However, if connected to automated external defibrillators (AEDs), the defibrillator electrodes may also be used by laypersons in the absence of a medical professional.





Single use

**Rx**  
**ONLY**



Do not use if  
package is opened  
or damaged



Caution



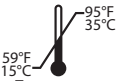
MR Unsafe



Not made  
with natural  
rubber latex



**DEHP**  
Not made  
with DEHP



Temperature  
limitation



Keep away  
from sunlight



Keep dry



Type BF  
applied part



Dangerous Voltage



Medical Device

 **Cardinal Health 200, LLC**  
3651 Birchwood Drive, Waukegan, IL 60085 USA  
2020-08 • cardinalhealth.com  
PT00093997

 **Cardinal Health  
Ireland Manufacturing Limited**  
Tullamore Business & Technology Park  
Tullamore, County Offaly, R35 H903 Ireland



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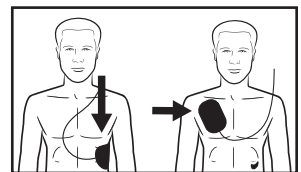
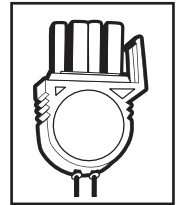
REF 22550R

# Medi-Trace™

## CADENCE™ Adult Multi-Function Defibrillation Electrodes

Radiotransparent

- EN – CADENCE™ Adult Multi-Function Defibrillation Electrodes • Radiotransparent  
Compatible with LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- FR – Électrodes de défibrillation multifonctions CADENCE™ pour adulte • Radiotransparentes  
Compatible avec LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- DE – CADENCE™ Multifunktionale Defibrillationselektroden für Erwachsene  
Strahlendurchlässig • Kompatibel mit LP 15 • LP 20 • LP 20E • LP 1000  
LP CR Plus • LP EXPRESS
- IT – Elettrodi multifunzione per defibrillazione per adulti CADENCE™ • Radiotrasparenti  
Compatibile con LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- ES – Electrodo de desfibrilación multifunción para adultos CADENCE™ • Radiotransparentes  
Compatible con LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- SV – CADENCE™ multifunktionselektroder för defibrillering för vuxna • Röntgentransparent  
Kompatibel med LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- NL – CADENCE™ multifunctionele defibrillatie-elektroden voor volwassenen • Radiotransparent  
Compatibel met de LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus en LP EXPRESS
- PT – Eléctrodos para Desfibrilhação Multi-Função para Adultos CADENCE™ • Radiotransparente  
Compatível com LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- FI – Aikuisten CADENCE™-monitoimidefibrillaatioelektrodit • Röntgennegatiivinen  
Yhteensopiva seuraavien mallien kanssa: LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- DA – CADENCE™ multifunktionselektroder til defibrillering af voksne • Røntgentransparent  
Kompatibel med LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- EL – Ηλεκτρόδια απινίδωσης ενηλίκων πολλαπλών λειτουργιών CADENCE™ • Ακτινοδιαπερατά  
Συμβατό με LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- CS – Multifunkční defibrilační elektrody CADENCE™ pro dospělé • Rentgenpropustné  
Kompatibilní s položkami LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- HU – CADENCE™ felnőtt betegekhez szolgáló többfunkciós defibrillációs elektródák • Sugáráteresztő  
A következőkkel kompatibilis: LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- RU – Многофункциональные дефибрилляционные электроды CADENCE™ для взрослых  
Рентгенопрозрачные • Совместимы с моделями LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- PL – Elektrody wielofunkcyjne do defibrylacji dla dorosłych CADENCE™ • Niecieniodajne  
Zgodne z modelami LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- TR – CADENCE™ Yetişkin Çok İşlevli Defibrilasyon Elektrotları  
Radyotransparan • LP 15 • LP 20 • LP 20E • LP 1000  
LP CR Plus • LP EXPRESS ile uyumludur
- NO – CADENCE™ Multifunksjonselektroder til defibrillering for voksne  
Røntgentransparent • Kompatibelt med LP 15 • LP 20 • LP 20E  
LP 1000 • LP CR Plus • LP EXPRESS



≥ 8 years or ≥ 25 kg (55 lbs.)

## CADENCE™ Adult Multi-Function Defibrillation Electrodes • Radiotransparent

Monophasic or BiPhasic Defibrillation/Pacing/ECG Electrode

### Introduction:

- Use separate ECG electrodes when performing noninvasive pacing.
- Refer to the Defibrillator user's guide for specific procedures.

### Indications:

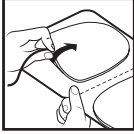
The Multi-Function Defibrillation Electrodes are intended to transfer energy from a cardiac defibrillator or pacer to the body of a patient for the purpose of defibrillation, synchronized cardioversion, pacing, or for ECG monitoring.

### Instructions:

Replace the electrode pads after 24 hours on skin or 50 defibrillation shocks. See “Pacing Duration” to determine recommended maximum pacing duration. (Note: Maximum pacing duration is dependent upon pacing rate, current, and pacer waveform.)



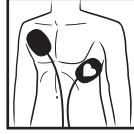
Prep



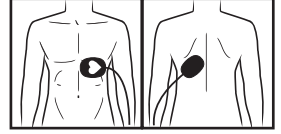
Peel



Adhere



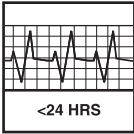
Anterior-Lateral  
Placement



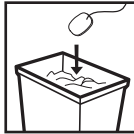
Anterior-Posterior Placement



Connect



Monitor <24 Hours



Dispose


### Warnings:

- Do not use these electrodes with hand-held paddles.
- Do not use dried out or damaged disposable defibrillation electrodes. Use of dry or damaged defibrillation electrodes may result in patient skin burns and electrical arcs.
- Do not use in the presence of Magnetic Resonance Imaging (MRI) device.
- Ensure that all personnel are clear of the patient area and other conductive material before discharging the defibrillator to avoid accidental shock.
- When operating defibrillators close to oxygen sources and other flammable gases or anesthetics, use extreme caution to avoid potential fire or explosion.

### Precautions:

- Do not immerse in water or fluids, sterilize or clean.
- Do not overlap or fold.
- Apply so entire electrode adheres to skin.
- Ensure electrodes fit completely on the patient's torso. Electrodes should not touch.
- Check cable connector for damage prior to use. Do not use if damaged.
- Do not place electrode over broken skin.
- Do not crush or store under heavy objects.
- Do not open package until immediately prior to use.
- Electrodes are not repositionable.
- Check expiration date on package regularly. Do not use if beyond the expiration date.
- Misuse or misapplication of any electrode pad may result in patient burns or ineffective therapy.
- This product is designed for patients  $\geq 8$  years or  $\geq 25$  kg (55 lbs.).

This product cannot be adequately cleaned and/or sterilized by the user in order to facilitate safe reuse, and is therefore intended for single use. Attempts to clean or sterilize these devices may result in a bio-incompatibility, infection or product failure risks to the patient.

Do not use if package is opened or damaged. • MR Unsafe – an item that is known to pose hazards in all MR environments. • Not made with natural rubber latex • Not made with DEHP • Type BF applied part  
Dangerous Voltage •  Medical Device

**Pacing Duration:**

Use the tables below to determine recommended maximum pacing duration. Select the table appropriate for the pacemaker equipment to be used. Select the row corresponding to the desired Pacing Rate in pulses-per-minute. Select the column corresponding to the desired Pulse Amplitude in milliamperes. The intersection of the row and column provides an estimate of the maximum recommended pacing duration in hours.

**Recommended Maximum Pacing Duration for MEDI-TRACE™ CADENCE™ Electrodes (In Hours)****Using Pacemakers with 20ms pulse width**

Pulse Amplitude (mA)

Pacing Rate (ppm)	Pulse Amplitude (mA)																			
	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200		
30	24	24	24	24	23	20	18	16	15	13	12	11	11	10	9	9	8	8	8	
40	24	24	24	20	17	15	13	12	11	10	9	9	8	8	7	7	6	6	6	
50	24	24	19	16	14	12	11	10	9	8	7	7	6	6	6	5	5	5	5	
60	24	20	16	13	11	10	9	8	7	7	6	6	5	5	5	4	4	4	4	
70	23	17	14	11	10	9	8	7	6	6	5	5	5	4	4	4	4	4	3	
80	20	15	12	10	9	8	7	6	5	5	5	4	4	4	4	3	3	3	3	
90	18	13	11	9	8	7	6	5	5	4	4	4	4	3	3	3	3	3	3	
100	16	12	10	8	7	6	5	5	4	4	4	3	3	3	3	3	3	3	2	
110	15	11	9	7	6	5	5	4	4	4	3	3	3	3	3	2	2	2	2	
120	13	10	8	7	6	5	4	4	4	3	3	3	3	3	2	2	2	2	2	
130	12	9	7	6	5	5	4	4	3	3	3	3	2	2	2	2	2	2	2	
140	11	9	7	6	5	4	4	3	3	3	3	2	2	2	2	2	2	2	2	
150	11	8	6	5	5	4	4	3	3	3	2	2	2	2	2	2	2	2	2	
160	10	8	6	5	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	
170	9	7	6	5	4	4	3	3	3	2	2	2	2	2	2	2	1	1	1	
180	9	7	5	4	4	3	3	3	2	2	2	2	2	2	2	1	1	1	1	

