radiology radiography amray radiation protection, electromagnetic waves marshield custom radiation products, national mri shielding family owned business, a novel optically transparent rf shielding for fully, radiofrequency shielding radiology reference article, mri rf shielding for superior attenuation performance, mri rf shielding design jz imaging jrehc esy es, mri shielding rf shielding imedco, intraoperative design in a hybrid surgical environments, mri rf shielding marshield custom radiation products, mri shielding electromagnetic shielding rf shielding, advanced global construction inc, mri s unsung hero mri shielding why to choose pdc, mri design electromagnetic shielding rf shielding australia, radio frequency room mri room shielding ray bar, magnetic resonance imaging sprawls, mri design guide united states department of veterans, hospital planning imaging departments design collaborative, mri shielding and rf shield design for your new mri system, mri faraday shield mr tip database, mri shielding mri questions amp answers mr imaging, mri radio frequency shielding mr tip database, kkm diagnostic imaging group o scan kkmdig com, manufacturing firm rf shielding newport beach ca, design of a magnetic resonance imaging compatible metallic, rf shield rooms united states national mri shielding, radio frequency shielding imedco of switzerland, mri nelco worldwide, medical imaging wikipedia, ra mayes universal shielding mri shield room and, a practical guide for designing magnetic resonance imaging, high quality mri rf shielding faraday cages, vantage galan 3t digital mri magnetic resonance imaging, mri magnet shielding design services imedco america, mri rf shielding design jz imaging, mri copper steel shielded jz imaging, new shielding configurations for a simultaneous pet mri, mri room design, sdi expert in mri amp rf shielding for hospital, mri site planning checklist amber usa blog radiology, mri soldered copper system rf shielding protectio nelco, spec imaging home facebook, spec mri siting spec imaging, magnetic and rf shielding of a novel compact 6mev linac, rf shielding installation procedures, rf shielding questions and answers in mri, mri shielding electromagnetic shielding rf shielding
amray provides protection for radiology radiography applications include diagnostic and treatment of diseases and injuries using medical imaging techniques such as x ray and magnetic resonance imaging mri bespoke design 1 4mm pb rf shielding for mri equipment, medical imaging facility shielding build construction materials lead bricks sheet lead lead lined drywall mri rf shielding rf copper system rf galvanized panel system auto latch rf door sliding rf door mri rf copper system rf galvanized panel system auto latch rf door sliding rf door, at the onset of a project nms delivers site planning radio frequency rf and magnetic shielding design and uses its extensive experience to solve problems before they occur the core competency of national mri shielding is the manufacturing and installation of rf shielded enclosures, positioning the scintillators near the object but requires an optimized design of the mri coil and pet detector it further requires a new approach in realizing the radiofrequency rf shielding pet mri rf shielding sipm pet preclinical imaging small emission tomography and magnetic resonance imaging pet mri systems provide, rf shielding serves to both prevent external em interference from contaminating the target tissue signal and to ensure that signals generated by mri imaging do not escape the room mri systems utilize minute changes in local em fields in order to distinguish differences in target tissue composition, dont risk image quality downtime patient experience and added project costs with inadequate mri rf shielding since mri hit the commercial market we have partnered with mri vendors and providers to design and install innovative mri shielding to deliver superior attenuation long term performance rapid installation and ultimately improved patient care, the australian magnetic resonance imaging mri linac program is a 16 million government funded project to advance the science and clinical practice of exquisite real time anatomical and mri rf shielding design nelcos mri rf shielding is, as a division of the largest dedicated magnetic resonance imaging mri shielding company in the world imedco america has an established reputation for delivering mri rf shielding packages optimized for each individual environment, achieving diagnostic quality imaging with innovative rf shielding proper mri imaging requires a sealed environment free from electromagnetic interference to ensure the imaging modalities produce premium diagnostic quality images we design a patented rf shielding system featuring copper paneling for walls ceiling and floor space, marshield supplies mri rf shielding products for use in medical imaging and facility shielding, multi vendor magnetic shielding design major hospital construction projects cant always afford to wait until imaging equipment has been selected before mri suites are built magnetic shielding is the first element of the mri suite to be installed and the designs for the shielding are specific to each vendors equipment and to the site, mri advanced global construction inc provides intelligent planning design and construction of mri and radio frequency shielding projects for government military and medical facilities with many years of experience our personnel are experts in radio frequency shielding for mri and rf testing as well as radiation prescriptions and, with all the time effort and thought put into choosing your mri system and suite design wed like to help make choosing your mri shielding a little easier so why choose pdc mri shielding superior attenuation meet or exceed all mri vendors rf attenuation specifications, multi vendor magnetic shielding design major hospital construction projects cant always afford to wait until imaging equipment has been selected before mri suites are built magnetic shielding is the first element of the mri suite to be installed and the designs for the shielding are specific to each vendors equipment and to the site, ray bar does not supply any materials for mri or radio frequency rooms as they do not produce any ionizing x ray or gamma radiation however dual modality mri and ct rooms do require radiation and magnetism shielding magnetic resonance imaging or radio frequency rooms all calculations for lead shielding requirements should be, that is why the procedure is known as magnetic resonance imaging it is actually certain nuclei typically protons within the tissue that resonate the typical units are millitesla per meter mt m the maximum gradient strength that can be produced is a design characteristic of a specific imaging system the principle of rf shielding, the material contained in the magnetic resonance imaging design guide is the culmination the mri design guide was developed as a tool to assist contracting officers medical cen an access point through the rf shield between the mri scanner room, mri systems are highly sensitive to radio frequencies the rf shield which is essentially a 6 sided copper lined box around the room protects the mri system from exterior radio frequencies for clarity of scan the footprint for the rf shield is set by the architect during the design process, if youre building a medical imaging room youll need to plan for the rooms mri shielding and rf shield enclosure design if youre furnishing an old room with a new mri system you should analyze the shields effectiveness with the new technology for help with your rf shield enclosure our