

# Indication chart

INDICATION	ADULT	INFANT
Long-Term Monitoring	<b>H925G, H345G</b> , H365G, H985G, H995G, H55G MEDI-TRACE 700, MEDI-TRACE 200	<b>H1355G, H1245G</b> MEDI-TRACE Mini 100 <b>H59P</b> , H49P, H69P, H935G, H1405G, H1415G
Short-Term Monitoring	<b>H661G</b> , H98LG H99LG, H34LG	<b>H1355G, H1245G</b> MEDI-TRACE Mini 100 <b>H59P</b> , H49P, H69P, H935G, H1405G, H1415G
Emergency Monitoring (packaging in strips)	MEDI-TRACE 233, 235, 733, 735	MEDI-TRACE 133
Resting ECG	Q-TRACE electrodes, H9145G	Q-TRACE electrodes
X-Ray, CT, MRI	<b>H345G</b> , H135TSG, H91TSG MEDI-TRACE 750	<b>H135TSG</b>
Stress Test	<b>H345G, H34LG</b> , H9155G H715G, MEDI-TRACE 530, MEDI-TRACE 700	H1355G H140LG, H141LG
Holter	<b>H345G</b> , H34LG, H715G H9155G, MEDI-TRACE 530, MEDI-TRACE 700	H1405G H141LG, H1355G
Cath Labs	<b>H345G</b> , MEDI-TRACE 750 H135TSG, H914TSG	<b>H135TSG</b>
EMG, Evoked Potentials Special Applications (e.g Hearing diagnostics)	<b>H1245G</b> , MEDI-TRACE 133 H935G	H1245G, MEDI-TRACE 133 H935G, H59P, H69P

*This indication chart is based on our market experience and represents our recommendation only. The electrodes which appear in bold type are the most commonly used Kendall electrodes in the European, Middle East and African regions.*

## OTHER MONITORING ACCESSORIES AVAILABLE

- Neonatal pre-wired electrodes **New models available!**
- Reusable limb clamp and chest suction ECG electrodes
- Monitoring, Diagnostic and Holter ECG spare cables
- Contact media-ultrasound, ECG gels and creams
- Medical charts and video printer paper
- Temperature probes and interface cables
- Conventional and new safe foetal scalp electrodes, intrauterine pressure catheters and accessories **New models available!**
- Pulse oximetry sensors and interface cables
- VARTA™\* and DURACELL™\* Procell™\* batteries for hospital battery operated equipment



MEDI-TRACE™ CADENCE Multifunction Defibrillation Electrodes for monitoring, defibrillation & synchronized cardioversion.

- safe
- fast
- easy



Now available also as MEDI-TRACE Cadence Pre-Connect with leads out of the pouch

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M-EL-ECGFOLD/GB Rev. 2007/09 TY0598



**ECG ELECTRODES**  
Where quality leads...



WWW.COVIDIEN.COM

## HYDROGEL ELECTRODES

### ECG ELECTRODES

Kendall ECG electrodes meet the requirements of departments throughout the hospital, including intensive care units, theatres, outpatient departments, wards and ambulance service. This complete range offers electrodes for all applications.

### PROGRAMME

Advanced manufacturing technologies result in a safe, reliable and economic product line incorporating:

- a variety of different shaped electrodes for easy application to variable anatomic areas
- a broad range of backing materials suitable for all patient skin types
- patented gel formulas, which exceed AAMI electrical standards
- non-irritating, non sensitising adhesive designed to minimise allergic reactions
- Latex free, PVC free
- two-year shelf life for all electrodes, marked clearly on pouches, boxes and cases
- electrodes packaged individually, and in special packaging configurations, on request
- Schematic pictures and dimensions of packaged electrodes available on all levels of packaging to allow faster end user's orientation

**Made to meet  
your needs**

## KENDALL ECG ELECTRODES FOR LONG-TERM MONITORING

Kendall long-term monitoring electrodes feature a high quality Ag/AgCl tracing eyelet and a press stud which provides an easy, reliable connection. A full range of backing materials allows the user to select the most suitable electrode for the individual patient.

The solid hydrogel used on all Kendall electrodes is adhesive and conductive and requires no clean up. As a new added value of certain types of electrodes we have introduced a new fast formula of gel with the ability to further reduce skin impedance on application.

Available also as radiolucent and MRI certified version (H91TSG)!

**H92SG**  
REF 31.1925.21

New fast solid hydrogel formula, foam backing, oval shape for easy placement, 48x34mm

The same electrode is now available as x-ray and MRI certified under the ref code 31.1915821 and match code H91TSG. The same electrode is now available on perforated liner under the ref code 31.1065.91 and match code H5SG



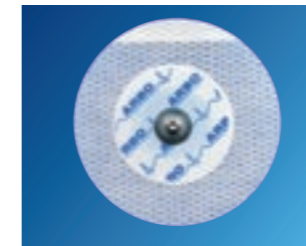
**H98SG**  
REF 31.1986.21

New fast solid hydrogel formula, micropore backing, Ø 60mm



**H99SG**  
REF 31.1996.21

New fast solid hydrogel formula, cloth backing, Ø 55mm



**H36SG**  
REF 31.1400.21

New fast solid hydrogel formula, foam backing, rectangular shape for easy placement, reinforced electrode centre to reduce movement artifacts, press stud adapter, 36x45mm



**7605 BIOTAC™ CLOTH**  
REF 31043170

Hydrogel, cloth backing, 47x47mm



**MEDI-TRACE™ 200**  
REF 31050522

Hydrogel, foam backing, Ø 35mm; packaging on perforated liner allows easy division to strips and eches



**MEDI-TRACE™ 700**  
REF 22700

Hydrogel, clear tape substrate (made of polyester), suitable for all applications including stress, holter and general monitoring due to aggressive but skin friendly adhesive, Ø 45mm available on perforated liner, which allows electrode to be split to strips or singles, available in different packaging configurations



MATCH CODE	REF	PC/POUCH	PC/BOX	PC/CARTON
H92SG	31.1925.21	50	500	6000
H5SG	31.1065.91	100 (5x20)	-	1000
H91TSG	31.1915821	50	500	6000
H98SG	31.1986.21	30	300	3600
H99SG	31.1996.21	30	300	3600
H36SG	31.1400.21	30	300	3600
7605 BIOTEC Cloth	31043170	50	-	600
MEDI-TRACE 200	31050522	100 (5x20)	-	1000
MEDI-TRACE 700	22700	50	-	1000
	22733	strip of 3	-	600
	22735	strip of 5	-	600

All electrodes listed on this page have a shelf life of two years from the date of manufacture.

All products listed on this page are Latex and PVC free.

