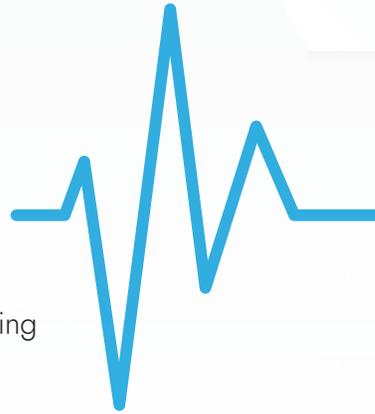




Your One-Stop Shop for Electrodes



CONMED offers a comprehensive range of electrodes including ECG, Multifunction, and EEG. Simplify your ordering process and standardize your supplies by choosing CONMED.



To learn more about these and other innovative products, call **866-4CONMED** or visit www.CONMED.com.



ECG



MULTIFUNCTION



EEG

ECG Electrodes

All-Purpose

Adult ECG Electrodes

Available in a variety of shapes, sizes, gels, materials, and applications, CONMED has a broad portfolio of adult ECG electrodes to meet the monitoring needs of healthcare professionals and their patients.

TOTALTRACE® RTL



TOTALTRACE®



LEARN MORE

ECG Electrodes

Patient Monitoring

That Meets Clinical Needs in a Cost-Effective Manner

Since 1973, CONMED has been a market leader in ECG monitoring electrodes. To meet the diverse needs of healthcare providers and their patients, we provide a wide range of electrodes that also help to contain costs.

Tape

Adult ECG Electrodes

CONMED's Adult ECG tape electrodes feature a clear, low profile tape technology that permits visual monitoring of the patient's skin at all times. Designed for maximum patient comfort, these electrodes conform to the patient's body and feature a convenient pull tab for simplified removal. This perforated, waterproof tape provides strong adhesion in the presence of fluids, yet still allows excess moisture to escape for increased patient comfort.

These electrodes are offered with either a durable metal stud or a carbon-based radiolucent (RTL) stud for improved visualization during x-rays. The tape electrodes are available with conductive adhesive gel or with wet gel technology.

Tape Electrodes with Conductive Adhesive Gel

CONMED offers several different tape electrodes that feature our proprietary gel formulation, GEL 2000X. This conductive adhesive gel formulation is designed to minimize impedance compared to earlier CONMED designs, maintain signal quality, and adhere well to skin while avoiding skin irritation.

General Purpose Electrodes

The combination of the low profile perforated tape, GEL 2000X, and the round shape and size make the Cleartrace™ and Cleartrace™ RTL electrodes an ideal solution for general purpose monitoring.

Tape Electrodes with Wet Gel

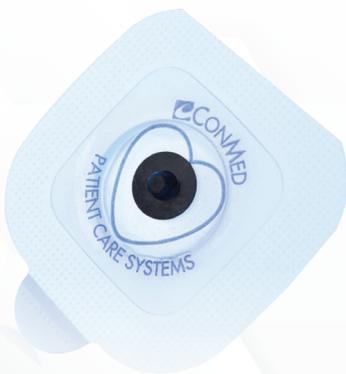
Featuring CONMED's proprietary wet gel technology, Invisatrace® electrodes provide quick signal retention, strong signal quality, and stable baseline waveforms.



CLEARTRACE®



INVISATRACE®



CARBON STUD

ECG Electrodes

Foam

Adult ECG Electrodes

Designed for maximum patient comfort, these electrodes feature a low profile, closed cell foam that provides an impervious barrier to prevent fluids from penetrating the electrode. These electrodes are offered with either a durable metal stud, or a carbon-based radiolucent (RTL) stud for improved visualization during x-rays. The foam electrodes are available with conductive adhesive gel or with wet gel technology.

Foam Electrodes with Conductive Adhesive Gel

CONMED offers several different foam electrodes that feature our proprietary gel formulation, GEL 2000X. This conductive adhesive gel formulation is designed to minimize impedance compared to earlier CONMED designs, maintain signal quality, and adhere well to skin while avoiding skin irritation.

Gel 2020 is a new proprietary gel formulation used in CONMED's TotalTrace™ line of foam electrodes. Featuring a lower gel profile that is flush to the patient's skin, this optimized formulation offers improved adhesion and lower impedance vs. prior generations of adult foam general purpose ECG electrodes.

General Purpose Electrodes

Available in a variety of shapes and sizes, CONMED offers a variety of general purpose ECG Electrodes. With such a vast selection of ECG products to choose from, CONMED has an electrode that will answer the clinical needs of most hospitals and outpatient centers. The small, tear-drop shape of the Suretrace® and Suretrace® RTL electrodes provides flexibility for electrode placement and adequate adhesion for general purpose monitoring applications.

