

X-Ray Therapy

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Recent Publications on X-Ray Therapy:

- [A review of dosimetry studies on external-beam radiation treatment with respect to second cancer induction.](#)
*It has been long known that patients treated with ionizing radiation carry...*6th November, 2008
Nuclear Engineering and Engineering Physics, Rensselaer Polytechnic- Phys Med Biol. 2008 Jul 7;53(13):R193-241. Epub 2008 Jun 9. ([DOI Direct Link](#))
- [Minimal stage IA mycosis fungoides. Results of radiotherapy in 15 patients.](#)
*Background: Mycosis fungoides (MF) minimal disease stage IA, characterized...*4th November, 2008
Photoradiotherapy Unit, Institute of Dermatological Sciences of the- J Dermatolog Treat. 2008 Oct 30:1-4. ([DOI Direct Link](#))
- [Intensity-modulated x-ray \(IMXT\) versus proton \(IMPT\) therapy for theragnostic hypoxia-based dose painting.](#)
*In this work the abilities of intensity-modulated x-ray therapy (IMXT) and...*17th October, 2008
Department of Medical Physics, University of Wisconsin School of Medicine- Phys Med Biol. 2008 Aug 7;53(15):4153-67. Epub 2008 Jul 17. ([DOI Direct Link](#))
- [\[Fifty-year-old history of cobalt radiotherapy in Hungary\]](#)
*The first patient in Hungary was treated by cobalt therapy fifty years ago...*11th October, 2008
Orszagos Onkologiai Intezet 1122 Budapest Rath Gy. u. 7-9.- Magy Onkol. 2008 Sep;52(3):299-304. ([DOI Direct Link](#))
- [Proliferative activity in oral carcinomas studied with Ag-NOR and electron microscopy.](#)
*This study was conducted on 61 patients (27 males and 34 females). The age...*10th October, 2008
Council of Maxillofacial Surgery, Iraqi Board for Medical Specialization,- Ultrastruct Pathol. 2008 Jul-Aug;32(4):139-46. ([DOI Direct Link](#))
- [Velocity of radial expansion of contrast-enhancing gliomas and the effectiveness of radiotherapy in individual patients: a proof of principle.](#)
*AIMS: The initial aims were to use recently available observations of...*10th September, 2008
Laboratory of Neuropathology, University of Washington, Harborview Medical- Clin Oncol (R Coll Radiol). 2008 May;20(4):301-8. Epub 2008 Mar 4. ([DOI Direct Link](#))
- [Effective enhancement of X-ray-induced apoptosis in human cancer cells with mutated p53 by siRNA targeting XIAP.](#)
*The X-chromosome-linked inhibitor of the apoptosis protein (XIAP) is known...*22nd August, 2008
Department of Biology, Nara Medical University School of Medicine, Nara- Oncol Rep. 2008 Jul;20(1):57-61.
- [Why more needs to be known about RBE effects in modern radiotherapy.](#)

*Radiation therapy remains a very effective tool in the clinical management...*15th August, 2008
Department of Radiation Physics and Radiobiology, Imperial College- Appl Radiat Isot. 2008 Jun 22. ([DOI Direct Link](#))

