

The logo for Invivo, featuring a stylized 'I' inside a circle followed by the word 'Invivo' in a serif font. The logo is centered within a series of three concentric circles: an inner blue circle, a middle orange circle, and an outer grey circle. The background of the entire page is a faded, light blue image of a doctor in a white coat smiling and talking to a patient sitting in a hospital bed.

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ABOUT INVIVO

Invivo serves the direct healthcare market and major health care equipment manufacturers; Philips Medical Systems, GE Healthcare, Siemens Medical Solutions, Hitachi Medical Systems and Toshiba Medical Systems. Invivo is the market leader in the design and manufacture of RF coils, MRI compatible patient vital signs monitors, MRI compatible interventional instruments, visualization and analysis products for breast MRI and Functional MRI.

Our products are marketed and sold through Invivo professionals and a network of independent distributors reaching into medical markets throughout the world.

Our success in the global healthcare market, relies upon our investment in cutting edge technology to advance imaging and patient care. Invivo is committed to providing technology solutions to keep pace with the needs of a growing healthcare market. Focusing on a better way for you and your patients, Invivo offers you solutions to be more confident, and more accurate in your clinical practice.



TechPOINT CUSTOMER CARE

Applications Training
Remote Tech Support
Parts supply/Repair
Software updates and upgrades

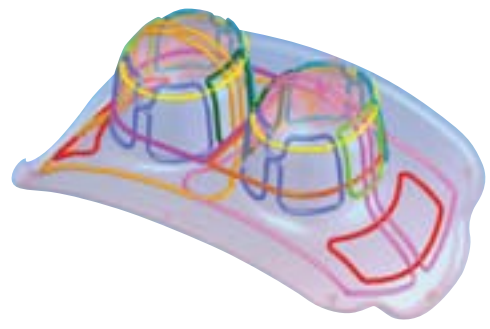
- Rapid turnaround time for repairs
- Applications training to keep you updated
- System performance improvement

As medical professionals under pressure to perform each diagnostic procedure quickly and accurately, you shouldn't be distracted by concerns about the technology you use. To help stay focused, Invivo is proud to offer TechPOINT customer support.

TechPOINT provides comprehensive coverage of the entire Invivo family of solutions. Accredited applications training, remote support and system upgrades are just a few of the ways Invivo makes technology transparent, allowing you to see what you're looking for.



Better Support Means Better Results



Luminescence

BREAST SYSTEM

Luminescence Breast System



The Luminescence Breast System is a light-weight modular diagnostic and/or interventional imaging array system, offering exceptional imaging of the breast, with illuminated cranial and medial/lateral access to tissue for interventional procedures.

Breast Biopsy Array



The Biopsy Breast Array is an integrated coil, providing both diagnostic and interventional capabilities. The design offers both medial and lateral tissue access, with built in ramp, and patient head support for comfort.

Vertical Field Breast Array



The Vertical Field Breast Array offers breast imaging for sites with magnets in the vertical field orientation. Optional biopsy and immobilization device is available for interventional procedures.

BREAST

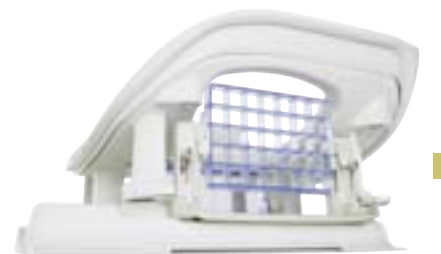


Luminescence

BREAST SYSTEM



Luminescence is the latest evolution in MRI breast coil technology. The system is an ergonomic modular design with comfortable patient positioning accessories. The system is available with both interventional coil and an optional 16-channel diagnostic coil. The interventional coil provides cranial access as well as improved lateral and medial access for minimally invasive breast interventions. The coil also has a system powered fiber optic LED with 12 light points for optimal illumination of the interventional site. Ergonomically designed headrests with comfortable abdominal ramp and armrests reduce the likelihood of patient movement for better imaging results. The light-weight, molded design allows for easy set-up, handling and cleaning.