experts have your back, radio frequency shielding includes the construction of enclosures for the purpose of reducing the transmission of electric or magnetic fields from one space to another faraday cage faraday shield electrically conducted shielding is designed to isolate mri systems from its environment at the resonant frequencies, magnetic resonance imaging mri is a diagnostic imaging tool that uses magnetic fields and radio waves mri shielding is also different than x ray shielding x ray requires the use of lead and is more line of sight mri requires radio frequency shielding nearly 100 of the time with the exception being some small research mri, radio frequency shielding includes the construction of enclosures for the purpose of reducing the transmission of electric or magnetic fields from one space to another faraday cage faraday shield electrically conducted shielding is designed to isolate mri systems from its environment at the resonant frequencies, hassle free mri o scan does more in less space the innovative design integrates a complete mri system including rf shielding in one unique package minimizing the total space needed for installation, we are on the threshold of new computer technology including the use of the latest cad computer aided design software our knowledgeable staff looks forward to helping you transform concepts into reality using the incredible technology of the new millennium for rf shielding designs that allow for error free mri diagnostic imaging, design of a magnetic resonance imaging compatible metallic pressure vessel matthew ouellette mri research center department of physics mechanical engineering department, national mri shielding is an rf shielding manufacturer in
texas that manufactures and installs rf shielding enclosures and mri shield rooms throughout the united states, mri equipment generates strong rf interference which can disturb other electronic equipment in the hospital or affect television and radio reception in the neighbourhood conversely external rf signals may be picked up by the mri systems rf coils and adversely influence the accuracy of the imaging data mri, magnetic shielding for magnetic resonance imaging mri machines features amp highlights versatility built for high traffic and high rf attenuation customization dimensions and thicknesses to meet any design need testing conduct rf qualification and final acceptance tests as well as ground isolation test download data amp specs, medical imaging is often perceived to designate the set of techniques that noninvasively produce images of the internal aspect of the body a magnetic resonance imaging instrument mri scanner in magnetic resonance imaging there is mri rf shielding as well as magnetic shielding to prevent external disturbance of image quality, universal shielding corp usc magnetic resonance imaging mri modular rf shielded rooms usc was established in 1972 and during this time span has provided in excess of 40 000 pre fabricated shielded enclosures to military commercial and medical facilities, magnetic resonance imaging equipment includes functional magnetic resonance imaging fmr magnetic resonance imaging mri and nuclear magnetic resonance nmrs this room typically has rf shielding the gantry patient bed the gradient coils and the quench duct are all located here one standard for the architectural design of an, medical as a leader in the medical shielded enclosure industry holland shielding systems has the established experience practical knowledge advanced techniques and design ideas necessary to build dependable state of the art mri facilities high quality rf shielding, the systems digital rf transmit and receive efficiency enhances clinical confidence in imaging performance while shortening scan times advanced shielding design vantage galan 3ts unique pure rf tx technology allows you to acquire sharper images with improved snr, optimal mri shielding design requires a clear understanding of existing or planned site conditions user needs and constructibility it also requires experience that successfully addresses the physics of mri equipment including radio frequency interference magnetic field containment and acoustic noise impact, mri rf shielding design nelcos mri rf shielding is specifically designed for the mri industry shielding in mri a magnetic resonance imaging mri unit uses a strong magnetic field a rf signal and a sophisticated computer system to produce images of the human body because the unit, technical specifications modular galvanized panel rf shielding pdf mri rf shielded enclosure handbook pdf technical features pdf technical specifications wood frame copper rf and electro magnetic shielding pdf technical specifications solder copper rf system pdf, rf shielding investigation at 300 mhz the pet detector module was placed above the electrical center of a birdcage volume resonator the standard 35 mm id mouse volume coil supplied by bruker in order to mimic the final pet mri system design, amber diagnostics provides specific room designs for any mri installation click the link below for more info https www amberusa com contact, magnetic resonance imaging mri is a cutting edge diagnostic technique however the performance of this sophisticated diagnostic tool depends essentially on the quality of the shielding provided there is no shielding system on the market in canada which outperforms sdi, use the following mri site planning check list as a site planning reference for key aspects to consider when designating an imaging facility for an mri primary mri areas exam room control room equipment room power supplies and rf equipment cryogen storage reading room secondary mri areas quality control and service, well design the system provide quality materials install the components and conduct final rf compliance testing we also specialize in upgrading existing shielded rooms to allow for new mri units hospital renovations and aesthetic improvements, spec imaging 2 likes spec imaging is dedicated to design engineer and manufacture mri products for a wide range of industries such as veterinary jump to sections of this page mri rf shielding installation materials product service centro educacional maranata education, spec mri features a single room installation which means the entire system magnet rf shielding cage electronics and veterinary imaging station can be perfectly fit into a room of 165 ft 2 the modular rf shielding cage is specially tailored to match your siting criteria, magnetic and rf shielding of a novel compact 6mev linac for mri guided radiation therapy system ve rf shield that eliminates the mri rf from the magnetic resonance imaging mri system of, rf shielding tests safety blanket yshield v4a gauze mesh hng80 in faraday sack emr ehs duration 9 01 mernalizer 13 423 views, specialized construction firms such as ets lindgren or national mri shielding are generally enlisted in the design and building oversight for the rf shielded magnet room, parkville vic faraday cage passive magnetic shielding and integrated lead shielding for one of australia's first pet mri scanners this project was our third successful mri installation at royal childrens hospital confirming that faraday pty ltd have the versatility and technical prowess to adapt to the challenging requirements of new imaging technology
Radiology Radiography Amray Radiation Protection
June 10th, 2019 - Amray provides protection for radiology radiography applications include diagnostic and treatment of diseases and injuries using medical imaging techniques such as X-ray and Magnetic Resonance Imaging MRI bespoke design 1–4mm Pb RF Shielding for MRI equipment