## HYDROGEL ELECTRODES

### KENDALL MULTIPURPOSE ECG ELECTRODES



**H34SG**  
REF 31.1946.21

New fast solid hydrogel formula, foam backing, radiolucent carbon eyelet, Ag/AgCl sensor, extra strong adhesive, particularly suitable for stress and Holter testing, abrader, Ø 45mm (Tested for 72 hours of use, can remain in place during washing/showering)



**MEDI-TRACE 750**  
REF 22750

Hydrogel, clear tape substrate (made of polyester), radiolucent, suitable for all applications including stress, Holter and general monitoring due to aggressive, but skin friendly adhesive, Ø 45mm, available on perforated liner, which allows electrode to be split to convenient strips or singles

MATCH CODE	REF	PC/POUCH	PC/BOX	PC/CARTON
H34SG	31.1946.21	30	300	3600
MEDI-TRACE 750	22750	50	-	1000

### KENDALL ECG ELECTRODES PARTICULARLY FOR STRESS TEST AND HOLTER



**H91SSG**  
REF 31.1917.21

Ag/AgCl sensor, press-stud adapter, foam backing, new fast solid hydrogel formula, adhesive particularly designed for stress test ECG, oval shape for easy placement, economic brand, 48x34mm



**H34LG**  
REF 31.1345.21

Liquid Gel, Ag/AgCl sensor, press-stud adapter, extra strong adhesive, particularly suitable for stress and Holter testing, foam backing, Ø 45mm (Tested for 72 hours of use, can remain in place during washing/showering)



**H71SG**  
REF 31.1715.21

Ag/AgCl sensor, press-stud adapter, foam backing, new fast solid hydrogel formula, with cable fixing, stress adhesive, designed especially for Holter ECG, 52x58mm



**MEDI-TRACE 530**  
REF 31013926

Ag/AgCl sensor, press-stud adapter, 2mm thick foam backing, round, for Holter and stress test applications, Ø 45mm

MATCH CODE	REF	PC/POUCH	PC/BOX	PC/CARTON
H91SSG	31.1917.21	50	500	6000
H34LG	31.1345.21	30	300	3600
H71SG	31.1715.21	30	300	3600
MEDI-TRACE 530	31013926	30	-	600

### KENDALL ECG LONG-TERM MONITORING ELECTRODES

SMALLER SIZES, SUITABLE FOR PAEDIATRIC, NEUROLOGICAL AND SPECIALIST APPLICATIONS



**H135SG**  
REF 31.1355.21

Ag/AgCl sensor with press-stud connector, new fast solid hydrogel formula, foam backing, Ø 35mm



**H135TSG**  
REF 31.1355821

As H135SG but equipped with radiolucent carbon eyelet, suitable for MRI and all other X-ray applications



**H124SG**  
REF 31.1245.21

Ag/AgCl sensor, press-stud connector, new fast solid hydrogel formula, foam backing, Ø 24mm



**H93SG**  
REF 31.1935.21

Ag/AgCl sensor, press-stud connector, new fast solid hydrogel formula, foam backing, 35x26mm



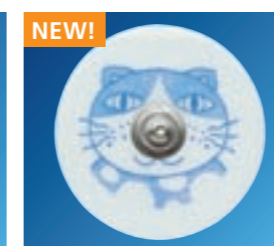
**REF 31118733**  
REF 31439725

MEDI-TRACE Mini 100 (REF 31118733) Hydrogel, foam backing, Ø 30mm; packaging on perforated liner allows easy division to strips and MEDI-TRACE 133 (REF 31439725) Hydrogel, foam backing, Ø 30mm



**H140SG**  
REF 31.1406.21

Ag/AgCl sensor with press-stud adapter, new fast solid hydrogel micropore substrate, Ø 40mm



**H141SG**  
REF 31.1416.21

Ag/AgCl sensor with press-stud adapter, new fast solid hydrogel foam backing, Ø 40mm



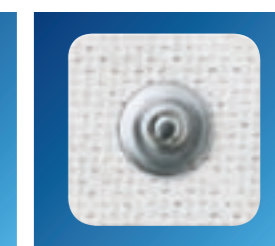
**H59P**  
REF ES40076

Ag/AgCl sensor, press-stud connector, FULL SURFACE hydrogel no adhesive, repositionable, cloth backing 35x22mm



**H49P**  
REF ES40030

as H59P but 35x35mm



**H69P**  
REF ES40281

as H59P but 22x22mm

MATCH CODE	REF	PC/POUCH	PC/BOX	PC/CARTON
H135SG	31.1355.21	50	500	6000
H135TSG	31.1355821	50	500	6000
H124SG	31.1245.21	50	500	6000
H93SG	31.1935.21	50	500	6000
H140SG	31.1406.21	30	300	3600
H141SG	31.1416.21	30	300	3600
H49P	ES40030	30 (10x3ea)	-	450
H59P	ES40076	30 (10x3ea)	-	450
H69P	ES40281	30 (10x3ea)	-	450
MEDI-TRACE Mini 100	31118733	100 (5x20)	-	1000
MEDI-TRACE 133	31439725	3 pcs./strip	-	600

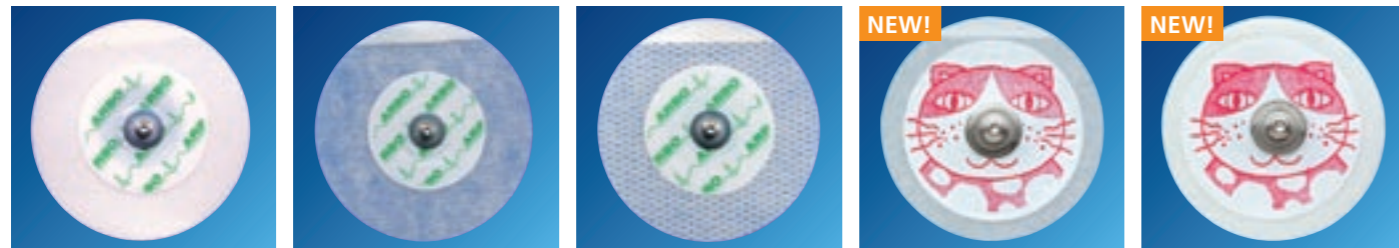


**KENDALL LIQUID GEL ECG ELECTRODES FOR SHORT-TERM MONITORING**

(up to 24 hours)

Liquid gel electrodes result in particularly very low skin impedance and are ideal for emergency applications, such as monitoring during and after defibrillation. Physicians may also select these electrodes for stress testing and other short-term applications.

These electrodes provide excellent contact with the patient's skin and there is little need for preparing the patients skin prior to application. This may significantly reduce costs and save time.



- H66LG**  
REF 31.1663.21  
liquid gel Ag/AgCl sensor, press-stud adapter, foam backing, Ø 55mm
- H98LG**  
REF 31.1985.21  
liquid gel Ag/AgCl sensor, press-stud adapter, micropore backing, Ø 60mm
- H99LG**  
REF 31.1995.21  
liquid gel Ag/AgCl sensor, press-stud adapter, cloth backing, Ø 55mm
- H140LG**  
REF 31.1405.21  
liquid gel Ag/AgCl sensor, press-stud adapter, micropore backing, Ø 40mm
- H141LG**  
REF 31.1415.21  
liquid gel Ag/AgCl sensor, press-stud adapter, foam backing, Ø 40mm

MATCH CODE	REF	PC/POUCH	PC/BOX	PC/CARTON
H66LG	31.1663.21	30	300	3600
H98LG	31.1985.21	30	300	3600
H99LG	31.1995.21	30	300	3600
H140LG	31.1405.21	30	300	3600
H141LG	31.1415.21	30	300	3600

**SKIN PREPARATION PRODUCTS**



PRODUCT DESCRIPTION	REF	PC/BOX
Every 50g	3550000050	50
Every 160g	3550000160	24

*For EVERY procedure there is a good reason to prepare the skin before ... with our special paste.*

- improves tracing quality
- improves electrodes adhesion
- reduces number of artefacts through reduced skin impedance
- cleans the skin
- three years shelf life