DynaCAD is an advanced clinical visualization workstation for improved workflow of diagnostic MR breast exams, and planning of MR guided interventional procedures. DynaCAD is another important element to the approach by Invivo to deliver complete solutions for your advanced clinical needs.

DynaCAD processes the large amounts of data typically acquired during MR breast exams, quickly and efficiently hanging imaging series in a user friendly, large two display workspace for radiologist review. The system automatically applies motion correction, generates MIPS, MPR's and subtractions, and provides a wide range of advanced tools for increased workflow and increased diagnostic confidence.

User Features for Improved Workflow

- Large flexible workspace
- Custom hanging protocols
- Multi-application/modality viewing capabilities
- Configurable worklists for easy workflow management
- Automatic PACS archiving of DynaCAD images and standardized reports

Increased Confidence

- Automatic calculation of subtracted images, multi-planar reformatted images (MPRs) and dynamic maximum intensity projections (MIPs)
- 2D and 3D image registration for correction of patient motion artifacts
- Comprehensive set of kinetic analysis tools (angiogenesis maps, time-intensity curves) for evaluation of dynamic contrast enhanced MR images
- Volume analysis feature for monitoring therapy response



Fast, Accurate Interventional Planning

- Simple, menu-driven user interface for performing MR-guided interventional procedures
- Fully integrated with MRI breast coils, breast localization/biopsy systems
- Computer-guided localization for improved procedure planning
- Integration with leading vacuum-assist biopsy devices

DynaCAD



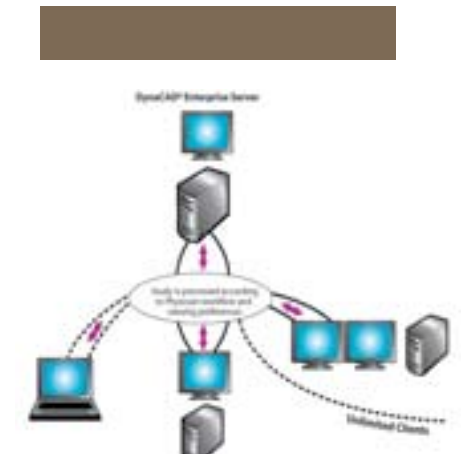
QuickClick Segmentation provides automated processing of 3D lesion segmentation, capture of snapshots and measurements, creation of finding folders, and population of a standard Bi-Rads report, all with ability to quickly and easily modify.

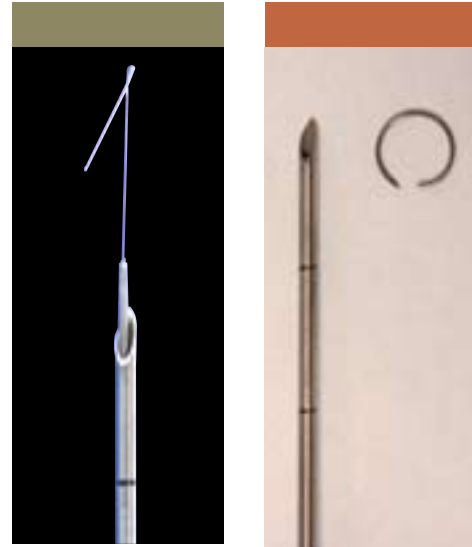
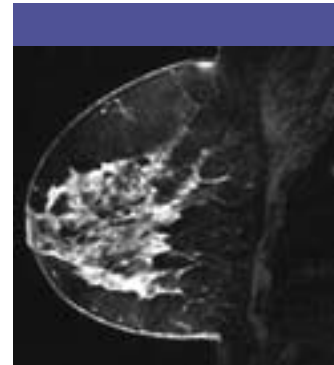
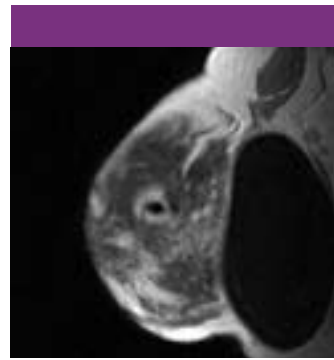
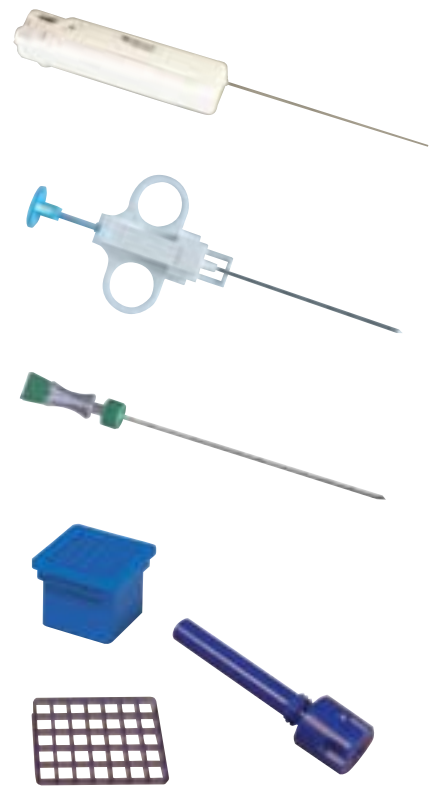