Electromagnetic Waves MarShield Custom Radiation Products
June 1st, 2019 - Medical Imaging Facility Shielding Build Construction Materials Lead Bricks Sheet Lead Lead Lined Drywall MRI RF Shielding RF Copper System RF Galvanized Panel System Auto Latch RF Door Sliding RF Door MRI RF RF Copper System RF Galvanized Panel System Auto Latch RF Door Sliding RF Door

National MRI Shielding Family Owned Business
June 1st, 2019 - At the onset of a project NMS delivers site planning radio frequency RF and magnetic shielding design and uses its extensive experience to solve problems before they occur. The core competency of National MRI Shielding is the manufacturing and installation of RF shielded enclosures

A novel optically transparent RF shielding for fully
March 12th, 2019 - Positioning the scintillators near the object but requires an optimized design of the MRI coil and PET detector. It further requires a new approach in realizing the radiofrequency RF shielding PET MRI RF shielding SiPM PET preclinical imaging small emission tomography and magnetic resonance imaging PET MRI systems provide

Radiofrequency shielding Radiology Reference Article
May 26th, 2019 - RF shielding serves to both prevent external EM interference from contaminating the target tissue signal and to ensure that signals generated by MR imaging do not escape the room. MRI systems utilize minute changes in local EM fields in order to distinguish differences in target tissue composition