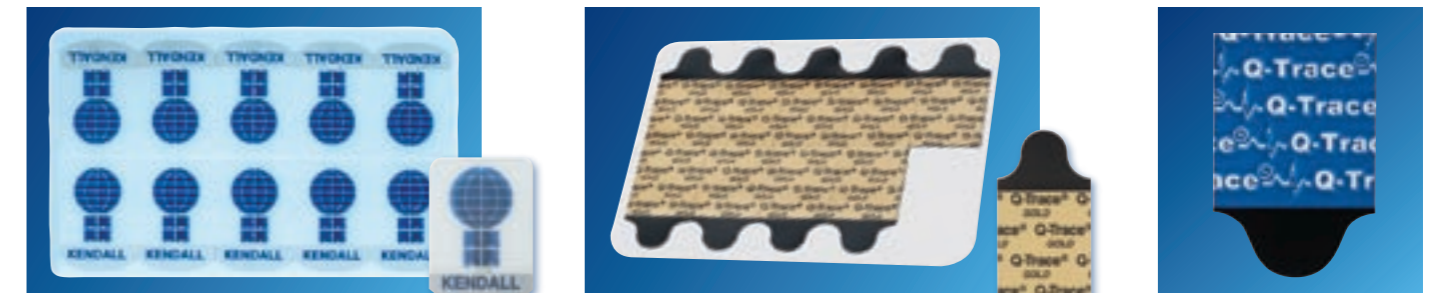
All electrodes listed on this page have a shelf life of two years from the date of manufacture.

All products listed on this page are Latex and PVC free.

**KENDALL DIAGNOSTIC (RESTING) ECG ELECTRODES**

**DISPOSABLE ECG TAB ELECTRODES**

Ag/AgCl sensor in various designs, suitable for crocodile connector; clear tape substrate backing; conductive adhesive hydrogel covering all the contact surface; TAB style electrodes.



- CA610 KENDALL CARE™**  
REF 31447793  
23x32mm
- Q-TRACE™ GOLD 5500**  
REF 30807732  
22x31mm
- Q-TRACE 5400**  
REF 31433538  
23x25



**N91 TAB ADAPTER**  
REF 3390.0400.01

Universal connector to adapt 4mm banana plug cables to fit TAB or SNAP electrodes, features 15cm long lead



**A34 TAB ADAPTER**  
REF 22660

Universal connector to adapt 4mm banana plug cables to fit TAB or flat electrodes, securely fixing the electrode, light weight, snap, compact

**CONVENTIONAL STYLE DISPOSABLE ECG RESTING ELECTRODES**

Now available also as radiolucent!



**H9145G**  
REF 31.1914.21  
**H914TSG**  
REF 31.1914821 (RADIOLUCENT)

Disposable ECG electrode, Ag/AgCl sensor, new fast solid hydrogel formula, 48x34mm, foam backing, compatible with 4mm banana plug

MATCH CODE	REF	PC/POUCH	PC/BOX	PC/CARTON
CA610	31447793	100	1000	4000
Q-TRACE 5400	31433538	100	1000	4000
Q-TRACE Gold 5500	30807732	100	500	2000
H9145G	31.1914.21	30	300	3600
H914TSG	31.1914821	30	300	3600
N91 TAB Adapter	3390.0400.01	1	-	-
A34	22660	10	-	-

All electrodes listed on this page have a shelf life of two years from the date of manufacture.

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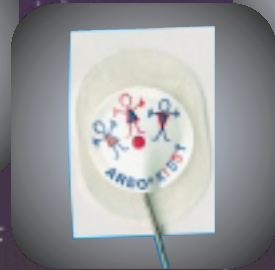
**KENDALL**

ELEKTRODY  
EKG DLA  
NOWORODKÓW

OSŁONY  
OCHRONNE  
NA OCZY

PODKŁADKI  
USZTYWNIAJĄCE

# Elektrody do EKG z przewodami dla noworodków



**tyco**

Healthcare

**KENDALL**

## Elektrody z przezroczystym żelem Kendall ARBO® Kiddy



Przezroczysty żel został stworzony specjalnie do elektrod dla noworodków. Jego zdolność do utrzymywania wysokiej wilgotności jest szczególnie cenna w inkubatorach.

Może być używany do trzech dni – dzięki swej znakomitej adhezyjności oraz łagodnemu oddziaływaniu na skórę.



**H87PG/F**  
Nr ref. 31.5872.04

Elektroda mikroporowata ARBO® Kiddy do monitorowania EKG u noworodków, styk chlorosrebrowy (Ag/AgCl), okrągła, średn. 30mm, przewody 60cm kodowane kolorami wg IEC, złącze DIN 1,5 mm



**H27PG/F**  
Nr ref. 31.5273.03

Elektroda mikroporowata ARBO® Kiddy do monitorowania EKG u noworodków, styk chlorosrebrowy (Ag/AgCl), okrągła, średn. 22mm, przewody 60cm kodowane kolorami wg IEC, złącze DIN 1,5 mm



**H207PG/F**  
Nr ref. 31.5072.03

Elektroda mikroporowata ARBO® Kiddy do monitorowania EKG u noworodków, styk chlorosrebrowy (Ag/AgCl), owalna, 22×30mm, przewody 60cm kodowane kolorami wg IEC, złącze DIN 1,5 mm



**H203PG**  
Nr ref. 31.5032.26

Elektroda mikroporowata ARBO® Kiddy do monitorowania EKG u noworodków, styk chlorosrebrowy (Ag/AgCl), owalna, 22×30mm, przewody 50cm białe, złącze bananowe żeńskie 4mm

Nr ref.	Opis	Wielkość	Ilość w opak.	Opak w pud.	Pud. w paczce
31.5872.04	H87PG/F	30mm	3	120 (40 x 3)	2880 (24 x 120)
31.5273.03	H27PG/F	22mm	3	120 (40 x 3)	2880 (24 x 120)
31.5072.03	H207PG/F	22 x 30mm	3	120 (40 x 3)	2880 (24 x 120)
31.5032.26	H203PG	22 x 30mm	3	120 (40 x 3)	3840 (32 x 120)

## Wersja radioprzezierna Kendall ARBO® Kiddy



**H207PGT**  
Nr ref. 31.5072824

Elektroda mikroporowata ARBO® Kiddy do monitorowania EKG u noworodków, styk chlorosrebrowy (Ag/AgCl), owalna, 22×30mm, przewody węglowe 90cm, złącze bezpieczne DIN 1,5 mm

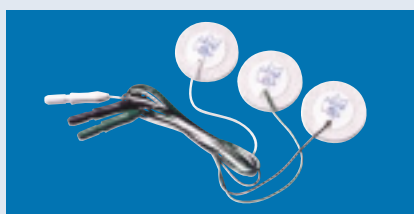


**H203PGT**  
Nr ref. 31.5039124

Elektroda mikroporowata ARBO® Kiddy do monitorowania EKG u noworodków, styk chlorosrebrowy (Ag/AgCl), owalna, 22×30mm, przewody węglowe 90cm, złącze bananowe żeńskie 4mm

Nr ref.	Opis	Wielkość	Ilość w opak.	Opak w pud.	Pud. w paczce
31.5072824	H207PGT	22 x 30mm	3	90 (30 x 3)	2160 (24 x 90)
31.5039124	H203PGT	22 x 30mm	3	90 (30 x 3)	2160 (24 x 90)

## Elektrody do EKG dla noworodków Kendall KittyCat™



### KittyCat™ z podłożem z tkaniny

Elektrody Kendall na podłożu z miękkiej tkaniny są delikatne i dobrze przylegają do skóry. Ich spodnia strona jest pokryta hydrożelem przewodzącym dla uzyskania optymalnego przylegania i styku elektrycznego