DynaCAD provides a highly integrated, graphical planning tool for MRI-guided percutaneous interventional breast procedures, using hand-held and all approved major manufacturers vacuum assist biopsy devices.

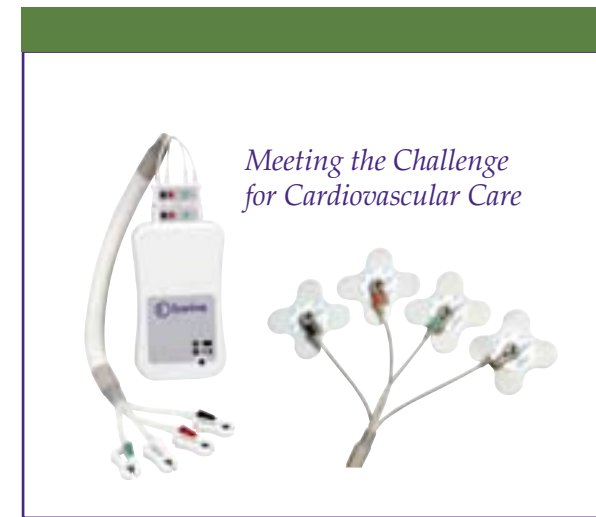


An Enterprise solution is available for robust client/server implementation of DynaCAD. This configuration supports up to five clients reviewing cases simultaneously, with an unlimited numbers of clients ready for review.

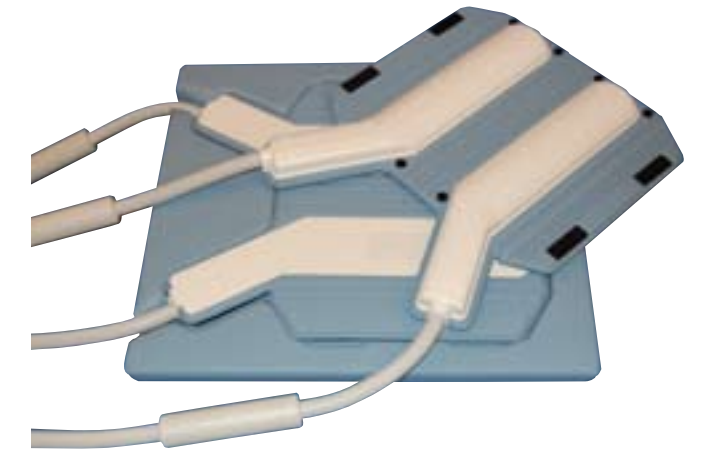




Invivo provides a full line of sterile disposable products for fast, easy, and economical MR guided interventional procedures. A wide variety of products are available, supporting the use of both handheld, and approved major manufacturers vacuum assist biopsy devices.



