



# ECG Electrodes

Solmed Pty Ltd

# ECG ELECTRODES

Excellent quality ECG recordings are dependent on three main factors: good skin preparation, superior quality electrodes, and a continuous unbroken electrical pathway from the skin to the ECG machine.

Electrodes often have to perform under very strenuous conditions, therefore Leonhard Lang dedicates valuable time and attention to the design and construction of their electrodes; carefully selecting only the finest quality materials and component parts to produce them.

All SKINTACT® ECG electrodes meet ANSI/AAMI EC12 on disposable ECG electrodes, ISO 10993 on biocompatibility and the European Medical Device Directive.

## Types we sell

- Diagnostic Resting ECG Electrodes
- Stress Test & Holter ECH Electrodes
- Monitoring ECG Electrodes
- Multipurpose ECG Electrodes
- ECG Electrodes for Monitoring During Imaging Procedures



# DIAGNOSTIC RESTING ECG

- **Excellent Trace Quality:** The conductive adhesive Aqua-Tac hydrogel of SKINTACT Easitabs provides a reliable signal tracing of consistent high quality.
- **Secure Adhesion and Patient Comfort:** SKINTACT Easitabs feel soft but stick well to the patient's skin. After the ECG they can be removed comfortably – without loss of hair.
- **Superior Safety:** Proper use of SKINTACT Easitabs eliminates cross infection whereas suction electrode bred bacteria and fungi.
- **Time Efficiency:** Unlike suction electrodes, SKINTACT Easitabs on a handy card are applied quickly on all types of patients. Aqua-Tac gel requires no clean up after the ECG.



# STRESS TEST & HOLTER ECG

- **Excellent Trace Quality:** Quick and consistently excellent signal quality is obtained with: Aqua-Wet and Aqua-Set gel. Using Easiprep further improves trace quality.
- **Superior Design:** Leonhard Lang's AquaSet gel reduces motion artefacts' ensuring a clear and stable tracing.
- **Secure Adhesion:** The enhanced adhesive sticks reliably even when the patient is perspiring. The protective foam backing is impermeable to liquids, SKINTACT stress test electrodes are therefore suitable for Echo, too.



# MONITORING ECG

- **SKINTACT Monitoring Electrodes** offer total versatility at affordable prices. 4 different backings, 2 types of standard gels, a standard and an enhanced adhesive - the SKINTACT range has an electrode to meet all your particular needs in short or long term monitoring.
- **Protective Foam Backings** of short term monitoring electrodes are impermeable to liquids present in surgical procedures.
- **Aqua-Wet Gel** ensures immediate signal pick up as it promptly moistures top skin layer.
- **Aqua-Tac Gel** is not only conductive but also adhesive and can be removed without residue.
- **Easy to open pouch** and a handling aid on all SKINTACT monitoring electrodes facilitate use.



# MULTIPURPOSE ECG

- **Secure Adhesion:** The enhanced adhesion of SKINTACT FS-RG, FS-RG1, FS-TC1 and FS-TF assures that the electrodes stick very securely ensuring good contact even when the patient is perspiring.
- **Quick'n'Easy:** A perforation in the middle can be used to tear the card apart giving you two strips of three or five.
- **Superior Design:** The label material overlaps the electrode and creates a lift tab which allows the clinical staff to handle the electrode easily even when wearing surgical gloves.



# MONITORING DURING IMAGING PROCEDURES ECG

- **MRI Conditional:** SKINTACT ECG Electrodes indented for use in MRI are approved up to 3.0 Tesla.
- **Saves Time and Cost:** If already applied in other departments the electrode can remain on the patient and X-ray or MRI procedures can be carried out without the need to change electrodes.
- All SKINTACT® ECG Electrodes for Monitoring during Imaging Procedures meet the ANSI/AAMI standard EC12 for disposable ECG Electrodes.



# BACKINGS

There is a combination of SKINTACT® adhesives and backings to meet the requirements of every major application. Versatile SKINTACT® electrodes are available with four backings.

- **Foam** backing materials protect sensor and gel from surgical and cleaning fluids. The thin foam layer permits maximum flexibility.
- Skin-friendly **Microporous Tape** adapts well to body contours, increasing comfort. Tape - backed SKINTACT electrodes promote breathability and transpiration, important in long term applications.
- **Soft Cloth** backing offers many of the benefits of tape plus added elasticity to conform to most body movements. Cloth-backed SKINTACT electrodes provide the long term comfort and durability required by active patients.

