

Radiology

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. Image B: Q fever pneumonia. Radiology is the medical specialty directing medical imaging technologies to diagnose and sometimes treat diseases. Originally it was the aspect of medical science dealing with the medical use of electromagnetic energy emitted by X-ray machines or other such radiation devices for the purpose of obtaining visual information as part of medical imaging. Radiology that involves use of x-ray is called roentgenology. Today, following extensive training, radiologists direct an array of imaging technologies and magnetic resonance imaging) to diagnose or treat disease. Interventional radiology is the performance of medical procedures with the guidance of imaging technologies. The acquisition of medical imaging is usually carried out by the radiographer or radiologic technologist. Outside of the medical field, radiology also encompasses the examination of the inner structure of objects using X-rays or other penetrating radiation. ([From the Wikipedia article Radiology](#) .)

Recent Publications on Radiology:



- [Determination of brain iron content in patients with Parkinson's disease using magnetic susceptibility imaging.](#)
Objective To compare the phase radians in several cerebral regions between... 21st November, 2009
Department of Neurology, Union Hospital, Tongji Medical College, Huazhong- Neurosci Bull. 2009 Dec;25(6):353-360.
- [Injury of the Posterior Ligamentous Complex of the Thoracolumbar Spine: A Prospective Evaluation of the Diagnostic Accuracy of Magnetic Resonance Imaging.](#)
STUDY DESIGN.: Prospective diagnostic imaging study. OBJECTIVE.: To... 21st November, 2009
From the *The Rothman Institute, Thomas Jefferson University Hospital,- Spine (Phila Pa 1976). 2009 Nov 1;34(23):E841-E847. ([DOI Direct Link](#))
- [Pulse wave velocity and vascular calcification at different stages of chronic kidney disease.](#)
BACKGROUND: Increased arterial stiffness and vascular calcification have... 21st November, 2009
aINSERM, ERI-12 (EA 4292), France bClinical Research Centre - Division of- J Hypertens. 2009 Nov 18. ([DOI Direct Link](#))
- [Association of Thyroid Autoantibodies With Moyamoya-Type Cerebrovascular Disease. A Prospective Study.](#)
BACKGROUND AND PURPOSE: To investigate the association between thyroid... 21st November, 2009
From the Department of Neurology, the Center for Health Promotion, and the- Stroke. 2009 Nov 19. ([DOI Direct Link](#))
- [Postthrombolysis Blood Pressure Elevation Is Associated With Hemorrhagic Transformation.](#)
BACKGROUND AND PURPOSE: Reliable predictors of hemorrhagic transformation... 21st November, 2009