Precess MRI Patient Monitor provides for Wireless ECG and Cardiac Gating for safer Adult, Pediatric, Neonatal and Cardiovascular MRI applications.



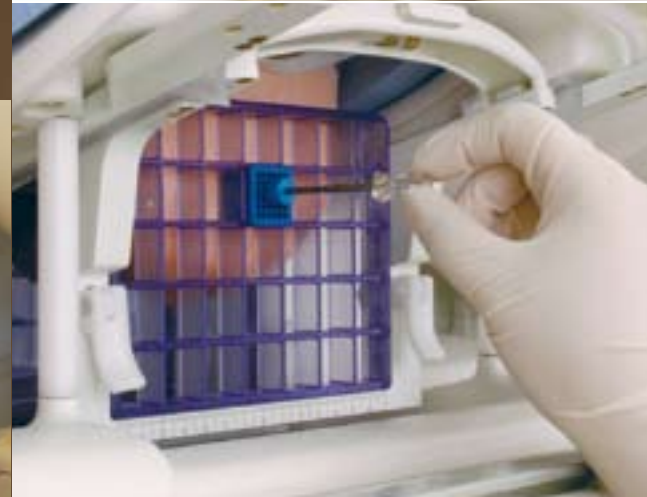
Prestige Cardiac Array

Coil is designed from an extremely light foam flexible material to comfortably conform to a wide variety of patient sizes. Increased element count is optimized for parallel imaging applications for faster image acquisition allowing for reasonable breath holds for compromised patients. Easily adjustable straps quickly position coil in place, reducing coil motion during scan.

SOFT TISSUE



CARDIAC

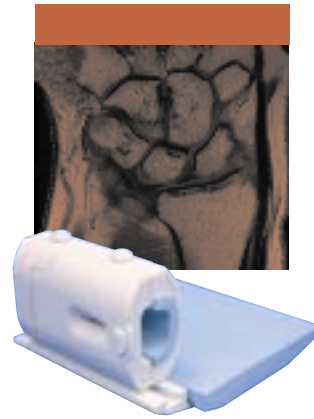


Hand and Wrist Array



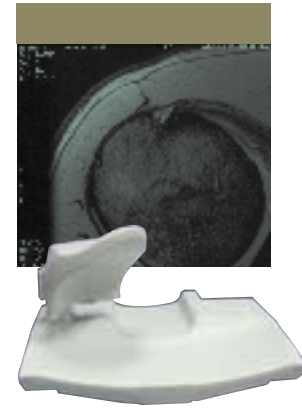
Array offers extended coverage of the wrist to include the structures in the hand and base of the fingers. Coil may be used in the over the head, or at side patient position. Coil splits in half for easy positioning.

Precision Wrist Array



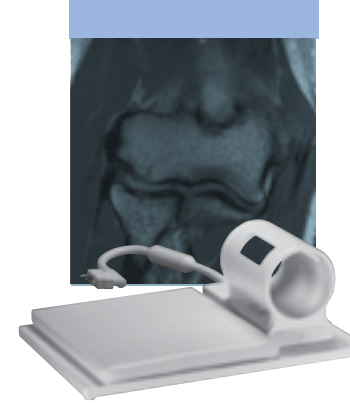
Coil is optimized for parallel imaging, producing exquisite images of the structures of the wrist. Hinged design provides fast, easy set-up. Coil may be used both at patient side and overhead for patient comfort and increased image quality

Precision Shoulder Array



One adjustable, single coil comfortably accommodates a large variety of patient sizes. This coil offers superior medial coverage for enhanced labral visualization. Increased parallel imaging offers 2x in all directions. Anatomically contoured design improves fit, for improved patient comfort.

Small Extremity Array



This array offers a solution for high quality, small FOV imaging of the often difficult to image elbow joint. Coil is designed for use at patient's side, locking to baseplate and including insert pads to reduce joint and coil motion during exam.

