

# for Improved Performance.

## New Advanced Electrode Technology

### Superior Design Minimizes Post-Shock Skin Effects

Electrodes are a key element in effective defibrillation and cardioversion, but these therapies often result in post-shock skin effects including redness, soreness or skin breakdown. Until now, these adverse consequences have been regarded as unavoidable side effects. We believe these effects are not something you or your patients must accept. Our new electrode technology reduces or virtually eliminates these side effects. Our new technology and superior design translate into improved electrode performance for both clinician and patient.

### New Gel Formulas Enhance Coupling and Amplify Lateral Conductivity

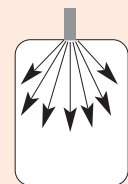
**LVP Gel**—Low viscosity polymer “liquid” gel provides better skin coupling than other polymer gels.

**HVP Gel**—New high viscosity polymer “solid” gel for emergency resuscitation, with “wetting” almost equivalent to liquid gel.

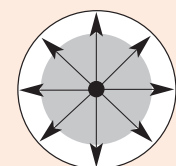
LVP and HVP gels can reduce skin effects by as much as 96% compared with conventional electrode designs as demonstrated in independent studies.

### Center Energy Feed Improves Current Distribution

Unique round center feed symmetrically radiates the energy for improved current distribution across the skin’s surface and reduces skin damage.



Edge Feed Designs

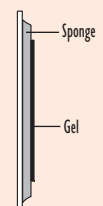


ZOLL Center Feed Design

Unlike other electrode designs, ZOLL features a proprietary round center feed conductor which allows for a more even distribution of current.

### Unique Sponge Pressure Backing

Skin coupling is enhanced through a new sponge pressure backing behind the HVP gel.



Sponge Pressure Backing

New sponge backing enhances skin coupling by increasing contact between the gel and the skin.

### “Liquid” Gel with the Advantage of “Solid” Gel

New LVP gel and packaging offer:

- No special storage requirements
- No gel slump
- Long 18 month shelf-life



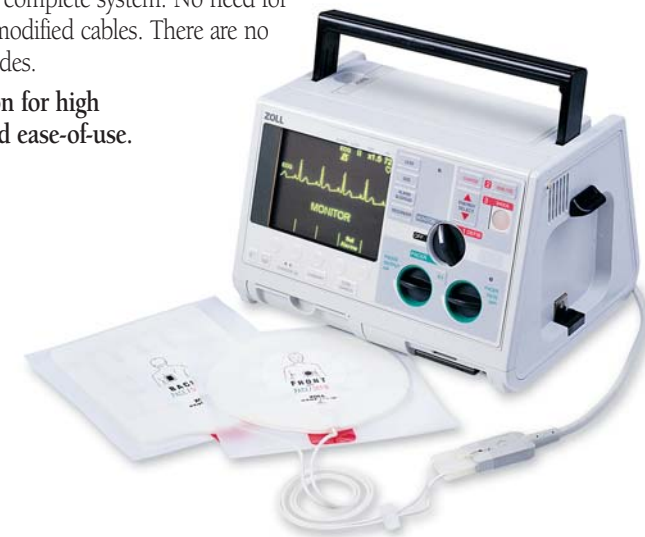
New LVP Gel Electrodes now feature ZOLL’s uniquely designed tray package that eliminates special storage requirements and significantly extends shelf-life.

## ZOLL Electrodes— Expressly Designed for ZOLL Resuscitation Systems

Every step, every second, every aspect of a system’s performance is critical to patient survival. Electrodes are a key element of performance. Our electrodes are specifically designed, tested and validated for use with ZOLL defibrillators and pacemakers and are a vital component in our resuscitation systems.

