

Teleradiology

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Teleradiology is the electronic transmission of radiological patient images, such as x-rays, CTs, and MRIs, from one location to another for the purposes of interpretation and/or consultation. Typically this is done over standard telephone lines, wide area network, or over a local area network. Through teleradiology, images can be sent to another part of the hospital, or to other locations around the world.

Recent Publications on Teleradiology:



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- BMJ. 2008 Aug 11;337:a785. doi: 10.1136/bmj.a785.
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Imaging Support and Technology Management, Genesis Technology Partners,- Biomed Instrum Technol. 2004-2005;Suppl:39-43.
- [Off-site teleradiology: the pros.](#)
*ABSTRACT: The molecular age histopathologist of today is practicing...*13th August, 2008
Department of Radiology, University of California, San Diego, 402- Radiology. 2008 Aug;248(2):337-41. ([DOI Direct Link](#))
- [Radiologists: physicians or expert image interpreters?](#)
*ABSTRACT: The molecular age histopathologist of today is practicing...*13th August, 2008
Department of Radiology, Wake Forest University School of Medicine,- Radiology. 2008 Aug;248(2):333-6. ([DOI Direct Link](#))
- [Leading radiology services in the age of teleradiology, wkinomics, and online medical information.](#)
*This article provides trends and discussions on the future of radiology...*31st July, 2008
Sappington- Radiol Manage. 2008 May-Jun;30(3):34-9; quiz 41-3.
- [Radiology: commodity or specialty.](#)
*This article provides trends and discussions on the future of radiology...*18th June, 2008
Department of Radiology, University of Colorado at Denver and Health- Radiology. 2008 Jun;247(3):613-6. ([DOI Direct Link](#))
- [Teleradiology coming of age: winners and losers.](#)
*Cross-use of technology between nuclear medicine and radiology...*5th June, 2008
Department of Radiology, Massachusetts General Hospital, White Bldg. 270C,- AJR Am J Roentgenol. 2008 May;190(5):1161-2. ([DOI Direct Link](#))

- [Pathology RE-imagined: the history of digital radiology and the future of anatomic pathology.](#)
*Cross-use of technology between nuclear medicine and radiology...*30th May, 2008
Molecular Imaging & Diagnostics Advanced Technology Program, GE Global- Arch Pathol Lab Med. 2008 May;132(5):764-5.
- [NightHawk teleradiology services: a template for pathology?](#)
*Cross-use of technology between nuclear medicine and radiology...*30th May, 2008
NightHawk Radiology Services, 250 Northwest Blvd #202, Coeur d'Alene, ID- Arch Pathol Lab Med. 2008 May;132(5):745-7.
- [Public teleradiology companies: time to fret.](#)
*Cross-use of technology between nuclear medicine and radiology...*29th May, 2008
- J Am Coll Radiol. 2008 May;5(5):683-4. ([DOI Direct Link](#))
- [Teleradiology with satellite units - six years experience at the norwegian radium hospital.](#)
*Norway has played a leading role in Europe in applying telemedicine in...*22nd May, 2008
The Norwegian Radium Hospital, University of Oslo, Oslo, Norway.- Stud Health Technol Inform. 2008;134:209-16.
- [Current status of national eHealth and telemedicine development in Finland.](#)
*This eHealth paper shows the results of a survey produced by...*22nd May, 2008
FinnTelemedicum, University of Oulu and Raahe Hospital, Finland.- Stud Health Technol Inform. 2008;134:199-208.
- [Iodinated contrast media and their adverse reactions.](#)
*Cross-use of technology between nuclear medicine and radiology...*17th May, 2008
Teleradiology Solutions, Bangalore, India.- J Nucl Med Technol. 2008 Jun;36(2):69-74; quiz 76-7. Epub 2008 May 15. ([DOI Direct Link](#))
- [Observational approach to subjects with mild-to-moderate head injury and initial non-neurosurgical lesions.](#)
*BACKGROUND: The model of care for patients with mild-to-moderate head...*22nd March, 2008
Dipartimento dell'Emergenza, Presidio Ospedaliero Morgagni-Pierantoni,- J Neurol Neurosurg Psychiatry. 2008 Mar 20. ([DOI Direct Link](#))