Upper Extremity Array



Flexible material wraps around the upper extremity for imaging between joints in the arm. One size is adjustable for a wide variety of patient sizes. Cloth material is comfortable at patient side, and enables quick set-up. Lower extremity wrap is also available.



ORTHOPEDICS UPPER



The sophistication and technology of our products continue to evolve as a result of our strong partnerships with customers and leading MRI system manufacturers. New designs embrace increases in element count, field strength, and new imaging applications. The Invivo Precision coil line offers excellent performance for a wide variety of MR systems. The new Prestige line offer high performance and increased image acquisition for 16 and 32 channel MR Systems. Our dedicated team of RF and mechanical engineers work in tandem to optimize coil fit and comfort, meet signal-to-noise and image homogeneity requirements, and speed image acquisition time for each patient application. The results are products engineered to fit the needs of clinicians and increase the diagnostic value for patients.





Prestige Knee Array



Two end rings and increase in element count allows for parallel imaging in all directions, for fast easy acquisition. Larger aperture design allows for high resolution imaging of larger patients. Transmit/Receive design offers benefits in high field imaging applications. Split shell design provides fast, easy setup.

Precision Hip Array

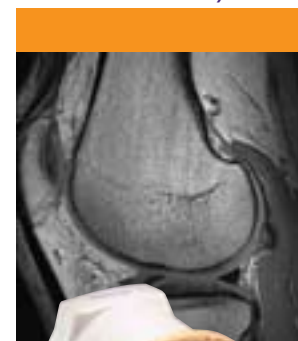


Dedicated hip array is unilateral in design, with soft flexible coil material for comfortable fit on a wide variety of patient sizes. Parallel imaging capabilities exist in all imaging directions for fast easy imaging acquisitions. Adjustable strap quickly positions coil comfortably on patient.

ORTHOPEDICS LOWER



Precision Knee Array



This dedicated knee coil offers high resolution imaging of the knee. Ovoid, tapered aperture comfortably accommodates most patients while providing element design close fitting to the joint. Removable anterior shell easily removes for fast patient set-up, and single lock handle immobilizes coil during the exam.

Precision Foot Ankle Array



Fast image acquisition, and minimal coil motion combine to provide high quality MR exams. Elements wrap joint to produce exquisite small FOV images of the structures of the foot and ankle. "Ski boot" design accommodates large patients for quick, easy setup.

Quadrature Knee, Foot & Ankle Coil



Birdcage design maximizes image quality for superior spatial and contrast resolution images of the foot, ankle, and knee. Anterior vertical extension increases the imaging volume for complete evaluation of foot and ankle structures. Coil design produces homogeneous images of the knee. Ergonomically designed patient pads ensure a comfortable patient examination.



Neurovascular, head and spine imaging are the back-bone of many MRI centers. Invivo offers solutions for these and specialized imaging applications like clinical fMRI. Each coil is designed for performance, ease of set-up, patient comfort, reliability, and unparalleled image quality.



In-Magnet LCD Display



Control Room Console

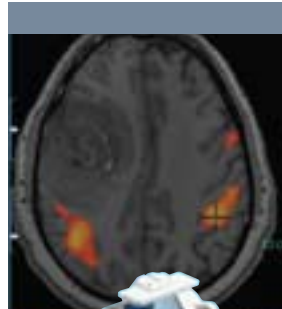


ESys provides high definition in-magnet room audio and visual presentation for the enjoyment of the patient during an MR exam. Low profile touch screen console controls media presentation from control room. Large 30 inch in-magnet display may be positioned on either end of the bore. Patient views screen using coil mirrors. System plays a variety of audio and video medias. Entertained, relaxed patients during studies can reduce anxiety and patient motion during MR exams.