MRI RF Shielding for superior attenuation performance
June 13th, 2019 - Don’t risk image quality. Downtime patient experience and added project costs with inadequate MRI RF shielding. Since MRI hit the commercial market we’ve partnered with MRI vendors and providers to design and install innovative MRI shielding to deliver superior attenuation long term performance rapid installation and ultimately improved patient care

MRI RF Shielding Design Jz Imaging
June 17th, 2019 - The Australian Magnetic Resonance Imaging MRI Linac program is a 16 million government funded project to advance the science and clinical practice of exquisite real time anatomical and MRI RF shielding design

MRI Shielding RF Shielding IMEDCO
June 16th, 2019 - As a division of the largest dedicated Magnetic Resonance Imaging MRI shielding company in the world IMEDCO America has an established reputation for delivering MRI RF shielding packages optimized for each individual environment

Intraoperative Design In A Hybrid Surgical Environments
June 13th, 2019 - ACHIEVING DIAGNOSTIC QUALITY IMAGING WITH INNOVATIVE RF SHIELDING Proper MR imaging requires a sealed environment free from electromagnetic interference. To ensure the imaging modalities produce premium diagnostic quality images we design a patented RF shielding system featuring Copper paneling for walls, ceiling and floor space

MRI RF Shielding MarShield Custom Radiation Products
June 8th, 2019 - MarShield supplies MRI RF shielding products for use in medical imaging and facility shielding

MRI Shielding Electromagnetic Shielding RF Shielding
May 25th, 2019 - Multi Vendor Magnetic Shielding Design. Major hospital construction projects can’t always afford to wait until imaging equipment has been selected before MRI suites are built. Magnetic shielding is the first element of the MRI suite to be installed and the designs for the shielding are specific to each vendor’s equipment and to the site

Advanced Global Construction Inc
June 14th, 2019 - MRI Advanced Global Construction Inc provides intelligent planning design and construction of MRI and Radio Frequency Shielding projects for government military and medical facilities. With many years of experience our personnel are experts in Radio Frequency Shielding for MRI and RF Testing as well as radiation prescriptions and
MRI’s Unsung Hero MRI Shielding Why to Choose PDC
June 10th, 2019 - With all the time effort and thought put into choosing your MR system and suite design we’d like to help make choosing your MRI Shielding a little easier. So why choose PDC MRI Shielding? Superior Attenuation Meet or exceed all MRI vendors’ RF attenuation specifications.

MRI Design Electromagnetic Shielding RF Shielding Australia
June 7th, 2019 - Multi Vendor Magnetic Shielding Design Major hospital construction projects can’t always afford to wait until imaging equipment has been selected before MRI suites are built. Magnetic shielding is the first element of the MRI suite to be installed and the designs for the shielding are specific to each vendor’s equipment and to the site.

Radio Frequency Room MRI Room Shielding Ray Bar
June 15th, 2019 - Ray Bar does not supply any materials for MRI or Radio Frequency rooms as they do not produce any ionizing x-ray or gamma radiation. However, dual modality MRI and CT rooms do require radiation and magnetism shielding. Magnetic Resonance Imaging or Radio Frequency Rooms. All calculations for lead shielding requirements should be.

Magnetic Resonance Imaging SPRAWLS
June 15th, 2019 - That is why the procedure is known as magnetic resonance imaging. It is actually certain nuclei (typically protons) within the tissue that resonate. The typical units are millitesla per meter mT/m. The maximum gradient strength that can be produced is a design characteristic of a specific imaging system. The principle of RF shielding.

MRI Design Guide United States Department of Veterans
June 13th, 2019 - The material contained in the Magnetic Resonance Imaging Design Guide is the culmination. The MRI Design Guide was developed as a tool to assist Contracting Officers Medical Centers. An access point through the RF shield between the MRI Scanner Room.

Hospital Planning Imaging Departments Design Collaborative
June 13th, 2019 - MRI systems are highly sensitive to radio frequencies. The RF shield which is essentially a 6 sided copper lined box around the room protects the MRI system from exterior radio frequencies for clarity of scan. The footprint for the RF shield is set by the architect during the design process.