**1050NPSM (metalowa)**  
Nr ref. 31424768

Elektroda Kendall KittyCat™ na miękkiej tkaninie, do monitorowania EKG noworodków, styk chlorosrebrowy (Ag/AgCl), okrągła, 2,5 cm, przewody 60 cm, kodowane kolorem wg AAMI, z samoprzylegającym hydrożelem przewodzącym i złączem bezpiecznym DIN 1,5 mm



**1052NPSM (metalowa)**  
Nr ref. 31424735

Elektroda Kendall KittyCat™ na miękkiej tkaninie, do monitorowania EKG noworodków, styk chlorosrebrowy (Ag/AgCl), okrągła, 3 cm, przewody 60 cm, kodowane kolorem wg AAMI, z samoprzylegającym hydrożelem przewodzącym i złączem bezpiecznym DIN 1,5 mm



**1051NPSM (węglowa)**  
Nr ref. 31424743

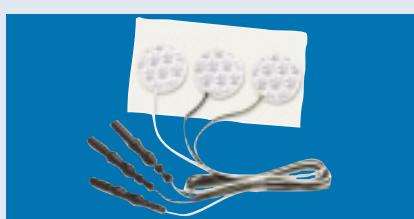
Elektroda Kendall KittyCat™ na miękkiej tkaninie, do monitor. EKG noworodków, styk chlorosrebr. (Ag/AgCl), okrągła, 2,5 cm, przew. 60 cm, kodowane kolorem wg AAMI, z samoprzylegającym hydrożelem przewodzącym i złączem bezp. DIN 1,5 mm, RADIOPRZEZIERNY



**1053NPSM (węglowa)**  
Nr ref. 31424719

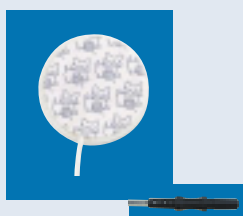
Elektroda Kendall KittyCat™ na miękkiej tkaninie, do monitor. EKG noworodków, styk chlorosrebr. (Ag/AgCl), okrągła, 3 cm, przew. 60 cm, kodowane kolorem wg AAMI, z samoprzylegającym hydrożelem przewodzącym i złączem bezp. DIN 1,5 mm, RADIOPRZEZIERNY

Nr ref.	Opis	Wielkość	Ilość w opak.	Opak w pud.	Pud. w paczce
31424768	1050NPSM	25mm	3	-	300 (100 x 3)
31424743	1051NPSM	25mm	3	-	300 (100 x 3)
31424735	1052NPSM	30mm	3	-	300 (100 x 3)
31424719	1053NPSM	30mm	3	-	300 (100 x 3)



### KittyCat™ z podłożem piankowym

Elektrody Kendall wykonane z trwałej pianki, nieprzepuszczalnej dla płynów. Elektroprowadzący samoprzylegający hydrożel skutecznie mocuje ją na każdym rodzaju skóry. Elektrody dostępne zarówno w wersji kodowanej kolorami AAMI (biały, zielony i czarny), jak i IEC (czerwony, żółty i czarny).



**4103 KittyCat™ Foam**  
Nr ref. 30710001 (kolory przewodów wg AAMI)

**4203 KittyCat™ Foam**  
Nr ref. 31368072 (kolory przewodów wg IEC)

Elektroda piankowa KittyCat™ Foam do monitorowania EKG noworodków, styk chlorosrebrowy (Ag/AgCl), okrągła, 22 mm, przewody 60 cm, kodowane kolorem wg AAMI lub IEC, ze złączem bezpiecznym DIN 1,5 mm i samoprzylegającym hydrożelem przewodzącym

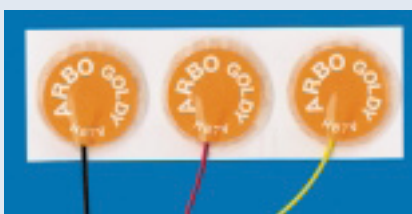


**4105 KittyCat™ Foam**  
Nr ref. 31086575

Elektroda piankowa KittyCat™ Foam do monitorowania EKG noworodków, styk chlorosrebrowy (Ag/AgCl), owalna, 22 x 30 mm, przewody 60 cm, kodowane kolorem wg AAMI, ze złączem bezpiecznym DIN 1,5 mm i samoprzylegającym hydrożelem przewodzącym

Nr ref.	Opis	Wielkość	Ilość w opak.	Opak w pud.	Pud. w paczce
30710001	4103 Round	22mm	3	-	300 (100 x 3)
31086575	4105 Oval	22 x 30mm	3	-	300 (100 x 3)
31368072	4203 (IEC)	22mm	3	-	300 (100 x 3)

## Elektrody ARBO® Goldy z żelu Karaya



Żel Karaya, pozyskiwany z surowców naturalnych, jest unikatowym produktem firmy Kendall.

Wykazuje naturalną kleistość, doskonale przylegając nawet do nieoczyszczonej skóry noworodka bez jej uszkodzania. Elektroda może być wielokrotnie przemieszczana bez utraty zdolności adhezji do skóry.



**ARBO® H87V Goldy**  
Nr ref. 31.3870.24

Elektroda mikroporowata do monitorowania EKG noworodków, styk chlorosrebrowy (Ag/AgCl), okrągła, 30mm, przewody 60cm, białe, z żelem Karaya i złączem bezpiecznym DIN 1,5mm



**ARBO® H87V/F Goldy**  
Nr ref. 31.3873.25

Elektroda mikroporowata do monitorowania EKG noworodków, styk chlorosrebrowy (Ag/AgCl), okrągła, 30mm, przewody 60cm kodowane kolorem wg IEC, z żelem Karaya i złączem bezpiecznym DIN 1,5mm



**ARBO® H27V Mini Goldy**  
Nr ref. 31.4273.26

Elektroda mikroporowata do monitorowania EKG noworodków, styk chlorosrebrowy (Ag/AgCl), okrągła, 22mm, przewody 60cm, białe, z naturalnym żelem Karaya i złączem bezpiecznym DIN 1,5mm

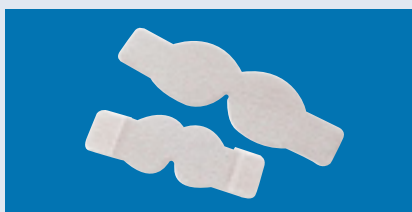


**ARBO® H83V Goldy**  
Nr ref. 31.3835.25

Elektroda mikroporowata do monitorowania EKG noworodków, styk chlorosrebrowy (Ag/AgCl), okrągła, 30mm, przewody 50cm, białe, z naturalnym żelem Karaya i złączem bananowym żeńskim

Nr ref.	Opis	Wielkość	Ilość w opak.	Opak w pud.	Pud. w paczce
31.3870.24	H87V	30mm	15 (5 x 3)	120 (8 x 15)	3840 (32 x 120)
31.3873.25	H87V/F	30mm	3	120 (40 x 3)	2880 (24 x 120)
31.4273.26	H27V	22mm	3	120 (40 x 3)	2880 (24 x 120)
31.3835.25	H83V	30mm	15 (5 x 3)	120 (8 x 15)	3840 (32 x 120)

## Pozostałe akcesoria do OPIEKI NOWORODKOWEJ



### Ostony do ochrony oczu

Do stosowania podczas fototerapii

Nr ref. MI 00575

Nr ref. MI 00625



### Podkładki usztywniające

Do unieruchomienia kończyny z wkłuciem dożylnym

Nr ref. MI 00880

Nr ref. MI 00775

Nr ref. MI 00850

Nr ref.	Opis	Wielkość	Ilość w opak.	Opak w pud.	Pud. w paczce
MI 00880	6201		1	50	200
MI 00775	6202		1	50	200
MI 00850	6203		1	50	200
MI 00575	6002		1	50	200
MI 00625	6003		1	50	200



## Elektrody Kendall ARBO® Kiddy

Kendall ARBO® Kiddy to szeroka oferta elektrod noworodkowych do EKG, niezbędnych w większości zastosowań, zaopatrzone w białe lub kodowane kolorami wg IEC odprowadzenia elektryczne. Kiddy oferuje bogaty asortyment uniwersalnych elektrod mikroporowatych z samoprzylegającym hydrożelem elektroprzewodzącym, zapewniającym optymalne parametry styku. W ofercie znajdują się także modele RADIOPRZEZIERNE.