**Using Pacemakers with 40ms pulse width**

Pulse Amplitude (mA)

Pacing Rate (ppm)	Pulse Amplitude (mA)																			
	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200		
30	24	20	16	13	11	10	9	8	7	7	6	6	5	5	5	4	4	4	4	
40	20	15	12	10	9	8	7	6	5	5	5	4	4	4	4	3	3	3	3	
50	16	12	10	8	7	6	5	5	4	4	4	3	3	3	3	3	3	3	2	
60	13	10	8	7	6	5	4	4	4	3	3	3	3	3	2	2	2	2	2	
70	11	9	7	6	5	4	4	3	3	3	3	2	2	2	2	2	2	2	2	
80	10	8	6	5	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	
90	9	7	5	4	4	3	3	3	2	2	2	2	2	2	2	1	1	1	1	
100	8	6	5	4	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	
110	7	5	4	4	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	
120	7	5	4	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	
130	6	5	4	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	
140	6	4	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	
150	5	4	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	
160	5	4	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	
170	5	4	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	
180	4	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	

**Disposal:**

Follow facility protocol for proper disposal of medical waste.

For a patient/user/third party in the European Union and in countries with identical regulatory regime (Regulation 2017/745/EU on Medical Devices); if, during the use of this device or as a result of its use, a serious incident has occurred, please report it to the manufacturer and/or its authorised representative and to your national authority.

This device is intended to be used by trained medical personnel (paramedics, nurses, doctors etc.).

However, if connected to automated external defibrillators (AEDs), the defibrillator electrodes may also be used by laypersons in the absence of a medical professional.



Single use

**Rx ONLY**



Do not use if package is opened or damaged



Caution



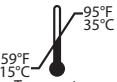
MR Unsafe



Not made with natural rubber latex



DEHP  
Not made with DEHP



Temperature limitation



Keep away from sunlight



Keep dry



Type BF applied part



Dangerous Voltage



Medical Device

 **Cardinal Health 200, LLC**  
3651 Birchwood Drive, Waukegan, IL 60085 USA  
2020-08 • cardinalhealth.com  
PT00093601

 **Cardinal Health Ireland Manufacturing Limited**  
Tullamore Business & Technology Park  
Tullamore, County Offaly, R35 H903 Ireland



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Patent cardinalhealth.com/patents.





CardinalHealth™

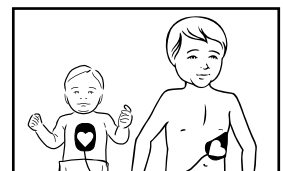
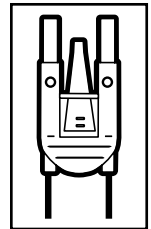
REF 22770P

# Medi-Trace™

## CADENCE™ Pediatric Multi-Function Defibrillation Electrodes

Radiotransparent

- EN – CADENCE™ Pediatric Multi-Function Defibrillation Electrodes • Radiotransparent  
Compatible with R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- FR – Électrodes de défibrillation multifonctions CADENCE™ pour enfant • Radiotransparentes  
Compatible avec Série R BLS • Série R Plus • Série R ALS • Série X • Propaq™ MD
- DE – CADENCE™ Multifunktionale Defibrillationselektroden für Kinder • Strahlendurchlässig  
Kompatibel mit R Serie BLS • R Serie Plus • R Serie ALS • X Serie • Propaq™ MD
- IT – Elettrodi multifunzione per defibrillazione per pediatria CADENCE™ • Radiotrasparenti  
Kompatibel con serie R BLS • serie R Plus • serie R ALS • serie X • Propaq™ MD
- ES – Electrodo de desfibrilación multifunción pediátricos CADENCE™ • Radiotransparentes  
Compatible con serie R BLS • serie R Plus • serie R ALS • serie X • Propaq™ MD
- SV – CADENCE™ multifunktionselektroder för defibrillering för barn • Röntgentransparent  
Kompatibel med R-serien BLS • R-serien Plus • R-serien ALS • X-serien • Propaq™ MD
- NL – CADENCE™ multifunctionele defibrillatie-elektroden voor kinderen • Radiotransparent  
Kompatibel met de R-serie BLS • R-serie Plus • R-serie ALS en X-serie • Propaq™ MD
- PT – Electrodo para Desfibrilhação Multi-Função Pediátricos CADENCE™ • Radiotransparente  
Compatível com R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- FI – Lasten CADENCE™-monitoimidefibrillaatioelektrodit • Röntgennegatiivinen  
Yhteensopiva seuraavien mallien kanssa: R-sarja BLS • R-sarja Plus • R-sarja ALS • X-sarja • Propaq™ MD
- DA – CADENCE™ pædiatriske multifunktionselektroder til defibrillering • Røntgentransparent  
Kompatibel med R-serien BLS • R-serien Plus • R-serien ALS • X-serien • Propaq™ MD
- EL – Ηλεκτρόδια απινίδωσης πολλαπλών λειτουργιών, παιδιατρικά, CADENCE™ • Ακτινοδιαπερατά  
Συμβατό με R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- CS – Multifunkční defibrilační elektrody CADENCE™ pro děti • Rentgenpropustné  
Kompatibilní s položkami R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- HU – CADENCE™ többfunkciós gyermekgyógyászati defibrillációs elektródák • Sugáráteresztő  
A következőkkel kompatibilis: R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- RU – Педиатрические многофункциональные дефибрилляционные электроды CADENCE™  
Рентгенопрозрачные • Совместимы с моделями R BLS • R Plus • R ALS • X • Propaq™ MD
- PL – Pediatriczne wielofunkcyjne elektrody do defibrylacji CADENCE™ • Niecieniodajny  
Zgodne z modelami seria R BLS • seria R Plus • seria R ALS i seria X • Propaq™ MD
- TR – CADENCE™ Pediyatrik Çok İşlevli Defibrilasyon Elektrotları • Radyotransparan  
R Serisi BLS • R Serisi Plus • R Serisi ALS • X Serisi • Propaq™ MD ile uyumludur
- NO – CADENCE™ Multifunksjonselektroder til defibrillering for barn  
Røntgentransparent • Kompatibelt med R Series BLS • R Series Plus  
R Series ALS • X Series • Propaq™ MD



< 8 years or < 25 kg (55 lbs.)

## CADENCE™ Pediatric Multi-Function Defibrillation Electrodes • Radiotransparent

Monophasic or BiPhasic Defibrillation/Pacing/ECG Electrode

### Introduction:

- Use separate ECG electrodes when performing noninvasive pacing.
- Refer to the Defibrillator user's guide for specific procedures.
- Perform System compatibility check of Cardinal Health Electrode/Zoll Defibrillator. Perform compatibility checks after each Defibrillator service or repair (including software and other updates) and as defined in Defibrillator Operator Manual.

### Indications:

The Multi-Function Defibrillation Electrodes are intended to transfer energy from a cardiac defibrillator or pacer to the body of a patient for the purpose of defibrillation, synchronized cardioversion, pacing, or for ECG monitoring.

### Instructions:

Replace the electrode pads after 24 hours on skin, 25 defibrillation shocks, or 1 hour of pacing. Replace electrodes sooner if irritation or burns occur.



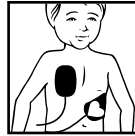
Prep



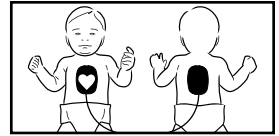
Peel



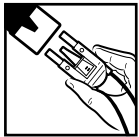
Adhere



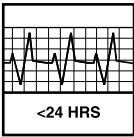
Anterior-Lateral Placement



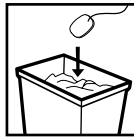
Anterior-Posterior Placement



Connect



Monitor <24 Hours



Dispose

### Warnings:

- Do not use these electrodes with hand-held paddles.
- Do not use dried out or damaged disposable defibrillation electrodes. Use of dry or damaged defibrillation electrodes may result in patient skin burns and electrical arcs.
- Do not exceed 100 J while defibrillating. Use local protocol or American Heart Association guidelines to select appropriate defibrillation energy level corresponding to patient's body weight.
- Do not use in the presence of Magnetic Resonance Imaging (MRI) device.
- Ensure that all personnel are clear of the patient area and other conductive material before discharging the defibrillator to avoid accidental shock.
- When operating defibrillators close to oxygen sources and other flammable gases or anesthetics, use extreme caution to avoid potential fire or explosion.

### Precautions:

- Do not immerse in water or fluids, sterilize or clean.
- Do not overlap or fold.
- Apply so entire electrode adheres to skin.
- Ensure electrodes fit completely on the patient's torso. Electrodes should not touch.
- Check cable connector for damage prior to use. Do not use if damaged.
- Do not place electrode over broken skin.
- Do not crush or store under heavy objects.
- Do not open package until immediately prior to use.
- Electrodes are not repositionable.
- Check expiration date on package regularly. Do not use if beyond the expiration date.
- Misuse or misapplication of any electrode pad may result in patient burns or ineffective therapy.
- This product is designed for patients < 8 years or < 25 kg (55 lbs.). Do not delay therapy to determine the patient's exact age or weight.