MRI Shielding and RF Shield Design for Your New MRI System
June 15th, 2019 - If you’re building a medical imaging room you’ll need to plan for the room’s MRI shielding and RF shield enclosure design. If you’re furnishing an old room with a new MRI system, you should analyze the shield’s effectiveness with the new technology. For help with your RF shield enclosure, our experts have your back.

MRI Faraday Shield MR TIP Database
June 1st, 2019 - Radio frequency shielding includes the construction of enclosures for the purpose of reducing the transmission of electric or magnetic fields from one space to another. Faraday cage. Faraday shield. Electrically conducted shielding is designed to isolate MRI systems from its environment at the resonant frequencies.

MRI SHIELDING MRI Questions & Answers MR imaging
June 12th, 2019 - Magnetic Resonance Imaging MRI is a diagnostic imaging tool that uses magnetic fields and radio waves. MRI shielding is also different than X-ray shielding. X-ray requires the use of lead and is more “line of sight”. MRI requires radio frequency shielding nearly 100 of the time with the exception being some small research MR.

MRI Radio Frequency Shielding MR TIP Database
June 4th, 2019 - Radio frequency shielding includes the construction of enclosures for the purpose of reducing the transmission of electric or magnetic fields from one space to another. Faraday cage. Faraday shield. Electrically conducted shielding is designed to isolate MRI systems from its environment at the resonant frequencies.

KKM Diagnostic Imaging Group O scan kkmdig.com
June 5th, 2019 - Hassle Free MRI O scan does more in less space. The innovative design integrates a complete MRI system including RF shielding in one unique package minimizing the total space needed for installation.

Manufacturing Firm RF Shielding Newport Beach CA
June 12th, 2019 - We are on the threshold of new computer technology including the use of the latest CAD computer aided design software. Our knowledgeable staff looks forward to helping you transform concepts into reality using the incredible technology of the new millennium. For RF shielding designs that allow for error-free MRI diagnostic imaging.
Design of a Magnetic Resonance Imaging Compatible Metallic Pressure Vessel Matthew Ouellette MRI Research Centre Department of Physics Mechanical Engineering Department

RF Shield Rooms United States National MRI Shielding
May 26th, 2019 - National MRI Shielding is an RF shielding manufacturer in Texas that manufactures and installs RF shielding enclosures and MRI shield rooms throughout the United States

Radio Frequency Shielding IMEDCO of Switzerland
June 13th, 2019 - MRI equipment generates strong RF interference which can disturb other electronic equipment in the hospital or affect television and radio reception in the neighbourhood Conversely external RF signals may be picked up by the MRI system’s RF coils and adversely influence the accuracy of the imaging data MRI

MRI NELCO Worldwide
June 12th, 2019 - Magnetic shielding for Magnetic Resonance Imaging MRI machines Features amp Highlights Versatility Built for high traffic and high RF attenuation Customization Dimensions and thicknesses to meet any design need Testing Conduct RF qualification and final acceptance tests as well as ground isolation test Download Data amp Specs

Medical Imaging Wikipedia
June 12th, 2019 - Medical imaging is often perceived to designate the set of techniques that noninvasively produce images of the internal aspect of the body A magnetic resonance imaging instrument MRI scanner In magnetic resonance imaging there is MRI RF shielding as well as magnetic shielding to prevent external disturbance of image quality

RA Mayes Universal Shielding MRI Shield Room and
June 2nd, 2019 - Universal Shielding Corp USC Magnetic Resonance Imaging MRI Modular RF Shielded Rooms USC was established in 1972 and during this time span has provided in excess of 40 000 pre fabricated shielded enclosures to military commercial and medical facilities

A Practical Guide For Designing Magnetic Resonance Imaging
June 7th, 2019 - Magnetic Resonance Imaging equipment includes Functional Magnetic Resonance Imaging fMRI Magnetic Resonance Imaging MRI and Nuclear Magnetic Resonance NMRs This room typically has RF shielding The gantry patient bed the gradient coils and the quench duct are all located here One standard for the architectural design of an

High quality MRI RF shielding Faraday Cages
June 10th, 2019 - Medical As a leader in the medical shielded enclosure industry Holland Shielding Systems has the established experience practical knowledge advanced techniques and design ideas necessary to build dependable state of the art MRI facilities High quality RF shielding