BioNews Results for Teleradiology

- [Teleradiology offers opportunities, challenges](#)
Aunt Minnie: Aug 25 2008 7:36AM Matching: teleradiology
- [Virtual Radiologic Awards \\$3.2 Million Contract to tw telecom for Advanced Communications Solutions](#)
KLFY: Aug 21 2008 5:08PM Matching: teleradiology

Teleradiology Patents:



- 6876759- [Image transmitting system, image transmitting method and storage medium](#)
- 6990434- [System and method for coordinated remote activation of multiple software-based options](#)
- 7024046- [System and method for the lossless progressive streaming of images over a communication network](#)

- 7027853- [Data acquisition method and apparatus for MR imaging](#)
- 7028182- [Secure network system and method for transfer of medical information](#)
- 7039723- [On-line image processing and communication system](#)
- 7050534- [Methods and devices for quantitative analysis of x-ray images](#)
- 7058159- [Methods and devices for quantitative analysis of x-ray images](#)
- 7093032- [System and method for multi-vendor authentication to remotely activate a software-based option](#)
- 7106479- [Systems and methods for enhancing the viewing of medical images](#)
- 7109712- [Method and apparatus for minimizing gradient coil and rf coil coupling](#)
- 6988074- [Imaging system protocol handling method and apparatus](#)
- 6983375- [Method and system to grant indefinite use of software options resident on a device](#)
- 6966000- [Method and system to remotely grant limited access to software options resident on a device](#)
- 6885194- [Method and apparatus for minimizing gradient coil and rf coil coupling](#)
- 6891370- [Method and system for three dimensional phase unwrapping](#)
- 6900638- [Switching device to linearly conduct a current between a gradient amplifier and a gradient coil assembly of an MRI system](#)
- 6904123- [Methods and devices for quantitative analysis of x-ray images](#)
- 6925319- [Integrated multi-modality imaging system](#)
- 6934356- [System and method for dynamic generation of a single user interface for displaying and entry of medical imaging configuration data](#)
- 6934698- [Medical image management system](#)
- 6938211- [Methods and apparatus for an image transfer object](#)
- 6948069- [Method and system for determining and maintaining trust in digital image files with certifiable time](#)
- 6965700- [Embedded and efficient low-complexity hierarchical image coder and corresponding methods therefor](#)
- 7113894- [System and method for coordinated remote activation of multiple software-based options](#)
- 7120235- [Method and apparatus to provide pay-per-call performance based advertising](#)
- 7308422- [System for recording and distributing recorded information over the internet](#)
- 7319540- [Systems and methods for remote viewing of patient images](#)
- 7359498- [Systems and methods for arranging a call](#)
- 7366683- [Methods and apparatuses for offline selection of pay-per-call advertisers](#)
- 7376279- [Three-dimensional image streaming system and method for medical images](#)
- 7379529- [Methods and devices for quantitative analysis of x-ray images](#)
- 7383358- [System and method for remote servicing of in-field product](#)
- 7388972- [Orthopaedic surgery planning](#)
- 7391894- [System and method for remote navigation of a specimen](#)
- 7411491- [Method of controlling wireless data transmission by switching between short-range and long-range radio technologies](#)
- 7292674- [Methods and devices for quantitative analysis of x-ray images](#)
- 7292251- [Virtual telemicroscope](#)
- 7290011- [Image publishing system using progressive image streaming](#)
- 7149776- [System and method for real-time co-browsing](#)
- 7180624- [Systems and methods for remote viewing of patient images](#)
- 7209592- [Image storage and display system](#)
- 7212661- [Image data navigation method and apparatus](#)
- 7219222- [Method and system to grant access to software options resident on a medical imaging device](#)
- 7224839- [Compression packaged image transmission for telemicroscopy](#)
- 7245697- [Methods and devices for quantitative analysis of x-ray images](#)
- 7249045- [Method and system to connect consumers to information](#)
- 7254623- [Method and apparatus for reducing x-ray dosage in CT imaging prescription](#)
- 7289623- [System and method for an online speaker patch-through](#)
- 7415548- [Communication network having a plurality of bridging nodes which transmits a polling](#)

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