### Disposal:

Follow facility protocol for proper disposal of medical waste.

For a patient/user/third party in the European Union and in countries with identical regulatory regime (Regulation 2017/745/EU on Medical Devices); if, during the use of this device or as a result of its use, a serious incident has occurred, please report it to the manufacturer and/or its authorised representative and to your national authority.

This device is intended to be used by trained medical personnel (paramedics, nurses, doctors etc.). However, if connected to automated external defibrillators (AEDs), the defibrillator electrodes may also be used by laypersons in the absence of a medical professional.

This product cannot be adequately cleaned and/or sterilized by the user in order to facilitate safe reuse, and is therefore intended for single use. Attempts to clean or sterilize these devices may result in a bio-incompatibility, infection or product failure risks to the patient.

Do not use if package is opened or damaged. • MR Unsafe – an item that is known to pose hazards in all MR environments. Not made with natural rubber latex • Not made with DEHP • Type BF applied part • Dangerous Voltage • Medical Device



**Rx ONLY**



Do not use if package is opened or damaged



Caution



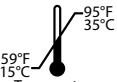
MR Unsafe



Not made with natural rubber latex



DEHP  
Not made with DEHP



Temperature limitation



Keep away from sunlight



Keep dry



Type BF applied part



Dangerous Voltage



Medical Device

 **Cardinal Health 200, LLC**  
3651 Birchwood Drive, Waukegan, IL 60085 USA  
2020-08 • cardinalhealth.com  
PT00093617

 **Cardinal Health Ireland Manufacturing Limited**  
Tullamore Business & Technology Park  
Tullamore, County Offaly, R35 H903 Ireland



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Patent cardinalhealth.com/patents.







CardinalHealth™

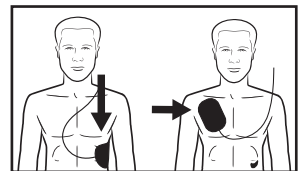
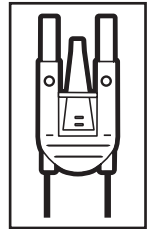
REF 22770PC

# Medi-Trace™

## CADENCE™ Adult Multi-Function Defibrillation Electrodes

Pre-connect

- EN – CADENCE™ Adult Multi-Function Defibrillation Electrodes • Pre-connect  
Compatible with R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- FR – Électrodes de défibrillation multifonctions CADENCE™ pour adulte • Pré-connectées  
Compatible avec Série R BLS • Série R Plus • Série R ALS • Série X • Propaq™ MD
- DE – CADENCE™ Multifunktionale Defibrillationselektroden für Erwachsene • Voranschluss  
Kompatibel mit R Serie BLS • R Serie Plus • R Serie ALS • X Serie • Propaq™ MD
- IT – Elettrodi multifunzione per defibrillazione per adulti CADENCE™ • Pre-connessione  
Compatibile con serie R BLS • serie R Plus • serie R ALS • serie X • Propaq™ MD
- ES – Electrodo de desfibrilación multifunción para adultos CADENCE™ • Preconectados  
Compatible con serie R BLS • serie R Plus • serie R ALS • serie X • Propaq™ MD
- SV – CADENCE™ multifunktionselektroder för defibrillering för vuxna • Med vidhängande kabel och kontakt  
Kompatibel med R-serien BLS • R-serien Plus • R-serien ALS • X-serien • Propaq™ MD
- NL – CADENCE™ multifunctionele defibrillatie-elektroden voor volwassenen • Vooraf aan te sluiten  
Kompatibel met de R-serie BLS • R-serie Plus • R-serie ALS en X-serie • Propaq™ MD
- PT – Electrodo para Desfibrilhação Multi-Função para Adultos CADENCE™ • Pré-ligação  
Compatível com R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- FI – Aikuisten CADENCE™-monitoimidefibrillaatioelektrodit • Valmiiksi liitettävä  
Yhteensopiva seuraavien mallien kanssa: R-sarja BLS • R-sarja Plus • R-sarja ALS • X-sarja • Propaq™ MD
- DA – CADENCE™ multifunktionselektroder til defibrillering af voksne • Fortilsluttet  
Kompatibel med R-serien BLS • R-serien Plus • R-serien ALS • X-serien • Propaq™ MD
- EL – Ηλεκτρόδια απινίδωσης ενηλίκων πολλαπλών λειτουργιών CADENCE™ • Για σύνδεση εκ των προτέρων  
Συμβατό με R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- CS – Multifunkční defibrilační elektrody CADENCE™ pro dospělé • Předpřipojené  
Kompatibilní s položkami R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- HU – CADENCE™ felnőtt betegekhez szolgáló többfunkciós defibrillációs elektródák • Előcsatlakoztatott  
A következőkkel kompatibilis: R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- RU – Многофункциональные дефибрилляционные электроды CADENCE™ для взрослых  
С возможностью предварительного подключения  
Совместимы с моделями и устройствами серий R BLS • R Plus • R ALS • X • Propaq™ MD
- PL – Elektrody wielofunkcyjne do defibrylacji dla dorosłych CADENCE™  
Element do wstępnego podłączenia • Zgodne z modelami serii R BLS  
serii R Plus serii R ALS i serii X • Propaq™ MD
- TR – CADENCE™ Yetişkin Çok İşlevli Defibrilasyon Elektrotları • Ön Bağlama  
R Serisi BLS • R Serisi Plus • R Serisi ALS • X Serisi • Propaq™ MD ile uyumludur
- NO – CADENCE™ Multifunksjonselektroder til defibrillering for voksne  
Forhåndstilkobling • Kompatibelt med R Series BLS • R Series Plus  
R Series ALS • X Series • Propaq™ MD



≥ 8 years or ≥ 25 kg (55 lbs.)

**CADENCE™ Adult Multi-Function Defibrillation Electrodes • Pre-connect**

Monophasic or BiPhasic Defibrillation/Pacing/ECG Electrode

**Introduction:**

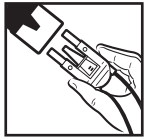
- Use separate ECG electrodes when performing noninvasive pacing.
- Refer to the Defibrillator user's guide for specific procedures.
- Perform System compatibility check of Cardinal Health Electrode/Zoll Defibrillator. Perform compatibility checks after each Defibrillator service or repair (including software and other updates) and as defined in Defibrillator Operator Manual.

**Indications:**

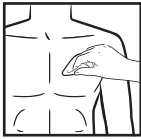
The Multi-Function Defibrillation Electrodes are intended to transfer energy from a cardiac defibrillator or pacer to the body of a patient for the purpose of defibrillation, synchronized cardioversion, pacing, or for ECG monitoring.

**Instructions:**

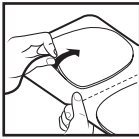
Replace the electrode pads after 24 hours on skin or 50 defibrillation shocks. See "Pacing Duration" to determine recommended maximum pacing duration. (Note: Maximum pacing duration is dependent upon pacing rate, current, and pacer waveform.)



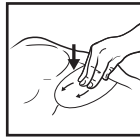
Connect



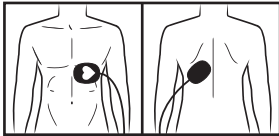
Prep



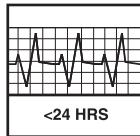
Peel



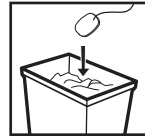
Adhere

Anterior-Lateral  
Placement

Anterior-Posterior Placement



Monitor &lt;24 Hours



Dispose

**Warnings:**

- Do not use these electrodes with hand-held paddles.
- Do not use dried out or damaged disposable defibrillation electrodes. Use of dry or damaged defibrillation electrodes may result in patient skin burns and electrical arcs.
- Do not use in the presence of Magnetic Resonance Imaging (MRI) device.
- Ensure that all personnel are clear of the patient area and other conductive material before discharging the defibrillator to avoid accidental shock.
- When operating defibrillators close to oxygen sources and other flammable gases or anesthetics, use extreme caution to avoid potential fire or explosion.

**Precautions:**

- Do not immerse in water or fluids, sterilize or clean.
- Do not overlap or fold.
- Apply so entire electrode adheres to skin.
- Ensure electrodes fit completely on the patient's torso. Electrodes should not touch.
- Check cable connector for damage prior to use. Do not use if damaged.
- Do not place electrode over broken skin.
- Do not crush or store under heavy objects.
- Do not open package until immediately prior to use.
- Electrodes are not repositionable.
- Check expiration date on package regularly. Do not use if beyond the expiration date.
- Misuse or misapplication of any electrode pad may result in patient burns or ineffective therapy.
- This product is designed for patients  $\geq 8$  years or  $\geq 25$  kg (55 lbs.).

This product cannot be adequately cleaned and/or sterilized by the user in order to facilitate safe reuse, and is therefore intended for single use. Attempts to clean or sterilize these devices may result in a bio-incompatibility, infection or product failure risks to the patient.

