Quadtrode MRI Electrode

The Quadtrode family of electrodes are specifically designed for safe MRI use up to the FDA’s maximum clinical limits of 3 Tesla and 4 W/kg SAR.

CV Quadtrodes - Provides optimal lead placement flexibility and performance
Part Number 9371A

Standard Quadtrodes - The original electrode designed specifically for ease of use
Part Number 9303A

Neo Quadtrodes - First purpose-built MRI electrode designed specifically for neonatal MRI
Part Number 9372A

“Quick Connect” Disposable BP Cuffs

“Quick Connect” Cuffs allow MRI the ability to adopt the same infection control practice used throughout the hospital without compromising performance or patient comfort.

- Large Adult Extra Long Size - Part Number 989803170491
- Large Adult Size - Part Number 989803170481
- Adult Extra Long Size - Part Number 989803170471
- Adult Size - Part Number 989803170461
- Small Adult Size - Part Number 989803170451
- Pediatric Size - Part Number 989803170441
- Infant Size - Part Number 989803170411
- Neonatal #5 Size - Part Number 989803170421
- Neonatal #3 Size - Part Number 989803170401
- Adult “Quick Connect” Hose - Part Number 989803169411
- Neonatal “Quick Connect” Hose - Part Number 989803169421

Body Temperature Sensors

Invivo’s first temperature sensor designed to meet ASA guidelines for esophageal, rectal, or axillary applications extending operating room safety practices to the MRI.

Part Number 989803162531

Adjustable SpO2 Grip Sensor

The first purpose-built adjustable SpO2 sensors designed to tailor the size specifically to each unique MRI patient.

Starter Pack for Adult through Neonatal Sizes
Part Number 989803162491

For more information about Invivo MRI Patient Monitoring accessories or any of the Complete Solution products from Invivo, please call us at 1-800-331-3220, or visit our website at www.invivocorp.com.
New Adhesive Quick Connect SpO2 Sensors

The “Practice Advisory on Anesthetic Care for Magnetic Resonance Imaging” published by the ASA in 2009 states:

“Anesthesiologists should ensure that patients who receive moderate or deep sedation [in MRI] are monitored in a manner consistent with their institution's protocol for monitoring similarly sedated patients elsewhere in the facility.”

Expression Quick Connect SpO2 sensors have a more traditional use model allowing patients to be monitored in a manner consistent throughout the hospital. Utilizing adhesive SpO2 sensors is common throughout the entire hospital because of their many benefits:

- Reduced patient preparation times
- Optimal SpO2 readings
- Consistent infection control procedures
- Continuous monitoring during patient movement

Quick Connect Adult Sensor
Part Number 989803166551

Quick Connect Pediatric Sensor
Part Number 989803166561

Quick Connect Infant Sensor
Part Number 989803166571

Quick Connect Neonatal Sensor
Part Number 989803166581

Not All Electrodes Are Created Equal! (Especially in the MRI)

Labeling an electrode “radio translucent” does not mean it provides the appropriate level of patient safety, protection or even ECG performance in the harsh MRI environment. Ensuring that the monitor has enough ECG signal is crucial in maximizing the performance of the monitor’s gradient filters. Invivo recommends the Quadtrode line of electrodes because of their superior, large wet gel contact area, one piece contact and adhesive insulating pad. The large wet gel contact of the Quadtrode is designed to provide optimal signal to the monitor and enable optimal ECG performance while effectively dissipating any heat to minimize burns.

Large Ultra-Wet Gel
The unique gel used in the Quadtrode is more moist than traditional electrodes. The moisture helps the Quadtrode optimize quickly, increase signal strength and decrease the risk of heating. Rapid conductive optimization is a key element in MRI since most procedures are completed within a few hours.

Large Contact Area
The contact area has a greater diameter than other electrodes to help increase the signal and spread potential heating over a larger surface to minimize patient risk. If an electrode does not have sufficient contact with a patient’s skin during an MRI procedure, heating and burning may occur.

One Piece Contact
Quadtrode’s contact point is a single piece and is designed with a proprietary conducting thermoplastic compound intended to reduce cable heating. Other electrodes have two pieces pressed together which could create a failure point resulting in heating or burning.

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Don’t Just Listen To The Experts... Become One

The value of purpose-built MRI accessories may not be readily apparent until an adverse event occurs at your facility. This can be a life changing situation for the patient, staff and family members. Using Invivo accessories will help enable MRI departments to adopt practices recommended by The Joint Commission, American Society of Anesthesiologists (ASA), National Institutes of Health (NIH) and the Centers for Disease Control and Prevention (CDC).

Safety.
The Joint Commission (Sentinel Event Alert 38, Feb. 2008) states: “The most common patient injuries in the MRI suite are burns...” Invivo specifically designs, validates and markets its entire range of vital sign monitoring products and accessories to minimize any such risk. Our safety record speaks for itself! For years, Invivo’s family of wireless vital sign monitors have been used successfully on hundreds of thousands of MRI studies.

Infection Control.
Additionally, the CDC guidelines on Preventing Transmission of Infectious Agents in Healthcare Settings states that “Patients who have congenital primary immune deficiencies or acquired disease...are at increased risk for numerous types of infections while receiving healthcare.” Utilizing disposable accessories can greatly reduce the risk of spreading infectious diseases. According to NIH “Infection control is key to stopping MRSA in hospitals” Invivo has developed a complete line of disposable MRI accessories for every vital parameter to help control infection.

Quality.
For the past 25 years Invivo has been committed to developing purpose-built accessories so that a patient has access to the same standard of care in the MRI environment that would be provided elsewhere in the facility.