Diaphoretic Electrodes

Designed with a larger tear-drop shape and a more robust foam adhesive, the Positrace® and Positrace® RTL electrodes provide a more aggressive adhesive for more challenging or diaphoretic applications.

**CARBON
STUD**



SOFTTRACE GEL



ECG Electrodes

Next Generation of Adult Foam ECG Electrodes

We continue to offer innovation in patient monitoring with CONMED's next generation electrode. Developed with both the patient and clinician in mind, TotalTrace™ foam electrodes are optimized with several innovative features.

- Lower profile design and smaller footprint help the electrode to better conform to the patient's anatomy.
- Optimized gel formulation offers improved adhesion and signal quality.
- Laser underscored tear-strip helps to ensure an easy-to-open pouch for emergency situations.

EXACTRACE™ TEARDROP ELECTRODE



Foam Electrodes with Wet Gel

CONMED offers various foam electrodes that feature proprietary wet gel technology. This wet gel formulation provides quick signal retention, strong signal quality, and stable baseline waveforms.

Foam Electrodes with Tear-Drop Shape

Available with a durable metal stud, the Exactrace™ electrode offers standard adhesion for general purpose applications while Instatrace® provides a more aggressive adhesive for diaphoretic applications.

Foam Electrodes with Circular Shape

Offered with a carbon based radiolucent (RTL) stud, the Dyna/Trace® electrode provides standard adhesive for general purpose applications, while the Dyna/Trace® Stress offers a more aggressive adhesive for diaphoretic applications.



ECG Electrodes

Repositionable Electrodes

For Sensitive Skin

Featuring CONMED's innovative adhesive gel formulation GEL 2000MP, these electrodes are designed to be easily repositioned while maintaining acceptable adhesion. Due to the absence of an acrylic adhesive border, the repositionable electrodes help minimize skin irritation.

In addition, these electrodes can be effectively used for up to seven days simply by re-wetting the gel surface, if necessary, to retain adequate adhesion. Each repositionable electrode is available with a durable metal stud or a carbon-based radiolucent (RTL) stud for improved visualization during x-rays.

Repositionable Electrodes – Tape

The clear tape material of the Cleartrode™ and Cleartrode™ RTL electrodes allows for continuous observation of the patient's skin during monitoring.

Repositionable Electrodes – Cloth

The soft fabric material of the Softrace® family of electrodes conforms well to the patient's skin and provides optimum patient comfort. The Softrace® electrodes are available in three sizes (small, medium, and large).



CLEARTRODE®



CLEARTRODE® RTL



SOFTRACE®
LARGE RTL

SOFTRACE®
LARGE



LEARN MORE

ECG Electrodes



NEOTRODE® RTL

Pediatric/Neonatal

Pediatric/Neonatal ECG Electrodes

Pediatric/Neonatal ECG Electrodes – Tape With Wire Attached

Available in a variety of sizes and materials, CONMED pediatric and neonatal electrodes are specifically designed to adhere well to delicate skin while helping to avoid skin irritation. These dedicated products offer a more comfortable, streamlined, and effective experience for clinicians and their young patients.

Pediatric/Neonatal ECG Electrodes – Cloth With Wire Attached

Soft fabric backing and mild conductive adhesive provide secure, comfortable electrode contact. The small size and extremely low profile increases your placement options. Humidity has little effect on Softrace® electrodes' ability to stick or to be removed without damaging fragile skin. Available in two sizes for differing size requirements.

Limb Band

Limb band can be applied and secured to baby's arms and legs when ample chest space is not available. It's ideal for infants who are highly active. Soft fabric backing and mild conductive adhesive provide secure, comfortable electrode contact. Humidity has little effect on Softrace electrodes' ability to stick or to be removed without damaging fragile skin.

Pediatric/Neonatal ECG Electrode - Snap Style

Clear NeoDerm® tape allows visual monitoring of the child's skin condition at all times. Low chloride gel and light adhesive coat weight reduces the possibility of skin irritation. Huggables® hug the skin, minimizing motion artifact. Perforated tape permits skin ventilation and moisture evaporation to increase comfort. Tab provides for easy application and removal. Wet gel formulation is gentle to the skin.



NEOTRODE® II



HUGGABLES®



LEARN MORE

ECG Electrodes

Resting ECG Electrodes

With a variety of shapes, sizes, types, gels, and materials, CONMED has a resting ECG electrode for every monitoring application. We're one company with one goal – to satisfy the customer in the most cost effective method possible.

Fastrace 4 – Tab Style

Fastrace 4 features the Gel 2000 formulation, which sticks better and stays moist longer – even when the pouch has been opened. A silver/silver chloride design provides stable baselines and excellent electrical characteristics. Conductive adhesive gel maintains contact with skin, even on hairy areas. They are PVC-free and carry a 24-month shelf life.