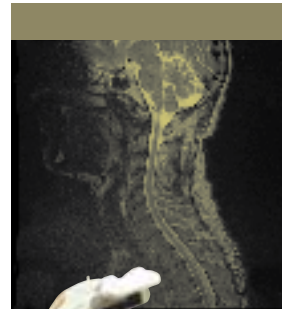
NEUROVASCULAR

ESYS ENTERTAINMENT

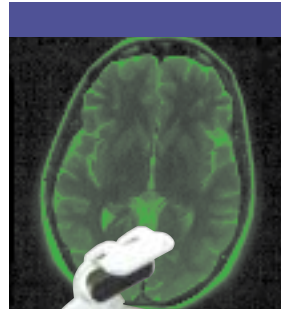
Prestige Head Array



Prestige Neurovascular Array



Precision Head Array



Increased element count and optimized layout design, offer high resolution for specialized head imaging applications. Coil is designed for parallel imaging for fast image acquisition. easy positioning.

Single coil performs studies including routine brain, cervical spine and upper chest down to the aortic arch. Coil takes advantage of parallel imaging acquisitions, for fast easy imaging.

This coil is designed for today's parallel imaging applications for fast easy image acquisition. Padded head cradle and retractable coil elements slide easily into position for fast patient set-up.





Control Room Components

- Touchscreen Control LCD
- Shuttle™ Development PC
- Shuttle™ Presentation PC
- KVM Switch
- Power Pack

In-Magnet Components

- Large 30 inch LCD screen
- High Performance Audio system
- Ergonomic Button Response units
- Fiber Optic cables