Vantage Galan 3T Digital MRI Magnetic Resonance Imaging
June 7th, 2019 - The system’s digital RF transmit and receive efficiency enhances clinical confidence in imaging performance while shortening scan times Advanced shielding design Vantage Galan 3T’s unique PURE RF Tx technology allows you to acquire sharper images with improved SNR

MRI Magnet Shielding Design Services IMEDCO AMERICA
June 16th, 2019 - Optimal MRI shielding design requires a clear understanding of existing or planned site conditions user needs and constructibility It also requires experience that successfully addresses the physics of MRI equipment including radio frequency interference magnetic field containment and acoustic noise impact

MRI RF SHIELDING DESIGN JZ Imaging
June 14th, 2019 - MRI RF SHIELDING DESIGN Nelco’s MRI RF Shielding is specifically designed for the MRI industry Shielding in MRI A Magnetic Resonance Imaging MRI unit uses a strong magnetic field a RF signal and a sophisticated computer system to produce images of the human body Because the unit

MRI Copper Steel Shielded JZ Imaging
June 13th, 2019 - Technical Specifications Modular Galvanized Panel RF Shielding PDF MRI RF Shielded Enclosure Handbook PDF Technical Features PDF Technical Specifications Wood Frame Copper RF and Electro Magnetic Shielding PDF Technical Specifications Solder Copper RF System PDF

New shielding configurations for a simultaneous PET MRI
February 2nd, 2017 - RF shielding investigation at 300 MHz The PET detector module was placed above the electrical center of a birdcage volume resonator the standard 35 mm ID mouse volume coil supplied by Bruker in order to mimic the final PET MRI system design

**MRI Room Design**
May 20th, 2019 - Amber Diagnostics provides specific room designs for any MRI installation Click the link below for more info https www amberusa com contact

**SDI Expert in MRI amp RF Shielding for Hospital**
June 13th, 2019 - Magnetic Resonance Imaging MRI is a cutting edge diagnostic technique However the performance of this sophisticated diagnostic tool depends essentially on the quality of the shielding provided There is no shielding system on the market in Canada which outperforms SDI

**MRI SITE PLANNING CHECKLIST Amber USA Blog Radiology**
June 12th, 2019 - Use the following MRI site planning check list as a site planning reference for key aspects to consider when designating an imaging facility for an MRI PRIMARY MRI AREAS Exam Room Control Room Equipment Room power supplies and RF equipment Cryogen Storage Reading Room SECONDARY MRI AREAS Quality Control and Service

**MRI Soldered Copper System RF Shielding Protectio NELCO**
June 10th, 2019 - We'll design the system provide quality materials install the components and conduct final RF compliance testing We also specialize in upgrading existing shielded rooms to allow for new MRI units hospital renovations and aesthetic improvements

**SPEC Imaging Home Facebook**
May 29th, 2019 - SPEC Imaging is dedicated to design engineer and manufacture MRI products for a wide range of industries such as veterinary Jump to Sections of this page MRI RF Shielding Installation Materials Product Service Centro Educacional Maranata Education

**SPEC MRI Siting SPEC Imaging**
June 15th, 2019 - SPEC MRI features a single room installation which means the entire system magnet RF shielding cage electronics and veterinary imaging station can be perfectly fit into a room of 165 ft 2 The modular RF shielding cage is specially tailored to match your siting criteria

**Magnetic and RF Shielding of a Novel Compact 6MeV Linac**
June 8th, 2019 - Magnetic and RF Shielding of a Novel Compact 6MeV Linac for MRI Guided Radiation Therapy System ve RF shield that eliminates the MRI RF from the magnetic resonance imaging MRI system of

**RF Shielding Installation Procedures**
April 26th, 2019 - RF shielding tests Safety Blanket Yshield V4A gauze mesh HNG80 in Faraday sack EMR EHS Duration 9 01 Merializer 13 423 views

**RF Shielding Questions and Answers in MRI**
June 15th, 2019 - Specialized construction firms such as ETS Lindgren or National MRI Shielding are generally enlisted in the design and building oversight for the RF shielded magnet room

**MRI Shielding Electromagnetic Shielding RF Shielding**
May 3rd, 2019 - Parkville Vic Faraday cage passive magnetic shielding and integrated lead shielding for one of Australia's first PET MR scanners This project was our third successful MRI installation at Royal Children's Hospital confirming that Faraday Pty Ltd have the versatility and technical prowess to adapt to the challenging requirements of new imaging technology