Do not use if package is opened or damaged. • MR Unsafe – an item that is known to pose hazards in all MR environments. • Not made with natural rubber latex • Not made with DEHP • Type BF applied part  
Dangerous Voltage • Medical Device

**Pacing Duration:**

Use the tables below to determine recommended maximum pacing duration. Select the table appropriate for the pacemaker equipment to be used. Select the row corresponding to the desired Pacing Rate in pulses-per-minute. Select the column corresponding to the desired Pulse Amplitude in milliamperes. The intersection of the row and column provides an estimate of the maximum recommended pacing duration in hours.

**Recommended Maximum Pacing Duration for MEDI-TRACE™ CADENCE™ Electrodes (In Hours)**

**Using Pacemakers with 20ms pulse width**

Pulse Amplitude (mA)

	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	
Pacing Rate (ppm)	30	24	24	24	24	23	20	18	16	15	13	12	11	11	10	9	9	8	8
	40	24	24	24	20	17	15	13	12	11	10	9	8	8	7	7	6	6	6
	50	24	24	19	16	14	12	11	10	9	8	7	7	6	6	6	5	5	5
	60	24	20	16	13	11	10	9	8	7	7	6	6	5	5	5	4	4	4
	70	23	17	14	11	10	9	8	7	6	6	5	5	5	4	4	4	4	3
	80	20	15	12	10	9	8	7	6	5	5	5	4	4	4	4	3	3	3
	90	18	13	11	9	8	7	6	5	5	4	4	4	4	3	3	3	3	3
	100	16	12	10	8	7	6	5	5	4	4	4	3	3	3	3	3	3	2
	110	15	11	9	7	6	5	5	4	4	4	3	3	3	3	3	2	2	2
	120	13	10	8	7	6	5	4	4	4	3	3	3	3	3	2	2	2	2
	130	12	9	7	6	5	5	4	4	3	3	3	3	2	2	2	2	2	2
	140	11	9	7	6	5	4	4	3	3	3	3	2	2	2	2	2	2	2
	150	11	8	6	5	5	4	4	3	3	3	2	2	2	2	2	2	2	2
	160	10	8	6	5	4	4	3	3	3	3	2	2	2	2	2	2	2	2
	170	9	7	6	5	4	4	3	3	3	2	2	2	2	2	2	2	1	1
	180	9	7	5	4	4	3	3	3	2	2	2	2	2	2	2	1	1	1

**Using Pacemakers with 40ms pulse width**

Pulse Amplitude (mA)

	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
Pacing Rate (ppm)	30	24	20	16	13	11	10	9	8	7	7	6	6	5	5	4	4	4
	40	20	15	12	10	9	8	7	6	5	5	4	4	4	4	3	3	3
	50	16	12	10	8	7	6	5	5	4	4	4	3	3	3	3	3	2
	60	13	10	8	7	6	5	4	4	4	3	3	3	3	3	2	2	2
	70	11	9	7	6	5	4	4	3	3	3	3	2	2	2	2	2	2
	80	10	8	6	5	4	4	3	3	3	3	2	2	2	2	2	2	2
	90	9	7	5	4	4	3	3	3	2	2	2	2	2	2	2	1	1
	100	8	6	5	4	3	3	3	2	2	2	2	2	2	2	1	1	1
	110	7	5	4	4	3	3	2	2	2	2	2	2	1	1	1	1	1
	120	7	5	4	3	3	3	2	2	2	2	2	1	1	1	1	1	1
	130	6	5	4	3	3	2	2	2	2	2	1	1	1	1	1	1	1
	140	6	4	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1
	150	5	4	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1
	160	5	4	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1
	170	5	4	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1
	180	4	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1

**Disposal:**

Follow facility protocol for proper disposal of medical waste.

For a patient/user/third party in the European Union and in countries with identical regulatory regime (Regulation 2017/745/EU on Medical Devices); if, during the use of this device or as a result of its use, a serious incident has occurred, please report it to the manufacturer and/or its authorised representative and to your national authority.

This device is intended to be used by trained medical personnel (paramedics, nurses, doctors etc.). However, if connected to automated external defibrillators (AEDs), the defibrillator electrodes may also be used by laypersons in the absence of a medical professional.



Single use

**Rx  
ONLY**



Do not use if  
package is opened  
or damaged



Caution



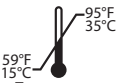
MR Unsafe



Not made  
with natural  
rubber latex



**DEHP**  
Not made  
with DEHP



Temperature  
limitation



Keep away  
from sunlight



Keep dry



Type BF  
applied part



Dangerous Voltage



Medical Device

 **Cardinal Health 200, LLC**  
3651 Birchwood Drive, Waukegan, IL 60085 USA  
2020-08 • cardinalhealth.com  
PT00094000

 **Cardinal Health  
Ireland Manufacturing Limited**  
Tullamore Business & Technology Park  
Tullamore, County Offaly, R35 H903 Ireland



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Patent cardinalhealth.com/patents.





CardinalHealth™

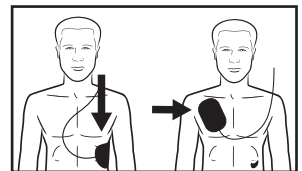
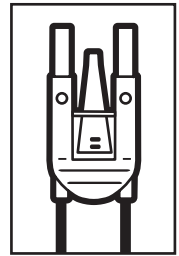
REF 22770R

# Medi-Trace™

## CADENCE™ Adult Multi-Function Defibrillation Electrodes

Radiotransparent

- EN – CADENCE™ Adult Multi-Function Defibrillation Electrodes • Radiotransparent  
Compatible with R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- FR – Électrodes de défibrillation multifonctions CADENCE™ pour adulte • Radiotransparentes  
Compatible avec Série R BLS • Série R Plus • Série R ALS • Série X • Propaq™ MD
- DE – CADENCE™ Multifunktionale Defibrillationselektroden für Erwachsene  
Strahlendurchlässig • Kompatibel mit R Serie BLS • R Serie Plus • R Serie ALS  
X Serie • Propaq™ MD
- IT – Elettrodi multifunzione per defibrillazione per adulti CADENCE™ • Radiotrasparenti  
Compatibile con serie R BLS • serie R Plus • serie R ALS • serie X • Propaq™ MD
- ES – Electrodo de desfibrilación multifunción para adultos CADENCE™ • Radiotransparentes  
Compatible con serie R BLS • serie R Plus • serie R ALS • serie X • Propaq™ MD
- SV – CADENCE™ multifunktionselektroder för defibrillering för vuxna • Röntgentransparent  
Kompatibel med R-serien BLS • R-serien Plus • R-serien ALS • X-serien • Propaq™ MD
- NL – CADENCE™ multifunctionele defibrillatie-elektroden voor volwassenen • Radiotransparent  
Compatibel met de R-serie BLS • R-serie Plus • R-serie ALS en X-serie • Propaq™ MD
- PT – Electrodo para Desfibrilhação Multi-Função para Adultos CADENCE™ • Radiotransparente  
Compatível com R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- FI – Aikuisten CADENCE™-monitoimidefibrillaatioelektrodit • Röntgennegatiivinen  
Yhteensopiva seuraavien mallien kanssa: R-sarja BLS • R-sarja Plus • R-sarja ALS • X-sarja • Propaq™ MD
- DA – CADENCE™ multifunktionselektroder til defibrillering af voksne • Røntgentransparent  
Kompatibel med R-serien BLS • R-serien Plus • R-serien ALS • X-serien • Propaq™ MD
- EL – Ηλεκτρόδια απινίδωσης ενηλίκων πολλαπλών λειτουργιών CADENCE™ • Ακτινοδιαπερατά  
Συμβατό με R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- CS – Multifunkční defibrilační elektrody CADENCE™ pro dospělé • Rentgenpropustné  
Kompatibilní s položkami R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- HU – CADENCE™ felnőtt betegekhez szolgáló többfunkciós defibrillációs elektródák • Sugáráteresztő  
A következőkkel kompatibilis: R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- RU – Многофункциональные дефибрилляционные электроды CADENCE™ для взрослых  
Рентгенопрозрачные • Совместимы с моделями и устройствами серий  
R BLS • R Plus • R ALS • X • Propaq™ MD
- PL – Elektrody wielofunkcyjne do defibrylacji dla dorosłych CADENCE™  
Niecieniodajne • Zgodne z modelami serii R BLS  
serii R Plus • serii R ALS i • serii X • Propaq™ MD
- TR – CADENCE™ Yetişkin Çok İşlevli Defibrilasyon Elektrotları  
Radyotransparan • R Serisi BLS • R Serisi Plus  
R Serisi ALS • X • Propaq™ MD Serisi ile uyumludur
- NO – CADENCE™ Multifunksjonselektroder til defibrillering for voksne  
Røntgentransparent • Kompatibelt med R Series BLS  
R Series Plus • R Series ALS • X Series • Propaq™ MD



≥ 8 years or ≥ 25 kg (55 lbs.)