## Elektrody Kendall LTP KittyCat™

Elektrody Kendall LTP KittyCat™ są zaopatrzone w odprowadzenia kodowane kolorami wg IEC lub AAMI, do wyboru. Składają się albo z podłoża piankowego, albo z miękkiej tkaniny, pokrytej po spodniej stronie elektroprzewodzącym samoprzylegającym hydrożelem. Również ta linia posiada modele RADIOPRZEZIERNE.

## Elektrody z żelem Karaya Kendall ARBO® Goldy

Żel Karaya, charakteryzujący się wysoką adhezją, uzyskiwany jest ze źródeł naturalnych i spotykany niemal wyłącznie w elektrodach ARBO®. Naturalna kleistość, nawet na zanieczyszczonej skórze, umożliwia wielokrotne odrywanie i ponowne przyklejanie elektrody bez uszkodzania delikatnej skóry noworodka. Jako produkt naturalny, żel Karaya wykazuje bardzo małe działanie alergizujące i jest nietoksyczny, co pozwala zapomnieć o uczuleniach i odczynach skórnych i zapewnia komfort pacjentowi.

## Dlaczego elektrody firmy Kendall są wybierane przez oddziały noworodkowe na całym świecie?

Odpowiedź jest jedna – nowoczesna technologia produkcji i ścisłe procedury kontrolne pozwalają zaoferować bezpieczne, skuteczne i ekonomiczne elektrody, których jakość spełnia oczekiwania odbiorców. Nasza oferta odpowiada zróżnicowanym wymaganiom, pozwalając dobrać elektrody dokładnie wypełniające potrzeby pacjenta. W jej skład wchodzi:

- elektrody okrągłe i owalne, zapewniające pewne przyleganie w różnych okolicach ciała
- przyłączenie poprzez typowe złącze bezpieczne DIN lub 4 mm gniazdo bananowe
- szeroki wybór materiałów podłoża, umożliwiający właściwy dobór elektrody zależnie od cech skóry pacjenta
- zastrzeżone receptury żelów, o parametrach elektrycznych często przewyższających wymogi określone normami AAMI
- wszystkie oferowane produkty są wolne od lateksu i polichloru winylu.

## Przewodnik po elektrodach EKG dla noworodków firmy Kendall

Nr ref.	Opis	Marka	Wielkość (mm)	kolory wg AAMI	kolory wg IEC	białe odprow.	pianka	tkanina	mikro-por	stały hydro-żel	Karaya	Rtg	DIN	4 mm gniazdo banan.
31.5872.04	H87PG/F	Kiddy	30		60cm				x	x			x	
31.5273.03	H27PG/F	Kiddy	22		60cm				x	x			x	
31.5072.03	H207PG/F	Kiddy	22 x 30		60cm				x	x			x	
31.5032.26	H203PG	Kiddy	22 x 30			50cm			x	x				x
31.5072824	H207PGT	Kiddy	22 x 30			90cm			x	x		x	x	
31.5039124	H203PGT	Kiddy	22 x 30			90cm			x	x		x		x
31424768	1050NPSM	KittyCat™	25	60cm				x		x			x	
31424743	1051NPSM	KittyCat™	25	60cm				x		x		x	x	
31424735	1052NPSM		30	60cm				x		x			x	
31424719	1053NPSM		30	60cm				x		x		x	x	
30710001	4103	KittyCat™	22	60cm			x			x			x	
31368072	4203	KittyCat™	22		60cm		x			x			x	
31086575	4105	KittyCat™	22 x 30	60cm			x			x			x	
31.3870.24	H87V	Goldy	30			60cm			x		x		x	
31.3873.25	H87V/F	Goldy	30		60cm				x		x		x	
31.4273.26	H27V	Mini Goldy	22			60cm			x		x		x	
31.3835.25	H83V	Goldy	30			50cm			x		x			x

### Inne dostępne akcesoria do monitorowania:

- elektrody do EKG odłamywane, jednorazowego użytku
- zaciski kończynowe i elektrody przyssawkowe do EKG
- okablowanie do monitoringu i diagnostyki EKG oraz badań Holtera
- środki poprawiające styk – do USG, żele i kremy do EKG
- papiery do EKG, EEG, CTG i badań laboratoryjnych oraz papier do drukarek video
- czujniki temperatury i okablowanie przyłączeniowe
- elektrody do monitorowania płodu konwencjonalne, cewniki do pomiaru ciśnienia wewnątrzmacicznego IUPC i akcesoria
- czujniki pulsoksymetryczne i okablowanie przyłączeniowe



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M-ELA E02/PL

**tyco**

Healthcare

Tyco Polska sp. z o.o.  
Al. Jerozolimskie 162  
02-342 Warszawa, Polska  
tel. +48 22 3122000  
fax +48 22 3122020

www.tycohealth-ecce.com

**KENDALL**

Ref: 2113000201

Ref: 2111000222



ECG plate electrodes, universal adapter to fit press stud, grabber and/or 4mm banana plug

REF CODE	DESCRIPTION	QTY/POUCH
2113000201	Nickel, oval shape	4
2113000301	Ag/AgCl coated, oval shape	4
2111000222	Nickel, round, Ø 22mm	4
2111000322	Ag/AgCl coated, round, Ø 22mm	4

### PREWIRED PLATE ELECTRODES

ECG plate electrode, Ø22mm, 20cm intergrated lead, 4mm banana socket

REF CODE	DESCRIPTION	QTY/POUCH
2181000322	Ag/AgCl coated	10
2181000822	gold plated	10

Ref: 2181000822



Ref: 2103025045

Ref: 2103025042



### RUBBER STRAPS FOR FIXATION OF ELECTRODES

REF CODE	DESCRIPTION	QTY/POUCH
2103025045	Rubber limb strap with Velcro fastening, 25x420mm (WxL)	4
2103025042	Rubber limb strap, 25x450mm (WxL), with 1 row of holes	4
2102032045	Rubber limb strap, 32x450mm (WxL), with 2 rows of holes	4
2151032135	Rubber thoacic strap, 32x1350mm (WxL), with 1 row of holes	1
2152610135	Rubber thoracic stress test strap, 100x1350mm (WxL), with 6 rows of holes	1
2159000015	Plastic strap fixation button	100

Ref: 2102032045

Ref: 2152610135



Ref: 2159000015

## ECG Reusable Electrodes & Accessories



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Rev. 2007/09



COVIDIEN  
TYCO  
HEALTHCARE  
UK LIMITED

154 FAREHAM ROAD  
GOSPORT  
HAMPSHIRE  
PO 13 0AS

+44 (0) 1329 224226 [T]  
+44 (0) 1329 224334 [F]

WWW.COVIDIEN.COM

## ECG Reusable electrodes & accessories

ECG Reusable Electrodes are widely used in *Hospitals and Primary Care* to perform Diagnostic ECG tracing.

