

Radiographic Magnification

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- [Rates of medial tibiofemoral joint space narrowing in osteoarthritis studies consistent despite methodological differences.](#)
*RATIONALE: Minimum tibiofemoral joint space width in the medial...*25th July, 2008
Department of Applied Clinical Anatomy, King's College London, London, UK.- Osteoarthritis Cartilage. 2008 Mar;16(3):330-6. ([DOI Direct Link](#))
- [Comparison of fusion assessment techniques: computer-assisted versus manual measurements.](#)
*OBJECT: Fusion assessment after cervical arthrodesis can be subjective....*27th June, 2008
Department of Neurosurgery, University of Illinois College of Medicine at- J Neurosurg Spine. 2008 Jun;8(6):544-7. ([DOI Direct Link](#))
- [Monte Carlo studies on the influence of focal spot size and intensity distribution on spatial resolution in magnification mammography.](#)
*Magnification is a special technique applied in mammography in cases where...*27th June, 2008
University of Patras, School of Medicine, Department of Medical Physics,- Phys Med Biol. 2008 Mar 7;53(5):1369-84. Epub 2008 Feb 14. ([DOI Direct Link](#))
- [Advances in biological structure, function, and physiology using synchrotron X-ray imaging*.](#)
*Studies of the physiology and biomechanics of small (approximately 1 cm)...*17th May, 2008
Department of Zoology, Field Museum of Natural History, Chicago, IL 60605,- Annu Rev Physiol. 2008;70:119-42. ([DOI Direct Link](#))
- [Results of a survey on digital screening mammography: prevalence, efficiency, and use of ancillary diagnostic AIDS.](#)
*OBJECTIVE: As the use of full-field digital screening mammography grows...*1st May, 2008
The University of Texas M. D. Anderson Cancer Center, Houston, Texas- J Am Coll Radiol. 2008 Apr;5(4):585-92. ([DOI Direct Link](#))
- [Efficacy of panoramic radiographs in the preoperative planning of posterior mandibular implants: a prospective clinical study of 1527 consecutively treated patients.](#)
*OBJECTIVES: Various imaging techniques, including conventional radiography...*11th April, 2008
Department of Oral Surgery, Oral Medicine, Oral and Maxillofacial- Clin Oral Implants Res. 2008 Jan;19(1):81-5. Epub 2007 Oct 22. ([DOI Direct Link](#))
- [High resolution magnifying endoscopy: a new diagnostic tool also for laryngeal examination?](#)
*Aim of this report is to introduce the use of a new high resolution...*7th March, 2008
Institute of Otolaryngology and Gastroenterology, Catholic University of- Acta Otorhinolaryngol Ital. 2007 Oct;27(5):233-6.
- [Image quality produced by different cone-beam computed tomography settings.](#)

- INTRODUCTION: The aim of this study was to evaluate image quality at...20th February, 2008*
- Am J Orthod Dentofacial Orthop. 2008 Feb;133(2):317-27. ([DOI Direct Link](#))
- [Approximal caries diagnosis after data import from different digital radiography systems: interobserver agreement and comparison to histological hard-tissue sections.](#)
AIMS: To evaluate the agreement of approximal caries diagnosis obtained...8th February, 2008
Department of Conservative Dentistry, Rupprechts-Karls Universitat,- Caries Res. 2008;42(1):57-61.
Epub 2007 Dec 10. ([DOI Direct Link](#))
 - [Comparison of measurements from photographed lateral cephalograms and scanned cephalograms.](#)
INTRODUCTION: In this study, we investigated whether a digital photograph...9th January, 2008
Chesterfield Royal Hospital, Chesterfield, United Kingdom.- Am J Orthod Dentofacial Orthop. 2007 Dec;132(6):830-3. ([DOI Direct Link](#))
 - [Does image quality matter? Impact of resolution and noise on mammographic task performance.](#)
The purpose of this study was to examine the effects of different...7th December, 2007
Duke Advanced Imaging Laboratories, Department of Radiology, Duke- Med Phys. 2007 Oct;34(10):3971-81.
 - [\[Endoscopic diagnosis of tissue atypism \(EA\) in the pharyngeal and esophageal squamous epithelium: IPCL pattern classification and ECA classification\]](#)
Standard magnifying endoscopy has around 100 fold magnifying power....12th October, 2007
Digestive Disease Center, Showa University Northern Yokohama Hospital,- Kyobu Geka. 2007 Jul;60(8 Suppl):768-75.
 - [Comparison of conventional and cone beam CT synthesized cephalograms.](#)
OBJECTIVES: To compare cephalometric measurements from synthesized cone...18th September, 2007
Oral and Maxillofacial Radiology Program, The University of North Carolina- Dentomaxillofac Radiol. 2007 Jul;36(5):263-9. ([DOI Direct Link](#))
 - [Detection of proximal caries with high-resolution and standard resolution digital radiographic systems.](#)
AIMS: The aim of this study was to: (1) compare the diagnostic accuracy of...31st July, 2007
Department of Oral and Maxillofacial Radiology, Academic Center for- Dentomaxillofac Radiol. 2007 May;36(4):204-10. ([DOI Direct Link](#))
 - [Effect of cephalometer misalignment on calculations of facial asymmetry.](#)
INTRODUCTION: In this study, we evaluated errors introduced into the...25th July, 2007
Department of Orthodontics, School of Dentistry, Chonnam National- Am J Orthod Dentofacial Orthop. 2007 Jul;132(1):15-27. ([DOI Direct Link](#))

Radiographic Magnification Patents:



- 7358502- [Devices, systems, and methods for imaging](#)
- 4071768- [X-ray apparatus with rotationally symmetric Gaussian-like focal spot](#)
- 4287420- [Stereoscopic X-ray device](#)
- 4404591- [Slit radiography](#)
- 4481656- [Medical apparatus](#)
- 5609827- [Biopsy specimen container](#)
- 5788705- [Method and apparatus for intraoperative reapproximation of a hip joint](#)
- 6735468- [Arthroscopic impedance probe to detect cartilage degeneration](#)

- 6856834- [Arthroscopic impedance probe to detect cartilage degeneration](#)
- 6882880- [Arthroscopic impedance probe to detect cartilage degeneration](#)
- 7239733- [Image display apparatus, image display method, and program](#)
- 4068127- [X-ray generating apparatus comprising means for rotating the filament](#)

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