- **Manufactured by ZOLL**—We are committed to providing the most technologically advanced disposable electrodes available. We offer consistent quality and total control over product technology.
- **Designed for ZOLL**—Accurate impedance detection, information integrity and electrode fault indications of our systems are validated using ZOLL electrodes.
- **Reliable Advisory Function**—ZOLL’s sophisticated algorithm identifies the need for a life-saving shock. In fact, clinical performance shows positive predictability for shockable rhythms at 100% and a false positive rate for non-shockable rhythms at 0%. This performance has been validated only with ZOLL electrodes.
- **Superior Pacing**—ZOLL’s patented pacing technology, high impedance gel, and electrode size and effectiveness set the “gold standard” against which others measure their results.
- **Complete Capability**—With ZOLL electrodes and universal cable connectors, you are assured of a complete system. No need for adapters, special connectors or modified cables. There are no compromises with ZOLL electrodes.

ZOLL—the name you can rely on for high performance, proven efficacy and ease-of-use.



**ZOLL**  
Advancing Resuscitation. Today.

www.zoll.com

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## It’s About Choice.

The World’s First Line of Resuscitation Electrodes  
Optimized for Every Use and Every Patient.

**stat·padz™**

For Emergency Situations



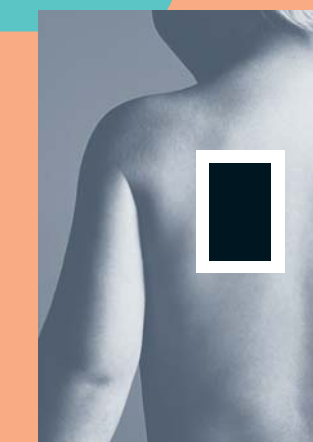
**pro·padz™**

For Special Procedures



**pedi·padz™**

For Pediatrics



**ZOLL**  
Advancing Resuscitation. Today.

# Resuscitation Electrodes Optimized for Every Need.

## Three Lines for Optimal Clinical Performance

For emergency or elective use, ZOLL is the only electrode manufacturer to offer three lines of electrodes for specific clinical applications:

**stat·padz** for critical emergency response.

**pro·padz** for the requirements of special procedures.

**pedi·padz** for the demands of pediatric interventions.

You make the choice.



With our *Preconnect* and *Speed Pack* features, **stat·padz** can be connected prior to an emergency situation without compromising shelf-life, so you are always ready.

## stat·padz

### For Emergency Situations

The choice when time is the key to survival—simple, accurate, quick application.

#### stat·padz Multi-function Electrodes

##### Optimized for Emergency Situations

- *Preconnect*™ feature reduces steps for faster setup.
- *Speed Pack*™ simplicity and organization in a crisis: peel, lift and place.
- New HVP gel quickly penetrates skin contours.
- Two year shelf-life minimizes outdated product.

## pro·padz

### For Special Procedures

Optimal for procedures performed throughout the hospital—in the electrophysiology lab, the catheterization lab, the OR, radiology suites, the ED and CCU.

#### pro·padz Cardiology Specialty Multi-function Electrodes

##### Optimized for Cardioversion

- LVP gel formula reduces the risk of skin effects.
- Tray design eliminates covers, prevents gel slump for storage virtually anywhere.
- 18 month shelf-life minimizes outdated product.

#### pro·padz Biphasic Multi-function Electrodes

##### Optimized for Use with ZOLL Biphasic Systems

- Integral part of the ZOLL Rectilinear Biphasic system™ proven to treat patients at lower energy levels and with higher efficacy rates.

## pedi·padz

### For Pediatrics

ZOLL's **pedi·padz** meet the challenges of pediatric patients and meet AHA pediatric ACLS criteria for size. Ideal for patients weighing 33 lbs (15 kg) or less.

#### pedi·padz Multi-function Electrodes

##### Optimized for Both Emergency and Special Procedures

- Liquid gel provides the best skin coupling for less chance of skin effects.

#### pedi·padz Radiolucent Electrodes

##### Optimized for Radiographic Procedures

- Radiolucency provides an unobstructed view of the heart and chest cavity during x-ray studies.

#### pedi·padz Pacing Only Electrodes

##### Optimized for Long-term Pacing

- High impedance gel ensures the best possible patient tolerance and comfort during long-term pacing procedures.



**ZOLL**  
Advancing Resuscitation. Today.