HeartBeat Resting Electrode - Tab Style

HeartBeat electrodes feature the Gel 2000MP formulation, which provides improved staying power but gentle release. The smaller design of these electrodes is ideal for both adults and pediatrics. A silver/silver chloride design provides stable baselines and excellent electrical characteristics. The pliable material is comfortable and prevents lift off. They are PVC-free and carry a 24-month shelf life.



FASTRACE



HEARTBEAT



ECG Electrodes

Specialty ECG Electrodes

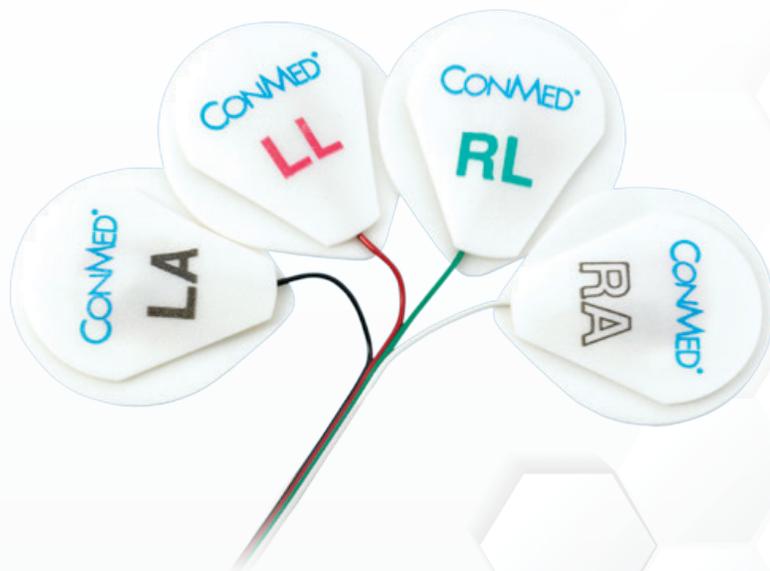
CONMED's ECG Backpads and ECG Strippers incorporate a unique one-piece monitoring system that minimizes patient setup time, prevents leadwires from tangling, and reduces the risk of hospital acquired infection (HAI).

ECG Backpads

A unique one-piece disposable monitoring system that minimizes patient set-up time, prevents leadwires from tangling, and reduces the risk of cross contamination or hospital acquired infections (HAI).

ECG Strippers

ECG Strippers incorporate wet gel foam electrodes with a one piece, pre-attached leadwire system to minimize the patient setup time and to prevent leadwire tangling. Closed cell foam electrodes keeps fluids from penetrating, while the wet gel formula provides quick ECG signal retention. A pull tab makes it easy to apply and remove electrode. They feature a "strippable" leadwire construction so each leadwire can be "stripped" to desired length.



LEARN MORE

Multifunction Electrodes

PadPro®

Adult and Pediatric Multi-Function Electrodes

When it comes to adult and pediatric multifunction electrodes for defibrillation, pacing, cardioversion, and monitoring - think PadPro®. CONMED's PadPro® is constructed to adhere and conform to the patient's body, providing excellent current distribution. Adult electrodes offer a maximum of 50 shocks, 8 hours of continuous pacing, or 24 hours of patient monitoring.

PadPro® has a 36-month shelf life. Adapters allow multiple brands of defibrillators to use the same electrodes. Connection styles are compatible with Zoll and Physio Control style therapy cables. Pre-connect packaging options are available.

- Adult/child electrodes offer a maximum of 50 shocks, 8 hours of continuous pacing, or 24 hours of patient monitoring
- Constructed to adhere and conform to patient's body, providing excellent current distribution
- Pre-connect packaging options available
- 36-month shelf life
- PadPro® adapters allow multiple brands of defibrillators to use the same electrodes



EEG Electrodes



BRAINSTREAM™

Disposable EEG Cup Electrodes

The data

Reusable electroencephalography cup-electrodes are characterized as semi-critical devices¹ and require comprehensive reprocessing to prevent infections, since the skin is abraded prior to application.

A recent multi-center, prospective, microbiologic evaluation of cleaned reusable EEG cups at four epilepsy monitoring units, conducted by Nancy Albert and published in the American Journal of Infection Control in 2018, concludes that 22.6% of cleaned reusable EEG cup electrodes had bacteria that were potential or at risk for infection. Further, epithelial cells were found on 60.5% of cleaned, ready to use reusable EEGs².

The high cost of HAIs

Annually, approximately 2 million patients suffer with healthcare-associated infections (HAIs) in the USA alone, and nearly 90,000 are estimated to die. The overall direct cost of HAIs to hospitals ranges from US \$28 billion to \$45 billion. While the range is wide, HAIs are clearly expensive³.

BRAINSTREAM™ Product Features

For convenience, BRAINSTREAM™ comes with pre-attached tangle-free lead wires, a 3mm cup height that allows for ample gel or paste, and a 2mm hole that allows gel to escape during positioning and permits blunt needle insertion. An advanced silver/silver chloride sensor ensures uniform high signal quality.