Covidien has a long history incorporating advanced technology and design, manufacturing and supply of these products. We offer a complete and comprehensive range of reusable ECG electrodes and accessories.

Covidien Reusable electrodes are crucial for the collection of a good quality ECG trace. Legibility and fidelity of the ECG trace is directly linked to the quality of the reusable electrodes, which is a key consideration during their design.

Covidien recommends the use of our Reusable Electrodes help to maintain a high standard during diagnostic Electrocardiography procedure.

### ECG CLAMP ELECTRODES

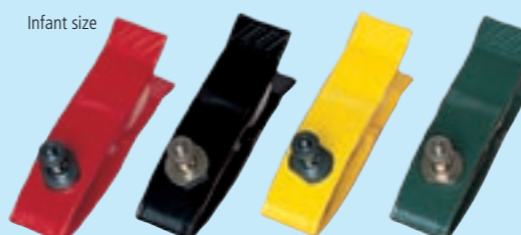
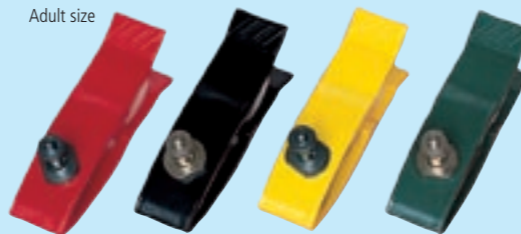
Set of 4 coloured ECG clamp electrodes (red, yellow, green & black), adult & infant size, universal adapter to fit press stud, grabber and/or 4mm banana plug.

REF CODE	DESCRIPTION	QTY/POUCH
2011000200	adult size, metallic Nickel sensor	1 set of 4 electrodes
2012000200	infant size, metallic Nickel sensor	1 set of 4 electrodes
2011000300	adult size, metallic, Ag/AgCl coated sensor	1 set of 4 electrodes
2012000300	infant size, metallic, Ag/AgCl coated sensor	1 set of 4 electrodes
201400A300	adult size, non metallic, Ag/AgCl coated sensor, Medi-Clamp	1 set of 4 electrodes
2011000307	4 light blue ECG clamp electrodes, adult size, metallic, Ag/AgCl coated sensor	1 set of 4 electrodes

### SPARE ELECTRODES

Set of 4 ECG clamp electrodes adult size, metallic, Ag/AgCl coated sensor, universal adapter to fit press stud, grabber and/or 4mm banana plug.

REF CODE	DESCRIPTION	QTY/POUCH
2011000301	set of black electrodes	4
2011000302	set of red electrodes	4
2011000303	set of green electrodes	4
2011000304	set of yellow electrodes	4



### CHEST SUCTION ELECTRODES

ECG chest suction electrodes with an universal adapter to fit press stud, grabber and/or 4mm banana plug

REF CODE	DESCRIPTION	QTY/POUCH
2061000224	soft rubber cup, Ø 24mm, metallic Nickel sensor	1
2061000230	soft rubber cup, Ø 30mm, metallic Nickel sensor	1
2061000324	soft rubber cup, Ø 24mm, metallic Ag/AgCl coated sensor	1
2061000330	soft rubber cup, Ø 24mm, metallic Ag/AgCl coated sensor	1
2062000215	Nickel cup/sensor, Ø 15mm	1
2062000224	Nickel cup/sensor, Ø 24mm	1
2062006224	Nickel cup/sensor, Ø 24mm	6
2062000230	Nickel cup/sensor, Ø 30mm	1
2062006230	Nickel cup/sensor, Ø 30mm	6
2062000315	metallic cup/sensor, Ag/AgCl coated, Ø 15mm	1
2062000324	metallic cup/sensor, Ag/AgCl coated, Ø 24mm	1
2062006324	metallic cup/sensor, Ag/AgCl coated, Ø 24mm	6
2062000330	metallic cup/sensor, Ag/AgCl coated, Ø 30mm	1
81.101.000	1401/A chest suction electrode, metallic, silver coated cup sensor, Ø 24mm, rubber suction ball, 4mm banana plug adapter	1

MEDI-CUP ECG chest suction electrode on metallic, Ag/AgCl coated sensor, 4mm banana plug adapter

REF CODE	DESCRIPTION	QTY/POUCH
206700A324	rigid plastic cup, Ø 24mm	1
206700A330	rigid plastic cup, Ø 30mm	1
206800A324	soft plastic cup, Ø 24mm	1
206800A330	soft plastic cup, Ø 30mm	1
206806A330	soft plastic cup, Ø 30mm	6

### SPARE SUCTION BULBS

Spare suction bulb for all chest suction electrodes

REF CODE	DESCRIPTION	QTY/POUCH
206001024B	cup-Ø 15 and 24mm	10
206001030B	cup-Ø 30mm	10

Ref: 2061000224  
Ref: 2061000230  
Ref: 2061000324  
Ref: 2061000330

Ref: 2062000215  
Ref: 2062000224  
Ref: 2062006224  
Ref: 2062000230  
Ref: 2062006230



Ref: 2062000315  
Ref: 2062000324  
Ref: 2062000330  
Ref: 2062006324



Ref: 81.101.000



Ref: 206700A324  
Ref: 206700A330

Ref: 206800A324  
Ref: 206800A330  
Ref: 206806A330





**MEDI-TRACE™**  
An Innovative Design in  
Multifunction Defibrillation Electrodes



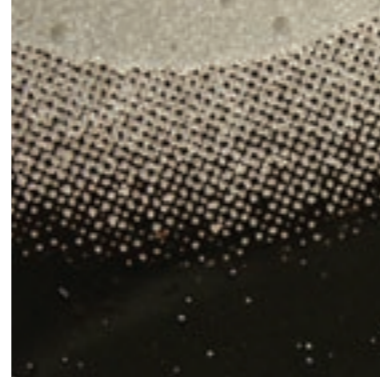
## MEDI-TRACE™

MEDI-TRACE... MEDI-TRACE CADENCE...  
MEDI-TRACE CADENCE-PC ELECTRODES...  
GOOD... BETTER... BEST.....

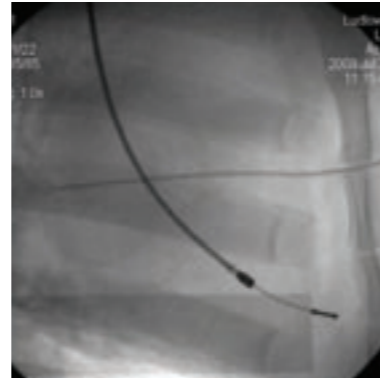
- High quality, reliable and cost effective
- Raising the bar of safety measures
- Aggressive conductive hydrogel maximizes adhesion and electrical contact
- Foam substrate resists fluids and conforms easily to the body contours
- Compatible with monophasic & biphasic defibrillators
- Connects directly to defibrillators; no special adapters needed
- Extended two year shelf life