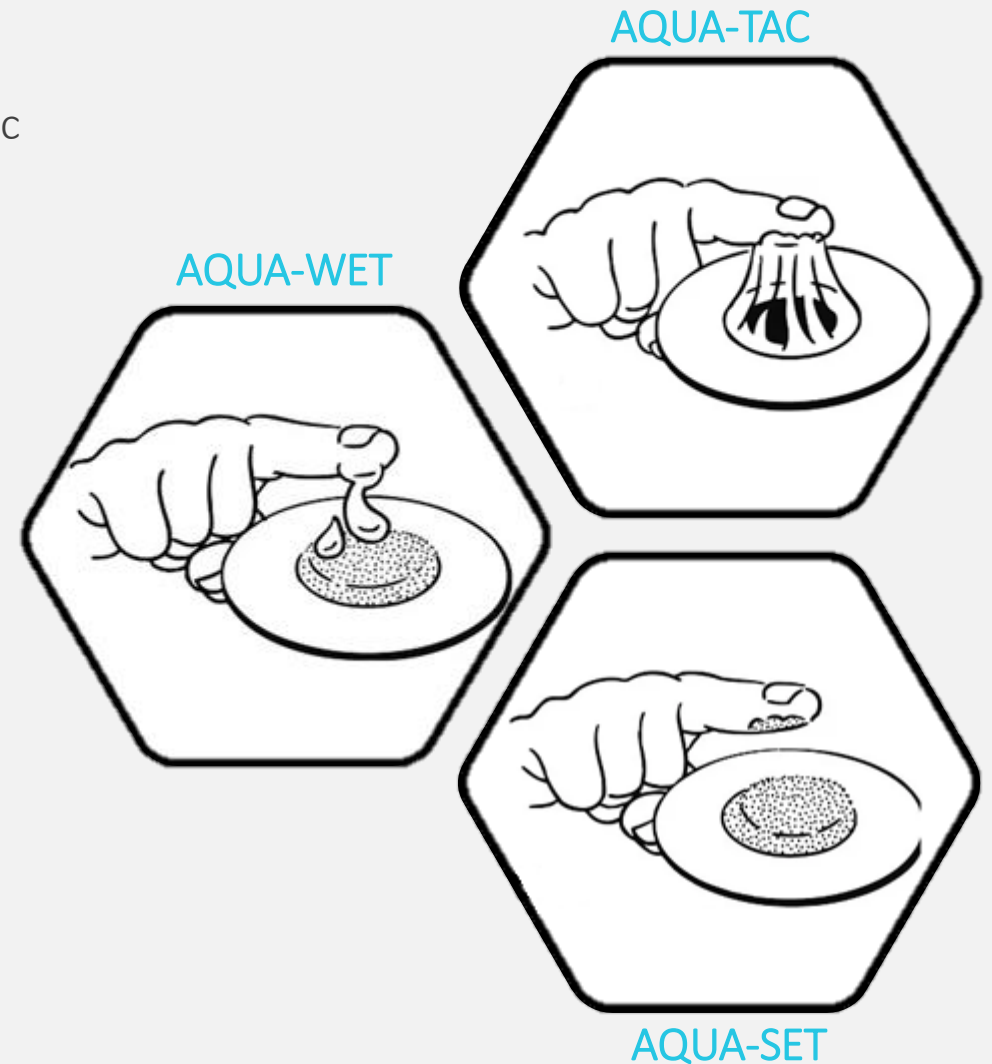




# GELS & SHELF LIFE

SKINTACT electrodes are available with three gels:

- **AQUA-TAC:** The next generation in hydrogel electrodes. Aqua-Tac electrodes are fast becoming the choice in long and short term procedures. The solid adhesive Aqua-Tac offers the best of both worlds i.e. quick pick up even if inadequate skin prep is carried out and provides consistently high quality recordings for long term monitoring with minimal skin reactions. Aqua-Tac also gives the added benefit of 100% skin surface contact. 36 month shelf life.
- **AQUA-WET:** A liquid gel designed for fast pick up of the ECG signal even if inadequate skin prep is carried out. Aqua-Wet electrodes are an ideal choice for short term procedures. They give dependable quick tracing with easy application and removal. 24 months shelf life.
- **AQUA-SET:** A solid wet gel designed for long term monitoring and stress testing. Aqua-Set electrodes offer longer lasting performance. They are less prone to gel dry out and can be pressed in the centre without the risk of gel spreading onto the adhesive. Due to the solid wet gel formulation these electrodes are an ideal choice for long term monitoring. Its semi-solid nature also helps reduce motion artefacts. 24 months shelf life.





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