## CADENCE™ Adult Multi-Function Defibrillation Electrodes • Radiotransparent

Monophasic or BiPhasic Defibrillation/Pacing/ECG Electrode

### Introduction:

- Use separate ECG electrodes when performing noninvasive pacing.
- Refer to the Defibrillator user's guide for specific procedures.
- Perform System compatibility check of Cardinal Health Electrode/Zoll Defibrillator. Perform compatibility checks after each Defibrillator service or repair (including software and other updates) and as defined in Defibrillator Operator Manual.

### Indications:

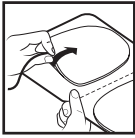
The Multi-Function Defibrillation Electrodes are intended to transfer energy from a cardiac defibrillator or pacer to the body of a patient for the purpose of defibrillation, synchronized cardioversion, pacing, or for ECG monitoring.

### Instructions:

Replace the electrode pads after 24 hours on skin or 50 defibrillation shocks. See “Pacing Duration” to determine recommended maximum pacing duration. (Note: Maximum pacing duration is dependent upon pacing rate, current, and pacer waveform.)



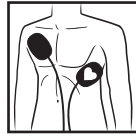
Prep



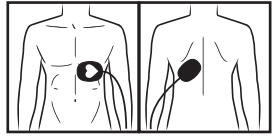
Peel



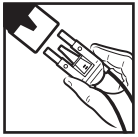
Adhere



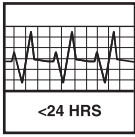
Anterior-Lateral Placement



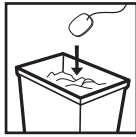
Anterior-Posterior Placement



Connect



Monitor <24 Hours



Dispose


### Warnings:

- Do not use these electrodes with hand-held paddles.
- Do not use dried out or damaged disposable defibrillation electrodes. Use of dry or damaged defibrillation electrodes may result in patient skin burns and electrical arcs.
- Do not use in the presence of Magnetic Resonance Imaging (MRI) device.
- Ensure that all personnel are clear of the patient area and other conductive material before discharging the defibrillator to avoid accidental shock.
- When operating defibrillators close to oxygen sources and other flammable gases or anesthetics, use extreme caution to avoid potential fire or explosion.

### Precautions:

- Do not immerse in water or fluids, sterilize or clean.
- Do not overlap or fold.
- Apply so entire electrode adheres to skin.
- Ensure electrodes fit completely on the patient's torso. Electrodes should not touch.
- Check cable connector for damage prior to use. Do not use if damaged.
- Do not place electrode over broken skin.
- Do not crush or store under heavy objects.
- Do not open package until immediately prior to use.
- Electrodes are not repositionable.
- Check expiration date on package regularly. Do not use if beyond the expiration date.
- Misuse or misapplication of any electrode pad may result in patient burns or ineffective therapy.
- This product is designed for patients  $\geq 8$  years or  $\geq 25$  kg (55 lbs.).

This product cannot be adequately cleaned and/or sterilized by the user in order to facilitate safe reuse, and is therefore intended for single use. Attempts to clean or sterilize these devices may result in a bio-incompatibility, infection or product failure risks to the patient.

Do not use if package is opened or damaged. • MR Unsafe – an item that is known to pose hazards in all MR environments. • Not made with natural rubber latex • Not made with DEHP • Type BF Applied Part Dangerous Voltage •  Medical Device

**Pacing Duration:**

Use the tables below to determine recommended maximum pacing duration. Select the table appropriate for the pacemaker equipment to be used. Select the row corresponding to the desired Pacing Rate in pulses-per-minute. Select the column corresponding to the desired Pulse Amplitude in milliamperes. The intersection of the row and column provides an estimate of the maximum recommended pacing duration in hours.

**Recommended Maximum Pacing Duration for MEDI-TRACE™ CADENCE™ Electrodes (In Hours)****Using Pacemakers with 20ms pulse width**

Pulse Amplitude (mA)

	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
30	24	24	24	24	23	20	18	16	15	13	12	11	11	10	9	9	8	8
40	24	24	24	20	17	15	13	12	11	10	9	9	8	8	7	7	6	6
50	24	24	19	16	14	12	11	10	9	8	7	7	6	6	6	5	5	5
60	24	20	16	13	11	10	9	8	7	7	6	6	5	5	5	4	4	4
70	23	17	14	11	10	9	8	7	6	6	5	5	5	4	4	4	4	3
80	20	15	12	10	9	8	7	6	5	5	5	4	4	4	4	3	3	3
90	18	13	11	9	8	7	6	5	5	4	4	4	4	3	3	3	3	3
100	16	12	10	8	7	6	5	5	4	4	4	3	3	3	3	3	3	2
110	15	11	9	7	6	5	5	4	4	4	3	3	3	3	3	2	2	2
120	13	10	8	7	6	5	4	4	4	3	3	3	3	3	2	2	2	2
130	12	9	7	6	5	5	4	4	3	3	3	3	2	2	2	2	2	2
140	11	9	7	6	5	4	4	3	3	3	3	2	2	2	2	2	2	2
150	11	8	6	5	5	4	4	3	3	3	2	2	2	2	2	2	2	2
160	10	8	6	5	4	4	3	3	3	2	2	2	2	2	2	2	2	2
170	9	7	6	5	4	4	3	3	2	2	2	2	2	2	2	1	1	1
180	9	7	5	4	4	3	3	3	2	2	2	2	2	2	2	1	1	1

**Using Pacemakers with 40ms pulse width**

Pulse Amplitude (mA)

	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
30	24	20	16	13	11	10	9	8	7	7	6	6	5	5	5	4	4	4
40	20	15	12	10	9	8	7	6	5	5	5	4	4	4	4	3	3	3
50	16	12	10	8	7	6	5	5	4	4	4	3	3	3	3	3	3	2
60	13	10	8	7	6	5	4	4	4	3	3	3	3	3	2	2	2	2
70	11	9	7	6	5	4	4	3	3	3	3	2	2	2	2	2	2	2
80	10	8	6	5	4	4	3	3	3	2	2	2	2	2	2	2	2	2
90	9	7	5	4	4	3	3	3	2	2	2	2	2	2	2	1	1	1
100	8	6	5	4	3	3	3	2	2	2	2	2	2	2	1	1	1	1
110	7	5	4	4	3	3	2	2	2	2	2	2	1	1	1	1	1	1
120	7	5	4	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1
130	6	5	4	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1
140	6	4	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1
150	5	4	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1
160	5	4	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1
170	5	4	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
180	4	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1

**Disposal:**

Follow facility protocol for proper disposal of medical waste.

For a patient/user/third party in the European Union and in countries with identical regulatory regime (Regulation 2017/745/EU on Medical Devices); if, during the use of this device or as a result of its use, a serious incident has occurred, please report it to the manufacturer and/or its authorised representative and to your national authority.

This device is intended to be used by trained medical personnel (paramedics, nurses, doctors etc.).

However, if connected to automated external defibrillators (AEDs), the defibrillator electrodes may also be used by laypersons in the absence of a medical professional.



**Rx ONLY**

Single use



Do not use if package is opened or damaged



Caution



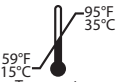
MR Unsafe



Not made with natural rubber latex



DEHP  
Not made with DEHP



Temperature limitation



Keep away from sunlight



Keep dry



Type BF applied part



Dangerous Voltage



Medical Device

 **Cardinal Health 200, LLC**  
3651 Birchwood Drive, Waukegan, IL 60085 USA  
2020-08 • cardinalhealth.com  
PT00093604

 **Cardinal Health Ireland Manufacturing Limited**  
Tullamore Business & Technology Park  
Tullamore, County Offaly, R35 H903 Ireland



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Patent cardinalhealth.com/patents.

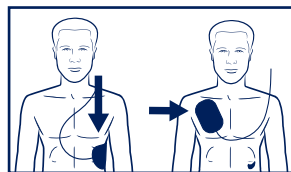
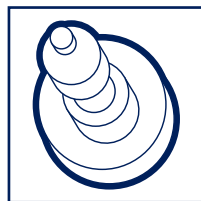




# Kendall™

## 1010P ADULT MULTI-FUNCTION DEFIBRILLATION ELECTRODES

- EN – 1010P Adult Multi-Function Defibrillation Electrodes  
Compatible with LP 20 • LP 20E
- FR – 1010P Électrodes de défibrillation multifonctions pour adulte  
Compatible avec LP 20 • LP 20E
- DE – 1010P Multifunktionale Defibrillationselektroden für Erwachsene  
Kompatibel mit LP 20 • LP 20E
- IT – 1010P Elettrodi multifunzione per defibrillazione per adulti  
Compatibile con LP 20 • LP 20E
- ES – 1010P Electrodo de desfibrilación multifunción para adultos  
Compatible con LP 20 • LP 20E
- SV – 1010P Multifunktionselektroder för defibrillering för vuxna  
Kompatibel med LP 20 • LP 20E
- NL – 1010P Multifunctionele defibrillatie-elektroden voor volwassenen  
Compatibel met de LP 20 • LP 20E
- PT – 1010P Eléctrodos para Desfibrilhação Multi-Função para Adultos  
Compatível com LP 20 • LP 20E
- FI – 1010P-Aikuisten monitoimidefibrillaatioelektrodit  
Yhteensopiva seuraavien mallien kanssa: LP 20 • LP 20E
- DA – 1010P Multifunktionselektroder til defibrillering af voksne  
Kompatibel med LP 20 • LP 20E
- EL – 1010P Πολυλειτουργικά ηλεκτρόδια απινίδωσης ενηλίκων  
Συμβατό με LP 20 • LP 20E
- CS – 1010P Multifunkční defibrilační elektrody pro dospělé  
Kompatibilní s položkami LP 20 • LP 20E
- HU – 1010P Többfunkciós defibrillációs elektródák felnőttek számára  
A következőkkel kompatibilis: LP 20 • LP 20E
- RU – Многофункциональные дефибрилляционные электроды для взрослых 1010P  
Совместимы с моделями LP 20 • LP 20E
- PL – Elektrody wielofunkcyjne do defibrylacji dla dorosłych 1010P  
Zgodne z modelami LP 20 • LP 20E
- TR – 1010P Yetişkin Çok İşlevli Defibrilasyon Elektrotları  
LP 20 • LP 20E ile uyumludur



≥ 8 years or ≥ 25 kg (55 lbs.)