Direct Connection



Gradient Technology



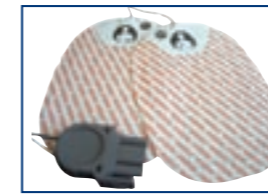
Excellent Radiotransparency



Colour Coded Packaging



Pre-Connect Version



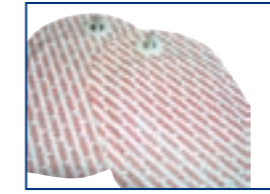
1310P



1210H



1410Z



1510M



1010P



1110L



1710H

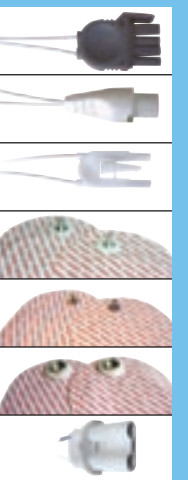
## MEDI-TRACE „CLASSIC“ ELECTRODES

- High quality, reliable and cost effective
- Standard product for any hospital or emergency application
- Available for the most common defibrillators on the market including older models
- Water resistant foam substrate easily conforms to body contours
- Highly conductive hydrogel guarantees high electrical performance
- Radiotranslucent except for leadwire and connector assembly
- Conductive surface of a single electrode is 75 cm<sup>2</sup> or 150 cm<sup>2</sup> per pair
- Connects directly to a defibrillator without use of a special adapter
- For mono and bi-phasic defibrillators
- Two year shelf life

## Order Information

REORDER NUMBER		MAY BE USED IN PLACE OF:	QUANTITY/POUCH	PAIRS/CASE <sup>(3)</sup>
31319281	1310P	Medtronic Physio-Control Quik-Combo™* Pacing/Defi/EKG Electrodes	1 pair	10 pairs/case
31177721	1210H	Philips (Hewlett Packard) M3502A Barrel Connector Multifunction Adult Electrodes	1 pair	10 pairs/case
31469219	1410Z	ZOLL Stat-Padz™* Multifunction Adult Electrodes	1 pair	10 pairs/case
31319315	1510M	Marquette™* E9004xx Defibrillation/Pacing Electrodes	1 pair	10 pairs/case
31177705	1010P	Medtronic Physio-Control Fast Patch™* Defibrillation, ECG Monitoring Electrodes	1 pair	10 pairs/case
31177713	1110L	Laerdal Medical Heartstart™* Defibrillation, ECG Monitoring Electrodes	1 pair	10 pairs/case
40000006	1710H	Philips DP2, DP6, Agilent M3713A, Multifunction Adult Electrode & Laerdal Medical DP2 & DP6 Multifunction Adult Electrodes	1 pair	10 pairs/case

<sup>(3)</sup> Product sold in case quantities only



Superior radiotransparence

## MEDI-TRACE CADENCE Defibrillation Electrodes

- MEDI-TRACE Cadence electrodes connect directly to equipment to ensure a reliable connection
- Gradient Technology and oval shape designed to reduce risk of skin irritation
- Superior radiotransparence
- Compatibility to OEM equipment eliminates need for special adapters or cable manipulation
- Colour coded packaging and connector illustrations for quick and easy identification of product
- 120 cm long integrated leads allowing for more comfortable work with the product
- Conductive layer made of Ag/AgCl
- Conductive surface of a single electrode is 102 cm<sup>2</sup> or 204 cm<sup>2</sup> per pair
- Full compliance to ANSI/AAMI DF80:2003 standard even after prolonged external pacing


MEDI-TRACE Cadence RTS Adult



MEDI-TRACE Cadence RTS Pediatric



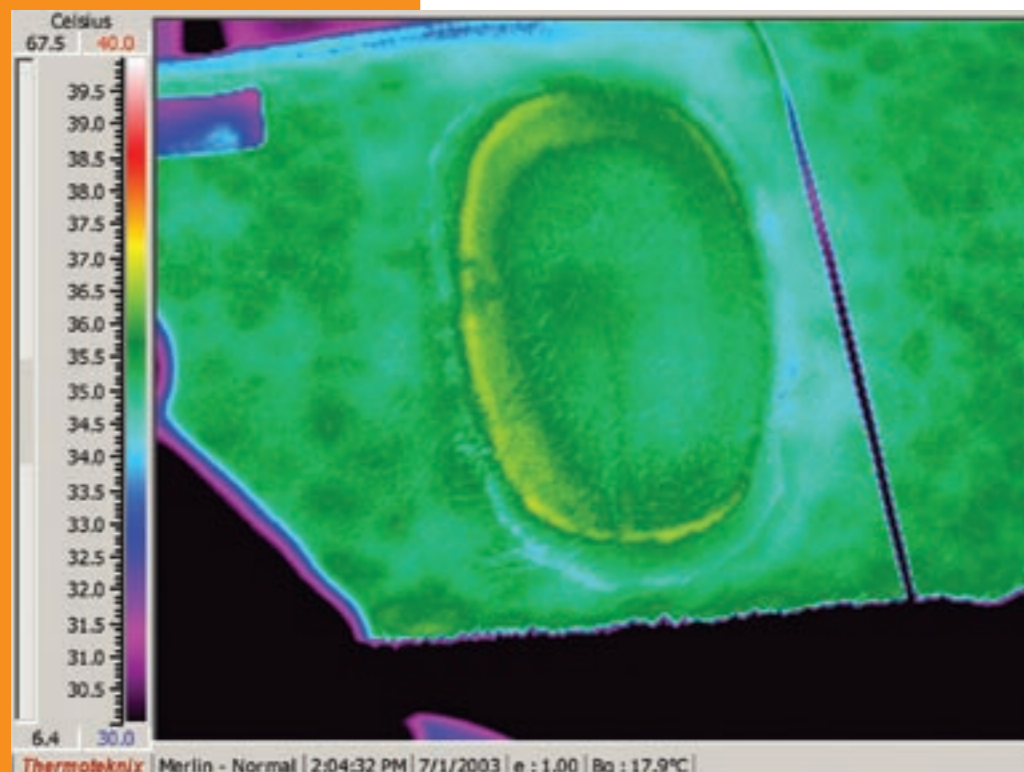
## Order Information

REORDER NUMBER	MAY BE USED IN PLACE OF:	QUANTITY/POUCH	PAIRS/CASE <sup>(3)</sup>	
22550A ■	Physio-Control Quik-Combo™* 11996-000091	1 pair	10	
22550R ■	Physio-Control Quik-Combo™* RTS 11996-000090	1 pair	10	
22550P ■	Physio-Control Pediatric Quik-Combo™* 11996-000093	1 pair	5	
22770R ■	ZOLL Pro-Padz™* 8900-2100-01, 8900-4005, 8900-2303	1 pair	10	
22770P ■	ZOLL Pedi-Padz™* 8900-2065	1 pair	5	
22660R ■	Philips M3713A, M3716A & M3718A, DP2, DP6, Laerdal DP2, DP6, M3840A, M3841A	1 pair	10	
22661R ■	Philips (HP) M3501A, M3502A	1 pair	10	
22661P ■	Philips (HP) Pediatric M3503A, M3504A	1 pair	5	

<sup>(3)</sup> Product sold in case quantities only

## COMPARE DISTRIBUTION OF CURRENT USING HEAT THERMOGRAMS<sup>(1)</sup>

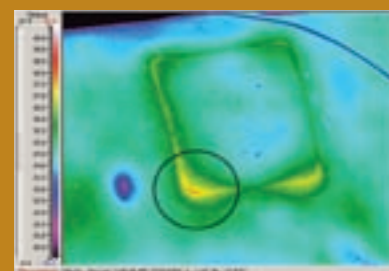
A Gradient Technology is applied to the silver/silver chloride (Ag/AgCl) composition of MEDI-TRACE™ Cadence electrodes, resulting in a more uniform distribution of current under the electrode during defibrillation.