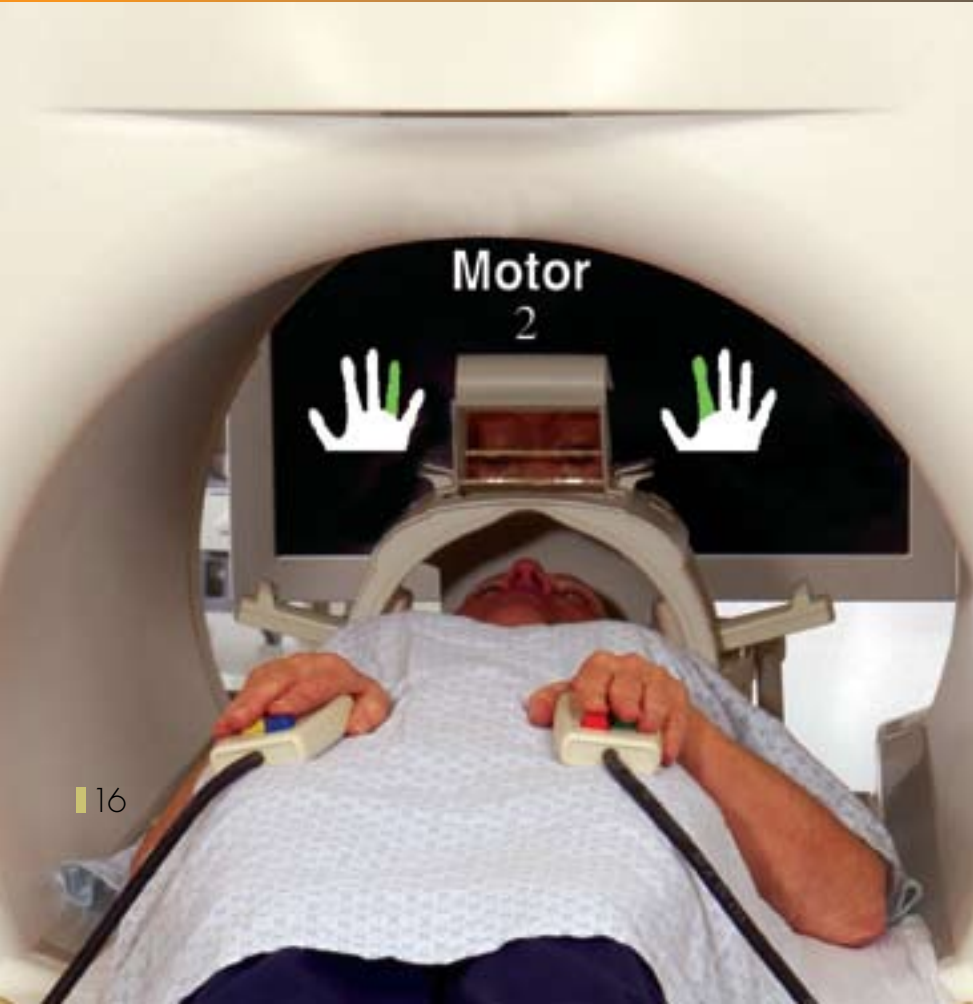


The DynaSuite Neuro Workstation is a high performance advanced MR Neuro solution to aid in rapid and repeatable diagnosis of MR Neuro images by physicians. DynaSuite Neuro has simplified time-intensive MR Neuro diagnostic analysis into a powerful, easy to use system for clinical use.

DynaSuite Neuro contains a collection of advanced MR techniques – diffusion, fiber tracking, perfusion analysis, fMRI, and vessel analysis. Data can be easily fused to any anatomical image in both 2D and 3D views, providing answers faster and more efficiently.

DynaSuite Neuro is DICOM compatible and automatically processes all data from major MRI systems. To improve your diagnostic confidence and workflow, a comprehensive set of automatic image processing tools and layouts are available and easily configured for physician preference. Reports and Result Series may be sent in DICOM format to PACS, Computer Assisted Surgery, and Treatment Planning systems.

ESys FMRI | DYNASUITE NEURO



ESys fMRI

Complete integrated, user friendly in-magnet and control room system solution for functional MR imaging. System provides all the integrated hardware for in-magnet and control room components. Software provides for experiment creation, patient management, protocol planning, precise delivery of brain stimulation and behavior data analysis.

Software Suite

Through use of easy to use GUI interface, wizards and experiment ready routines, custom experiments may be rapidly setup for creation of precise fMRI experiments.





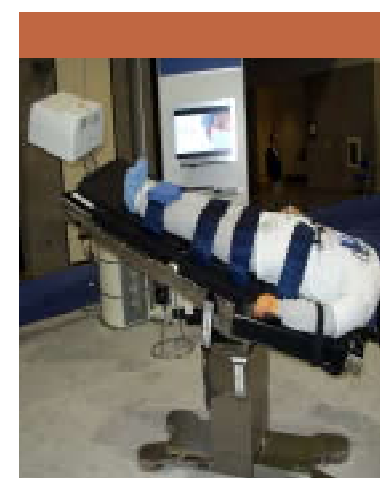
PRECESS



Invivo has over 20 years of experience developing patient vital signs monitors designed to increase safety, patient throughput and image quality. Precess is Invivo's 5th generation MRI patient monitor and is the first monitor in the world to feature wireless ECG and wireless SpO₂. See why Invivo is advancing MRI patient management.

- Wireless ECG - 2 channels
- Wireless SpO₂
- Low-Flow End Tidal CO₂
- Anesthetic Agents
- FiberTEMP Patient Temperature
- Non-Invasive Blood Pressure
- Wireless Pneumatic Respiration
- Cardiac and Peripheral Gating
- 2 Invasive Blood Pressure channels
- User replaceable batteries

PRECESS OFFERS PATIENT MANAGEMENT CONFIGURATION OPTIONS



- Clinicians want more useable space in MRI Suite
- Easier Patient Access
 - Easier Patient Transportation to/from MRI
 - Greater Cable Longevity
 - More Efficient Patient Workflow
 - Reduced Risk of Damaging Equipment During Transport

Ideal for Intra-operative MRI, Anesthesia and Sedation Applications

INVIVO
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SOFT TISSUE
CARDIAC
ORTHOPEDIC UPPER
ORTHOPEDIC LOWER
NEUROVASCULAR
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ESys fMRI
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PRECESS



 **Invivo**
INSPIRED BY A BETTER WAY

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