## 1010P Adult Multi-Function Defibrillation Electrodes

### Introduction:

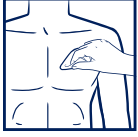
- Use Separate ECG electrodes when performing noninvasive pacing.
- Refer to the Defibrillator user's guide for specific procedures.

### Indications:

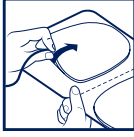
The Multi-Function Defibrillation Electrodes are intended to transfer energy from a cardiac defibrillator or pacer to the body of a patient for the purpose of defibrillation, synchronized cardioversion or for ECG monitoring.

### Instructions:

- Do not use for pacing applications.



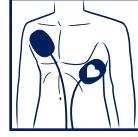
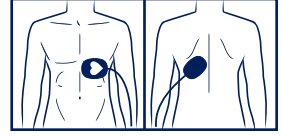
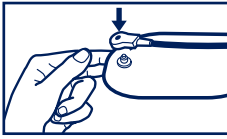
Prep



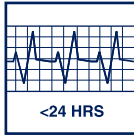
Peel



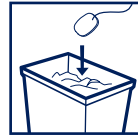
Adhere

Anterior-Lateral  
PlacementAnterior-Posterior  
Placement

Connect



Monitor &lt;24 Hours



Dispose

### Warnings:

- Do not use these electrodes with hand-held paddles.
- Do not use dried out or damaged disposable defibrillation electrodes. Use of dry or damaged defibrillation electrodes may result in patient skin burns and electrical arcs.
- Do not use at defibrillator settings higher than 360 Joules.
- Do not use in the presence of Magnetic Resonance Imaging (MRI) device.
- When operating defibrillators close to oxygen sources and flammable gases or anesthetics, use extreme caution to avoid potential fire or explosion.
- Ensure that all personnel are clear of the patient area and other conductive material before discharging the defibrillator to avoid accidental shock.

### Precautions:

- Do not immerse in water or fluids, sterilize, or clean.
- Do not overlap or fold.
- Apply so entire electrode adheres to skin.
- Ensure electrodes fit completely on the patient's torso. Electrodes should not touch.
- Do not open package until immediately prior to use.
- Check cable connector for damage prior to use. Do not use if damaged.
- Do not place electrode over broken skin.
- Do not crush or store under heavy objects.
- Electrodes are not repositionable.
- Check expiration date on package regularly. Do not use if beyond the expiration date.
- Misuse or misapplication of any electrode pad may result in patient burns or ineffective therapy.
- Do not use on patients age less than 8 years or weigh less than 25 kg (55 lbs.).

### When Transferring Patients between Defibrillators:

1010P can remain on the patient while defibrillator cables are switched. This is restricted to situations when patient care is transferred between similar model defibrillators.

To reconnect the cable to 1010P which is attached to a patient, gently slip a fingertip between the patient's skin and the electrode in the area directly under the electrode post. The electrode's foam adhesive will lift slightly. With the opposite hand, position the defibrillator cable's female connector directly on the electrode post; press down to snap the cable connector firmly onto the electrode post; refer to Figure 1. Press foam adhesive edge back onto skin.

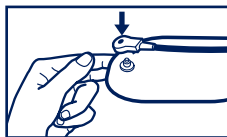


Figure 1  
Reconnecting the Cable



**Rx  
ONLY**

Single use



Do not use if  
package is opened  
or damaged



Caution



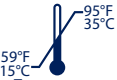
MR Unsafe



Not made  
with natural  
rubber latex



**DEHP**  
Not made  
with DEHP



Temperature  
limitation



Keep away  
from sunlight



Keep dry



Type BF  
applied part



Dangerous  
voltage



Medical Device

 **Cardinal Health 200, LLC**

3651 Birchwood Drive, Waukegan, IL 60085 USA  
2020-08 • cardinalhealth.com  
Made in Canada • PT00093553

 **Cardinal Health**

**Ireland Manufacturing Limited**  
Tullamore Business & Technology Park  
Tullamore, County Offaly, R35 H903 Ireland



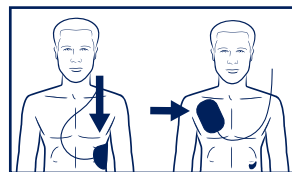
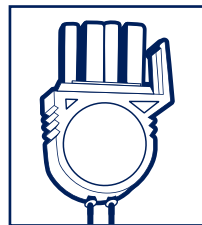
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Patent cardinalhealth.com/patents.



# Kendall™

## 1310P ADULT MULTI-FUNCTION DEFIBRILLATION ELECTRODES

- EN – 1310P Adult Multi-Function Defibrillation Electrodes  
Compatible with LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- FR – 1310P Électrodes de défibrillation multifonctions pour adulte  
Compatible avec LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- DE – 1310P Multifunktionale Defibrillationselektroden für Erwachsene  
Kompatibel mit LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- IT – 1310P Elettrodi multifunzione per defibrillazione per adulti  
Compatibile con LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- ES – 1310P Electrodo de desfibrilación multifunción para adultos  
Compatible con LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- SV – 1310P Multifunktionselektroder för defibrillering för vuxna  
Kompatibel med LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- NL – 1310P Multifunctionele defibrillatie-elektroden voor volwassenen  
Compatibel met de LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus en LP EXPRESS
- PT – 1310P Eléctrodos para Desfibrilhação Multi-Função para Adultos  
Compatível com LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- FI – 1310P-Aikuisten monitoimidefibrillaatioelektrodit  
Yhteensopiva seuraavien mallien kanssa: LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- DA – 1310P Multifunktionselektroder til defibrillering af voksne  
Kompatibel med LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- EL – 1310P Πολυλειτουργικά ηλεκτρόδια απινίδωσης ενηλίκων  
Συμβατό με LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- CS – 1310P Multifunkční defibrilační elektrody pro dospělé  
Kompatibilní s položkami LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- HU – 1310P Többfunkciós defibrillációs elektródák felnőttek számára  
A következőkkel kompatibilis: LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- RU – Многофункциональные дефибрилляционные электроды для взрослых 1310P  
Совместимы с моделями LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- PL – Elektrody wielofunkcyjne do defibrylacji dla dorosłych 1310P  
Zgodne z modelami LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS
- TR – 1310P Yetişkin Çok İşlevli Defibrilasyon Elektrotları  
LP 15 • LP 20 • LP 20E • LP 1000 • LP CR Plus • LP EXPRESS ile uyumludur



≥ 8 years or ≥ 25 kg (55 lbs.)

## 1310P Adult Multi-Function Defibrillation Electrodes

### Introduction:

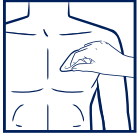
- Use Separate ECG electrodes when performing noninvasive pacing.
- Refer to the Defibrillator user's guide for specific procedures.

### Indications:

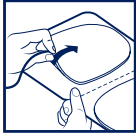
The Multi-Function Defibrillation Electrodes are intended to transfer energy from a cardiac defibrillator or pacer to the body of a patient for the purpose of defibrillation, synchronized cardioversion, pacing, or for ECG monitoring.

### Instructions:

Change electrodes every 24 hours or after 50 defibrillator shocks. Change electrodes after 8 hours of continuous pacing. Replace electrodes sooner if irritation or burns occur.



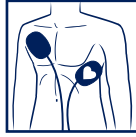
Prep



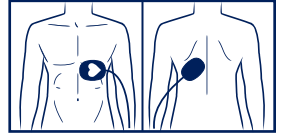
Peel



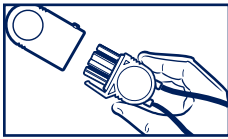
Adhere



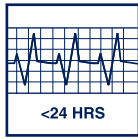
Anterior-Lateral Placement



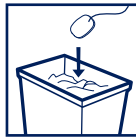
Anterior-Posterior Placement



Connect



Monitor &lt;24 Hours



Dispose

### Warnings:

- Do not use these electrodes with hand-held paddles.
- Do not use dried out or damaged disposable defibrillation electrodes. Use of dry or damaged defibrillation electrodes may result in patient skin burns and electrical arcs.
- Do not use at defibrillator settings higher than 360 Joules.
- Do not use in the presence of Magnetic Resonance Imaging (MRI) device.
- When operating defibrillators close to oxygen sources and flammable gases or anesthetics, use extreme caution to avoid potential fire or explosion.
- Ensure that all personnel are clear of the patient area and other conductive material before discharging the defibrillator to avoid accidental shock.