The electrodes have a 10mm diameter and positioning guides for easier placement. They are safe for use in CT and X-Ray environments and are available with 10, 21, 24, 25, 26, and 27 electrodes per pouch.



LEARN MORE

¹Scott NK. Infection Prevention:2013 Review and Update for Neurodiagnostic Technologists. Neurodiagn J. 2013, 53:271-288.

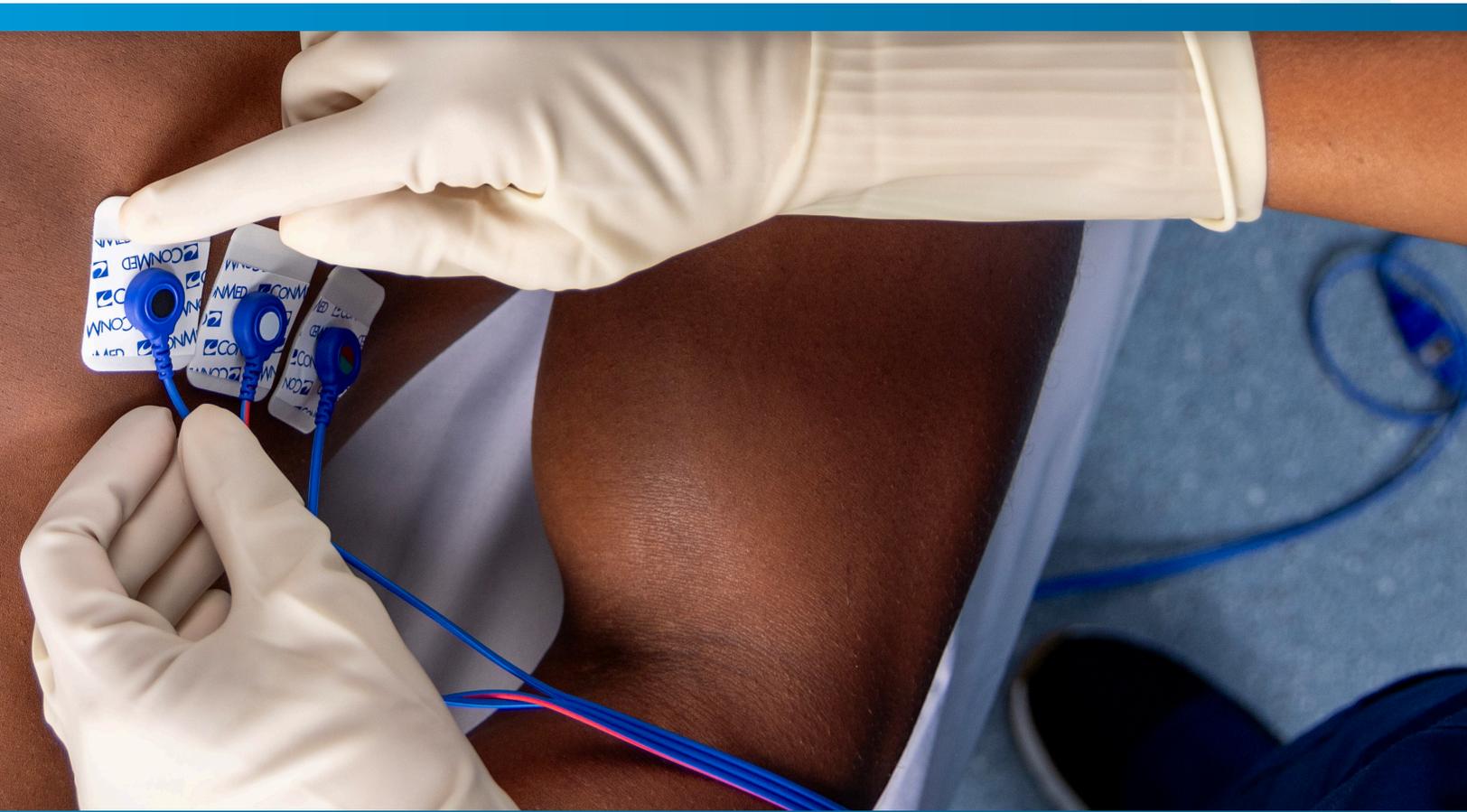
²AlbertNM. Contamination of reusable electroencephalography electrodes: A multicenter study. American Journal of Infection Control, 2018, 46(12), 1360-1364.

³Stone PW. Economic burden of healthcare-associated infections: an American perspective. Expert Rev Pharmacoecon Outcomes Res. 2009;9(5):417-22.



Your One-Stop Shop for Electrodes

CONMED ECG, Multifunction, and EEG Electrodes



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