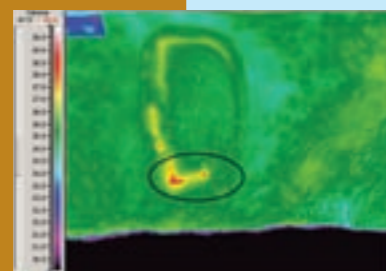
MEDI-TRACE Cadence

## THERMOGRAM COMPARISONS

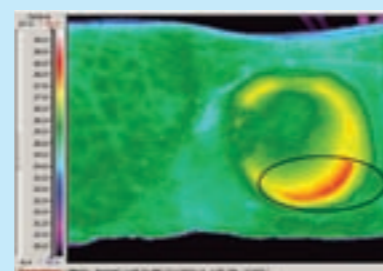
- MEDI-TRACE Cadence electrodes clearly illustrate the benefit of a more uniform distribution of current



Medtronic Physio-Control Quik-Combo™



Philips Heartstart™



ZOLL Stat-Padz™

<sup>(2)</sup> Thermograms were taken 3.60 seconds after defibrillation using a biphasic defibrillator

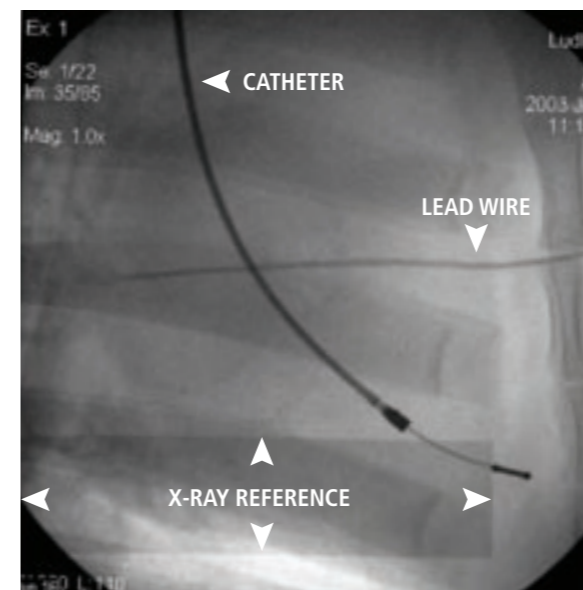
- Competitive products show concentrated energy areas or “hot spots” that may cause skin irritation

Complete information on the performed tests available in: **“A Reduced Skin-Irritation Defibrillation Electrode”** – 30th Annual Northeast Bioengineering Conference, Springfield, MA, USA, 2004 – P.F. Meyer<sup>1</sup>, P.D. Gadsby<sup>1</sup>, D. Van Sickle<sup>2</sup>, W.E. Schoenlein<sup>3</sup>, K.S. Foster<sup>3</sup>, and G.P. Graber<sup>3</sup>

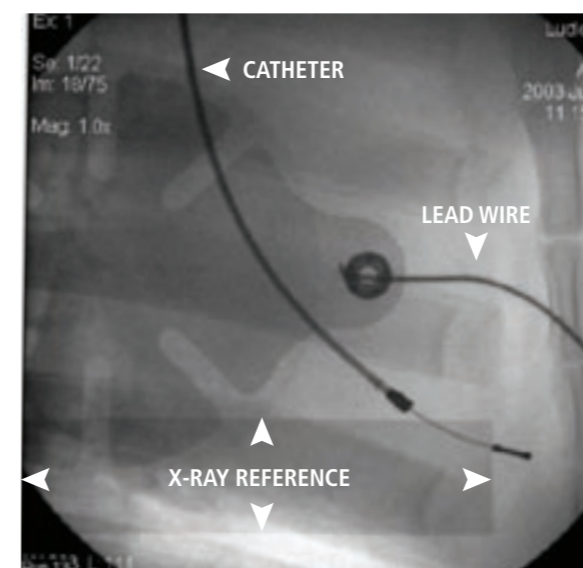
<sup>1</sup>Tyco Healthcare Ludlow, <sup>2</sup>Ludlow Park Drive, Chicopee, MA 01022 U.S.A. <sup>2</sup>Dept. of Basic Medical Sciences and <sup>3</sup>Dept. of Biomedical Engineering, Purdue University, West Lafayette, IN 47907 U.S.A.

## COMPARE RADIOTRANSPARANCE UNDER X-RAY<sup>(2)</sup>

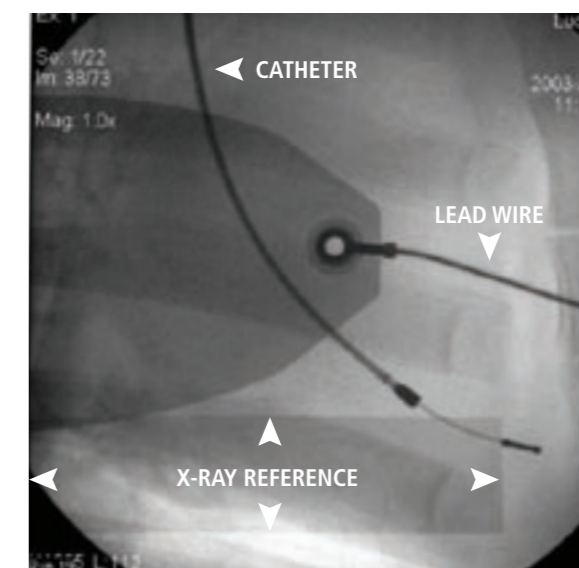
- MEDI-TRACE™ Cadence X-ray clearly demonstrates superior radiotransparency in comparison to other defibrillation electrodes at normal X-ray levels.
- MEDI-TRACE Cadence RTS electrodes version features leadwires made of Nickel-Carbon fibers resulting in total radiotransparency of the entire product.
- US Food & Drug Administration authorized COVIDIEN to market Kendall MEDI-TRACE Cadence RTS electrodes as radiotransparent rather than radiolucent product.



MEDI-TRACE Cadence RTS



ZOLL Pro-Padz™ Bi-Phasic



Philips Heartstart™ Radiolucent

## FEEL SAFE TO USE MEDI-TRACE CADENCE ELECTRODES FOR PROLONGED EXTERNAL PACING

- Designed to delay onset of alkaline environment resulting from prolonged external pacing

- Easy to use and simple Pacing Time Calculation Chart supplied with each IFU booklet allows to minimize risk of “chemical pacing burns”

<sup>(1)</sup> X-rays were taken at 64 kVp  
X-ray reference is aluminum bar at 64 kVp

Detailed information available in :

**“Electrode Chemistry of Prolonged External Pacing”** – P.F.Meyer & P.D.Gadsby, 30th Annual Northeast Bioengineering Conference, Springfield, MA, USA, 2004.











## MEDI-TRACE Cadence-PC Defibrillation Electrodes (Pre-Connect)

- MEDI-TRACE Cadence-PC electrode allows you to Pre-Connect directly to the defibrillator before you open the pouch
- Extended leadwire length, conductive surface of a single electrode, colour coded packaging, extended two year shelf life, patented Gradient Technology and other advantages of MEDI-TRACE Cadence electrodes are included also to MEDI-TRACE Cadence-PC electrodes
- Designed particularly for emergency application
- Available for the most common defibrillators on the market

## Order Information

REORDER NUMBER	MAY BE USED IN PLACE OF:	QUANTITY/POUCH	PAIRS/CASE <sup>(3)</sup>	
22550PC 	Medtronic Redi-Pak™* 11996-000017 (3202674-001)	1 pair	10	
22661PC 	Philips (HP) Barrel Connector M3501A & M3502A	1 pair	10	
22770PC 	ZOLL Stat-Padz™* 8900-4003	1 pair	10	

<sup>(3)</sup> Product sold in case quantities only

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MID 124567890 Rev. 2007/08 TY0607