- From the Division of Neurology, University of Alberta, Edmonton, Alberta, - Stroke. 2009 Nov 19. ([DOI Direct Link](#))
- [Ten-Year Detection Rate of Brain Arteriovenous Malformations in a Large, Multiethnic, Defined Population.](#)
BACKGROUND AND PURPOSE: To evaluate whether increased neuroimaging use is... 21st November, 2009
 From the Center for Cerebrovascular Research, Department of Anesthesia and- Stroke. 2009 Nov 19. ([DOI Direct Link](#))
 - [Endovascular Treatment of Very Small \(3 mm or Smaller\) Intracranial Aneurysms. Report of a Consecutive Series and a Meta-Analysis.](#)
BACKGROUND AND PURPOSE: We performed a meta-analysis of published studies... 21st November, 2009
 From the Mayo Medical School and the Departments of Neurosurgery, - Stroke. 2009 Nov 19. ([DOI Direct Link](#))
 - [Blood Pressure and White-Matter Disease Progression in a Biethnic Cohort. Atherosclerosis Risk in Communities \(ARIC\) Study.](#)
BACKGROUND AND PURPOSE: Blood pressure (BP) is a predictor of concurrent... 21st November, 2009
 From the Department of Neurology, Johns Hopkins University School of- Stroke. 2009 Nov 19. ([DOI Direct Link](#))
 - [Best Cases from the AFIP: Renal Cell Carcinoma Manifesting as a Solitary Bone Metastasis.](#)
BACKGROUND AND PURPOSE: Blood pressure (BP) is a predictor of concurrent... 21st November, 2009
 Department of Radiology, University of Pittsburgh Medical Center, 200- Radiographics. 2009 November-December;29(7):2184-2189. ([DOI Direct Link](#))
 - [Best Cases from the AFIP: Testicular Seminoma with Lymph Node Metastases.](#)
BACKGROUND AND PURPOSE: Blood pressure (BP) is a predictor of concurrent... 21st November, 2009
 Departments of Radiology and Pathology, Dartmouth-Hitchcock Medical- Radiographics. 2009 November-December;29(7):2177-2183. ([DOI Direct Link](#))
 - [Continuing Medical Education@:DELIM@:From the Archives of the AFIP: Musculoskeletal Fibromatoses: Radiologic-Pathologic Correlation.](#)
Musculoskeletal fibromatoses represent a wide spectrum of fibroblastic and... 21st November, 2009
 Department of Radiologic Pathology and Department of Soft Tissue and- Radiographics. 2009 November-December;29(7):2143-2183. ([DOI Direct Link](#))
 - [Thermal Ablation of Osteoid Osteoma: Overview and Step-by-Step Guide.](#)
Osteoid osteoma is a small, benign but painful lesion with specific... 21st November, 2009
 Departments of Imaging and Orthopedic Surgery, Cedars-Sinai Medical- Radiographics. 2009 November-December;29(7):2127-2141. ([DOI Direct Link](#))
 - [MR Imaging of Complications of Anterior Cruciate Ligament Graft Reconstruction.](#)
During the past 3 decades, graft reconstruction of the anterior cruciate... 21st November, 2009
 Departments of Radiology and Orthopedic Surgery, NYU Hospital for Joint- Radiographics. 2009 November-December;29(7):2115-2126. ([DOI Direct Link](#))
 - [Understanding the Spectral Doppler Waveform of the Hepatic Veins in Health and Disease.](#)
Duplex Doppler sonography is a fundamental component of the complete... 21st November, 2009
 Department of Radiology, Division of Ultrasonography, Montefiore Medical- Radiographics. 2009 November-December;29(7):2081-2098. ([DOI Direct Link](#))
 - [Biliary Infections: Spectrum of Imaging Findings and Management.](#)
Infectious cholangitides encompass a wide spectrum of infectious processes... 21st November, 2009
 Departments of Radiology and Gastroenterology, Harvard Medical School and- Radiographics. 2009 November-December;29(7):2059-2080. ([DOI Direct Link](#))

BioNews Results for Radiology

- [Breast imaging course for radiologists, surgeons and mammography technologists](#)
News-Medical.Net: Nov 21 2009 6:32AM Matching: radiology
- [INFINITT North America Image-Enables the EMR With INFINITT Accent](#)
Medicexchange.com: Nov 21 2009 3:36AM Matching: radiology
- [Catheter-directed therapy safe and effective for massive pulmonary embolism](#)
Reuters Health: Nov 21 2009 1:17AM Matching: radiology
- [Breast Cancer Research Neglects Environmental Links](#)
New America Media: Nov 21 2009 12:10AM Matching: radiology
- [Medical News: Light And Color: Healthcare Lighting Presented By Siemens](#)
BioFind: Nov 20 2009 3:20PM Matching: radiology
- [Medical News: Light And Color: Healthcare Lighting Presented By Siemens](#)
BioFind: Nov 20 2009 3:19PM Matching: radiology
- [Block Imaging Announces Acquisition](#)
Medicexchange.com: Nov 20 2009 10:29AM Matching: radiology
- [MU Discovers New Cancer Treatment](#)
KOMU: Nov 20 2009 12:35AM Matching: radiology
- [Chest Ultrasound as Useful as Chest CT for Evaluating Complicated Pneumonia in Children](#)
Doctors Guide: Nov 20 2009 9:53PM Matching: radiology
- [Radiology procedure may help increase long-term survival in patients with severe liver cancer](#)
Science Daily: Nov 20 2009 9:31PM Matching: radiology
- [Radiology Procedure May Help Increase Long-Term Survival In Patients With Severe Liver Cancer](#)
Red Orbit: Nov 20 2009 8:37PM Matching: radiology
- [FDA Panel Finds Tiotropium Safe for COPD Patients](#)
MedPage Today: Nov 20 2009 8:31PM Matching: radiology
- [Radiology procedure may help increase long-term survival in patients with severe liver cancer](#)
Bioscience Technology Online: Nov 20 2009 7:31PM Matching: radiology
- [NEAL STATEMENT ON BREAST CANCER SCREENING Urges women to continue routine screening](#)
US House of Representatives: Nov 20 2009 6:47PM Matching: radiology
- [Updated evidence-based imaging guidelines released](#)
SmartBrief: Nov 20 2009 6:25PM Matching: radiology