### Precautions:

- Do not immerse in water or fluids, sterilize, or clean.
- Do not overlap or fold.
- Apply so entire electrode adheres to skin.
- Ensure electrodes fit completely on the patient's torso. Electrodes should not touch.
- Do not open package until immediately prior to use.
- Check cable connector for damage prior to use. Do not use if damaged.
- Do not place electrode over broken skin.
- Do not crush or store under heavy objects.
- Electrodes are not repositionable.
- Check expiration date on package regularly. Do not use if beyond the expiration date.
- Misuse or misapplication of any electrode pad may result in patient burns or ineffective therapy.
- Use on patients  $\geq 8$  years or  $\geq 25$  kg (55 lbs.).


### Disposal:

Follow facility protocol for proper disposal of medical waste.

For a patient/user/third party in the European Union and in countries with identical regulatory regime (Regulation 2017/745/EU on Medical Devices); if, during the use of this device or as a result of its use, a serious incident has occurred, please report it to the manufacturer and/or its authorized representative and to your national authority.

This device is intended to be used by trained medical personnel (paramedics, nurses, doctors etc.). However, if connected to automated external defibrillators (AEDs), the defibrillator electrodes may also be used by laypersons in the absence of a medical professional.

This product cannot be adequately cleaned and/or sterilized by the user in order to facilitate safe reuse, and is therefore intended for single use. Attempts to clean or sterilize these devices may result in a bio-incompatibility, infection or product failure risks to the patient.

Do not use if package is opened or damaged. • MR Unsafe – an item that is known to pose hazards in all MR environments. Not made with natural rubber latex • Not made with DEHP • Type BF applied part • Dangerous Voltage •  Medical Device



**Rx  
ONLY**



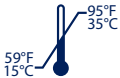
Single use

Do not use if  
package is opened  
or damaged

Caution

MR Unsafe

Not made  
with natural  
rubber latex



**DEHP**  
Not made  
with DEHP

Temperature  
limitation

Keep away  
from sunlight

Keep dry

Type BF  
applied part

Dangerous  
voltage

Medical Device

 **Cardinal Health 200, LLC**  
3651 Birchwood Drive, Waukegan, IL 60085 USA  
2020-08 • cardinalhealth.com  
Made in Canada • PT00093555

 **Cardinal Health  
Ireland Manufacturing Limited**  
Tullamore Business & Technology Park  
Tullamore, County Offaly, R35 H903 Ireland



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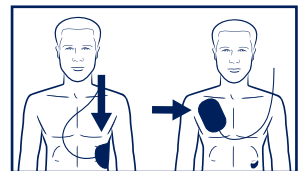
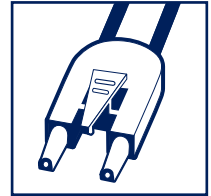
CardinalHealth™

REF 31469219

# Kendall™

## 1410Z ADULT MULTI-FUNCTION DEFIBRILLATION ELECTRODES

- EN – 1410Z Adult Multi-Function Defibrillation Electrodes**  
Compatible with R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- FR – 1410Z Électrodes de défibrillation multifonctions pour adulte**  
Compatible avec R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- DE – 1410Z Multifunktionale Defibrillationselektroden für Erwachsene**  
Kompatibel mit R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- IT – 1410Z Elettrodi multifunzione per defibrillazione per adulti**  
Compatibile con R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- ES – 1410Z Electrodo de desfibrilación multifunción para adultos**  
Compatible con R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- SV – 1410Z Multifunktionselektroder för defibrillering för vuxna**  
Kompatibel med R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- NL – 1410Z Multifunctionele defibrillatie-elektroden voor volwassenen**  
Compatibel met de R Series BLS • R Series Plus • R Series ALS • X Series en Propaq™ MD
- PT – 1410Z Eléctrodos para Desfibrilhação Multi-Função para Adultos**  
Compatível com R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- FI – 1410Z-Aikuisten monitoimidefibrillaatioelektrodit**  
Yhteensopiva seuraavien mallien kanssa: R Series BLS • R Series Plus • R Series ALS  
X Series • Propaq™ MD
- DA – 1410Z Multifunktionselektroder til defibrillering af voksne**  
Kompatibel med R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- EL – 1410Z Πολυλειτουργικά ηλεκτρόδια απινίδωσης ενηλίκων**  
Συμβατό με R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- CS – 1410Z Multifunkční defibrilační elektrody pro dospělé**  
Kompatibilní s poločkami R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- HU – 1410Z Többfunkciós defibrillációs elektródák felnőttek számára**  
A következőkkel kompatibilis: R Series BLS • R Series Plus • R Series ALS • X Series • Propaq™ MD
- RU – Многофункциональные дефибрилляционные электроды для взрослых 1410Z**  
Совместимы с моделями R Series BLS • R Series Plus • R Series ALS  
X Series • Propaq™ MD
- PL – Elektrody wielofunkcyjne do defibrylacji dla dorosłych 1410Z**  
Zgodne z modelami R Series BLS • R Series Plus • R Series ALS  
X Series • Propaq™ MD
- TR – 1410Z Yetişkin Çok İşlevli Defibrilasyon Elektrotları**  
R Series BLS • R Series Plus • R Series ALS • X Series  
Propaq™ MD ile uyumludur



≥ 8 years or ≥ 25 kg (55 lbs.)

## 1410Z Adult Multi-Function Defibrillation Electrodes

### Introduction:

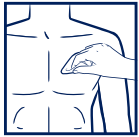
- Use Separate ECG electrodes when performing noninvasive pacing.
- Refer to the Defibrillator user's guide for specific procedures.
- Perform System compatibility check of Cardinal Health Electrode/Zoll Defibrillator. Perform compatibility checks after each Defibrillator service or repair (including software and other updates) and as defined in Defibrillator Operator Manual.

### Indications:

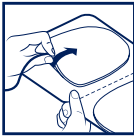
The Multi-Function Defibrillation Electrodes are intended to transfer energy from a cardiac defibrillator or pacer to the body of a patient for the purpose of defibrillation, synchronized cardioversion, pacing, or for ECG monitoring.

### Instructions:

Change electrodes every 24 hours or after 50 defibrillator shocks. Change electrodes after 8 hours of continuous pacing. Replace electrodes sooner if irritation or burns occur.



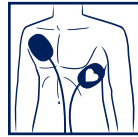
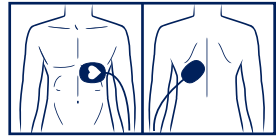
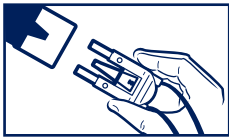
Prep



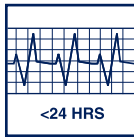
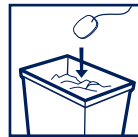
Peel



Adhere

Anterior-Lateral  
PlacementAnterior-Posterior  
Placement

Connect

Monitor  
<24 HRS

Dispose

### Warnings:

- Do not use these electrodes with hand-held paddles.
- Do not use dried out or damaged disposable defibrillation electrodes. Use of dry or damaged defibrillation electrodes may result in patient skin burns and electrical arcs.
- Do not use at defibrillator settings higher than 360 Joules.
- Do not use in the presence of Magnetic Resonance Imaging (MRI) device.
- When operating defibrillators close to oxygen sources and flammable gases or anesthetics, use extreme caution to avoid potential fire or explosion.
- Ensure that all personnel are clear of the patient area and other conductive material before discharging the defibrillator to avoid accidental shock.

### Precautions:

- Do not immerse in water or fluids, sterilize, or clean.
- Do not overlap or fold.
- Apply so entire electrode adheres to skin.
- Ensure electrodes fit completely on the patient's torso. Electrodes should not touch.
- Do not open package until immediately prior to use.
- Check cable connector for damage prior to use. Do not use if damaged.
- Do not place electrode over broken skin.
- Do not crush or store under heavy objects.
- Electrodes are not repositionable.
- Check expiration date on package regularly. Do not use if beyond the expiration date.
- Misuse or misapplication of any electrode pad may result in patient burns or ineffective therapy.
- Do not use on patients weighing less than  $\geq 8$  years or  $\geq 25$  kg (55 lbs.).


### Disposal:

Follow facility protocol for proper disposal of medical waste.

For a patient/user/third party in the European Union and in countries with identical regulatory regime (Regulation 2017/745/EU on Medical Devices); if, during the use of this device or as a result of its use, a serious incident has occurred, please report it to the manufacturer and/or its authorised representative and to your national authority.