Radiology Patents:



- 7611479- [System and method for facilitating hemostasis of blood vessel punctures with absorbable sponge](#)
- 7615075- [Plastic implant impregnated with a degradation protector](#)
- 7615208- [Metal ion-labeled bis-aminoethanethiol-targeting ligand conjugates, compositions, and methods for tissue-specific disease imaging](#)
- 7615414- [Dental intraoral radiological image sensor with a fiber-optic plate](#)
- 7615548- [Method to inhibit ischemia and reperfusion injury](#)
- 7615731- [High fill-factor sensor with reduced coupling](#)
- 7615753- [Radiation detecting system with double resetting pulse count](#)

- [7615755- Photon counting detector with comparator and switchover rate analyzer](#)
- [7615837- Lithography device for semiconductor circuit pattern generation](#)
- [7616213- System and method for real-time co-rendering of multiple attributes](#)
- [7616732- Device for cushioning of compression surfaces](#)
- [7615071- Endovascular graft](#)
- [7615032- Vascular guidewire control apparatus](#)
- [7615030- Apparatus and method for administering a therapeutic agent into tissue](#)
- [7611542- Tissue treatment](#)
- [7611857- IL-receptor like molecules and uses thereof](#)
- [7612033- Methods for delivering compounds into a cell](#)
- [7612185- Nucleic acid biosensors](#)
- [7612342- Very bright scintillators](#)
- [7613478- Method and system for portability of clinical images using a high-quality display and portable device](#)
- [7613496- Magnetic resonance imaging apparatus and magnetic resonance imaging method](#)
- [7613610- Transcription data extraction](#)
- [7615008- Processing and displaying breast ultrasound information](#)
- [7615013- Methods and devices for cutting and collecting soft tissue](#)
- [7616793- Medical image review workstation with integrated content-based resource retrieval](#)
- [7616818- Method of determining the orientation of an image](#)
- [7619220- Method of measuring aberrations and correcting aberrations using Ronchigram and electron microscope](#)
- [7619411- Generalized method for MRI chemical species separation using arbitrary k-space trajectories](#)
- [7619762- Customizable multi-function printing device](#)
- [7620142- Method and apparatus for reducing x-ray dosage in CT imaging prescription](#)
- [7620146- Systems and methods for processing x-ray images](#)
- [7620152- Radiation imaging apparatus, method of controlling the radiation imaging apparatus and computer-readable storage medium](#)
- [7620221- System and method for enhancing an object of interest in noisy medical images](#)
- [7620441- Method and device for improved ECG triggering](#)
- [7620442- Colonography on an unprepared colon](#)
- [7620444- Systems and methods for improving usability of images for medical applications](#)
- [7618567- Absorbable sponge with contrasting agent](#)
- [7618491- Scintillator single crystal and production method of same](#)
- [7618462- System and method for joint resurface repair](#)
- [7616979- Uterine tissue monitoring device and method](#)
- [7616985- Method and apparatus for 3-D imaging of internal light sources](#)
- [7617005- Methods and apparatus for thermally-induced renal neuromodulation](#)
- [7618370- Venous-arterial detector and pressure indicator](#)
- [7618411- Variable characteristic venous access catheter shaft](#)
- [7618423- System and method for performing spinal fusion](#)
- [7618433- Intravascular filter and method](#)
- [7618434- Devices and methods for disruption and removal of luminal occlusions](#)
- [7618446- Valve prosthesis for implantation in the body and a catheter for implanting such valve prosthesis](#)
- [7618451- Patient selectable joint arthroplasty devices and surgical tools facilitating increased accuracy, speed and simplicity in performing total and partial joint arthroplasty](#)
- [7620451- Methods and apparatus for pulsed electric field neuromodulation via an intra-to-extravascular approach](#)

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Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

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