This device is intended to be used by trained medical personnel (paramedics, nurses, doctors etc.). However, if connected to automated external defibrillators (AEDs), the defibrillator electrodes may also be used by laypersons in the absence of a medical professional.

This product cannot be adequately cleaned and/or sterilized by the user in order to facilitate safe reuse, and is therefore intended for single use. Attempts to clean or sterilize these devices may result in a bio-incompatibility, infection or product failure risks to the patient.

Do not use if package is opened or damaged. • MR Unsafe – an item that is known to pose hazards in all MR environments. Not made with natural rubber latex • Not made with DEHP • Type BF applied part • Dangerous Voltage •  Medical Device





**Rx  
ONLY**

Single use



Do not use if  
package is opened  
or damaged



Caution



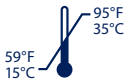
MR Unsafe



Not made  
with natural  
rubber latex



**DEHP**  
Not made  
with DEHP



Temperature  
limitation



Keep away  
from sunlight



Keep dry



Type BF  
applied part



Dangerous  
voltage



Medical Device

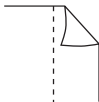
 **Cardinal Health 200, LLC**  
3651 Birchwood Drive, Waukegan, IL 60085 USA  
2020-08 - cardinalhealth.com  
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Ireland Manufacturing Limited**  
Tullamore Business & Technology Park  
Tullamore, County Offaly, R35 H903 Ireland



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ΣΗΜΑΝΤΙΚΕΣ Πληροφορίες  
DŮLEŽITÉ informácie  
SVARBI informacija

PT00058716

## WARNINGS:

Place electrodes on the patient according to device operating instructions for automated or manual defibrillation, ECG monitoring, or pacing.

Place electrodes away from implanted devices if possible to prevent interference. Possible skin burns or ineffective therapy due to air pockets, damaged, or dried out electrodes.

- Apply so entire electrode adheres to skin.
- Repositioning not recommended.
- Replace with new electrodes if necessary.
- Do not open package until immediately prior to use.
- Do not use beyond Use By date.
- Check that adhesive is intact and undamaged.
- Replace electrodes after 50 shocks, 8 hours of continuous pacing or 24 hours on skin.
- Do not crush, fold, trim, or store under heavy objects.
- Do not use if electrode is damaged.

Possible patient skin burns with noninvasive pacing.

- Skin burns may appear on pediatric patients after 30 minutes of pacing.
- Discontinue noninvasive pacing if skin burn develops and another method of pacing is available.
- On cessation of pacing, immediately remove or replace electrodes.

Possible fire, burns, and ineffective energy delivery.

- Do not discharge hand-held paddles through these electrodes.
- Do not allow electrodes to touch each other, ECG electrodes, lead wires, dressings, or other items on the patient's chest.
- Do not use in the presence of a Magnetic Resonance Imaging (MRI) device.

Shock or fire hazard.

- Do not immerse in water or fluids, sterilize or clean.

**!USA** | Rx Only

To reorder 1-800-442-1142

## IMPORTANT:

Use only with devices configured for QUIK-COMBO electrodes.

Prior to use, be thoroughly familiar with device operating instructions.

Use separate ECG electrodes and cable when performing noninvasive pacing.

Do not use alcohol, tincture of benzoin, or antiperspirant to prep the skin.

Not sterile.

Placement A or B: Maintain at least 2.5 cm (1 inch) separation between electrodes.

Use electrodes on pediatric patients only if they fit completely on the torso and have at least 2.5 cm (1 inch) of space between electrodes.

### Symbol

### Definition



Item is latex free



Type BF patient connection



Single use only



Warning: high voltage



Attention: consult accompanying documents



Do not dispose of this product in the unsorted municipal waste stream.  
Dispose of this product according to local regulations.



Recommended storage temperatures of 15° to 35°C (59° to 95°F).  
Storage at extreme temperatures of -30° or 65°C (-22° or 149°F)  
is limited to seven days. If storage at these temperatures exceeds one  
week, the electrode shelf-life is reduced.



For USA audiences only



By prescription only

*INTENTIONALLY  
BLANK*

*INTENTIONALLY  
BLANK*



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**Physio-Control, Inc.**

11811 Willows Road NE  
Redmond, WA 98052 USA  
Telephone: 425.867.4000  
Toll Free (USA only):  
800.442.1142  
Fax: 425.867.4121  
[www.physio-control.com](http://www.physio-control.com)

**Physio-Control Australia Pty Ltd**

Suite 4.01  
15 Orion Road  
Lane Cove  
NSW 2066  
Australia



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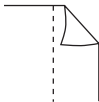
Physio-Control, Inc. , 11811 Willows Road NE,  
Redmond, WA 98052 USA

Physio-Control Operations Netherlands B.V.  
Galjoenweg 68, 6222 NV Maastricht, The Netherlands



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Publication Date: June 2015



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**WAŻNE** informacje  
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**ВАЖНЫЕ** сведения  
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重要な情報

PT00058718



# ENGLISH

## WARNINGS:

Place electrodes away from implanted devices if possible to prevent interference. Possible skin burns or ineffective therapy due to air pockets, damaged, or dried out electrodes.

- Apply so entire electrode adheres to skin.
- Repositioning not recommended.
- Replace with new electrodes if necessary.
- Do not open package until immediately prior to use.
- Do not use beyond Use By date.
- Check that adhesive is intact and undamaged.
- Replace electrodes after 25 shocks, 8 hours of continuous pacing or 24 hours on skin.
- Do not crush, fold, trim, or store under heavy objects.
- Do not use if electrode is damaged.

Possible patient skin burns.

- Skin burns may appear with delivery of 100J shocks or after 30 minutes of pacing.
- Discontinue noninvasive pacing if skin burn develops and another method of pacing is available.
- On cessation of pacing, immediately remove or replace electrodes.

Possible fire, burns, and ineffective energy delivery.

- Do not discharge hand-held paddles through these electrodes.
- Do not allow electrodes to touch each other, ECG electrodes, lead wires, dressings, or other items on the patient's chest.
- Do not use in the presence of a Magnetic Resonance Imaging (MRI) device.

Shock or fire hazard.

- Do not immerse in water or fluids, sterilize or clean.

**!USA Rx Only**

To reorder 1-800-442-1142

# IMPORTANT:

Use only with devices configured for QUIK-COMBO electrodes.

Not to be used with LIFEPAK 500, LIFEPAK 1000, LIFEPAK CR Plus or LIFEPAK EXPRESS defibrillators.

Prior to use, be thoroughly familiar with device operating instructions.

Use separate ECG electrodes and cable when performing noninvasive pacing.

Do not use alcohol, tincture of benzoin, or antiperspirant to prep the skin.

Not sterile.

Placement A or B: Maintain at least 2.5 cm (1 inch) separation between electrodes.

## Symbol

## Definition



Item is latex free



Type BF patient connection



Single use only



Warning: high voltage



Attention: consult accompanying documents



Do not dispose of this product in the unsorted municipal waste stream.  
Dispose of this product according to local regulations.



Recommended storage temperatures of 15° to 35°C (59° to 95°F).  
Storage at extreme temperatures of -30° or 65°C (-22° or 149°F)  
is limited to seven days. If storage at these temperatures exceeds one  
week, the electrode shelf-life is reduced.

!USA

For USA audiences only

Rx Only

By prescription only



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11811 Willows Road NE  
Redmond, WA 98052 USA  
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[www.physio-control.com](http://www.physio-control.com)

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15 Orion Road  
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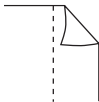
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# ENGLISH

## WARNINGS:

Place electrodes on the patient according to device operating instructions for automated or manual defibrillation, ECG monitoring, or pacing.

Place electrodes away from implanted devices if possible to prevent interference. Possible skin burns or ineffective therapy due to air pockets, damaged, or dried out electrodes.

- Apply so entire electrode adheres to skin.
- Repositioning not recommended.
- Replace with new electrodes if necessary.
- Do not open package until immediately prior to use.
- Do not use beyond Use By date.
- Check that adhesive is intact and undamaged.
- Replace electrodes after 50 shocks, 8 hours of continuous pacing or 24 hours on skin.
- Do not crush, fold, trim, or store under heavy objects.
- Do not use if electrode is damaged.

Possible patient skin burns with noninvasive pacing.

- Skin burns may appear on pediatric patients after 30 minutes of pacing.
- Discontinue noninvasive pacing if skin burn develops and another method of pacing is available.
- On cessation of pacing, immediately remove or replace electrodes.

Possible fire, burns, and ineffective energy delivery.

- Do not discharge hand-held paddles through these electrodes.
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- Do not use in the presence of a Magnetic Resonance Imaging (MRI) device.

Shock or fire hazard.

- Do not immerse in water or fluids, sterilize or clean.

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## IMPORTANT:

Use only with devices configured for QUIK-COMBO electrodes.

Prior to use, be thoroughly familiar with device operating instructions.

Use separate ECG electrodes and cable when performing noninvasive pacing.

Do not use alcohol, tincture of benzoin, or antiperspirant to prep the skin.

Not sterile.

Placement A or B: Maintain at least 2.5 cm (1 inch) separation between electrodes.

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