- [Efficacy and patient perception of Grenz ray therapy in the treatment of dermatoses refractory to other medical therapy.](#)
*BACKGROUND: Grenz ray therapy (GRT) has been used to treat dermatoses...*8th August, 2008
Department of Dermatology, Massachusetts General Hospital, Harvard School- Dermatitis. 2008 Mar-Apr;19(2):90-4.
- [Grenz ray therapy in the new millennium: still a valid treatment option?](#)
*Grenz ray therapy has declined in the United States during the past...*8th August, 2008
The Johns Hopkins University School of Medicine, USA.- Dermatitis. 2008 Mar-Apr;19(2):73-80.
- [A new limb salvage surgery in cases of high-grade soft tissue sarcoma using photodynamic surgery, followed by photo- and radiodynamic therapy with acridine orange.](#)
*BACKGROUND: To maintain excellent limb function after tumor resection in...*9th July, 2008
Department of Orthopaedic Surgery, Mie University Postgraduate School of- J Surg Oncol. 2008 May 1;97(6):523-8. ([DOI Direct Link](#))
- [Dose reduction from loss of backscatter in superficial x-ray radiation therapy with the Pantak SXT 150 unit.](#)
*Loss of backscatter has been measured for a Pantak Therapax SXT 150...*28th June, 2008
Southern Zone Radiation Oncology Service, Mater Centre, Princess Alexandra- Australas Phys Eng Sci Med. 2008 Mar;31(1):49-55.
- [The potential clinical advantages of charged particle radiotherapy using protons or light ions.](#)
*The increasing use of charged particle radiotherapy (CPT) in many...*9th May, 2008
Birmingham Cancer Centre, University Hospital Birmingham NHS Trust,- Clin Oncol (R Coll Radiol). 2008 Sep;20(7):555-63. Epub 2008 May 6. ([DOI Direct Link](#))
- [Contact X-ray therapy for rectal cancer: experience in Centre Antoine-Lacassagne, Nice, 2002-2006.](#)
*PURPOSE: To report the results of using contact X-ray (CXR), which has...*6th May, 2008
Department of Radiotherapy, Centre Antoine-Lacassagne, Nice, France;- Int J Radiat Oncol Biol Phys. 2008 Nov 1;72(3):665-70. Epub 2008 May 1. ([DOI Direct Link](#))
- [Leakage and scatter radiation from a double scattering based proton beamline.](#)
*Proton beams offer several advantages over conventional radiation...*22nd March, 2008
Proton Therapy, Inc., Colton, California 92324, USA.- Med Phys. 2008 Jan;35(1):128-44.

X-Ray Therapy Clinical Trials:



- [3-Dimensional Conformal Radiation Therapy Versus Intensity Modulated Radiation Therapy Lung Cancer](#)



X-Ray Therapy Patents:

- 6554757- [Multi-source x-ray catheter](#)
- 6841538- [Combination therapy using nucleic acids and radio therapy](#)
- 6847700- [Method and apparatus for delivery of x-ray irradiation](#)
- 6891177- [Ion beam scanner system and operating method](#)
- 6910999- [Miniature x-ray unit](#)
- 6914959- [Combined radiation therapy and imaging system and method](#)
- 6931099- [High-energy X-ray imaging device and method therefor](#)
- 6985557- [X-ray apparatus with field emission current stabilization and method of providing x-ray radiation therapy](#)
- 7027558- [X-ray therapy electronic portal imaging system and method for artifact reduction](#)
- 7070759- [High dose radionuclide complexes for bone marrow suppression](#)
- 7076023- [X-ray therapy electronic portal imaging system and method for artifact reduction](#)
- 6841537- [Combination therapy using nucleic acids and conventional drugs](#)
- 6811995- [Non-invasive enzyme screen for cancer](#)
- 6767531- [High dose radionuclide complexes for bone marrow suppression](#)
- 6554786- [Lymphoedema bandage](#)
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- 6594337- [X-ray diagnostic system](#)
- 6630123- [Method to enhance tissue accumulation of radiolabeled compounds](#)
- 6660248- [Fullerene \(C60\)-based X-ray contrast agent for diagnostic imaging](#)
- 6703202- [Evaluating and predicting clinical outcomes by gene expression analysis](#)
- 6706014- [Miniature x-ray unit](#)
- 6730921- [Ion beam system for irradiating tumor tissues](#)
- 6752752- [Multi-source x-ray catheter](#)
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- 7097823- [High dose radionuclide complexes for bone marrow suppression](#)
- 7351193- [Treatment of age-related macular degeneration](#)
- 7351252- [Method and apparatus for photothermal treatment of tissue at depth](#)
- 7372940- [Radiation therapy system with risk mitigation](#)
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- 7439224- [Indications of mannan-binding lectin \(MBL\) in the treatment of immuno-compromised individuals](#)
- 7340033- [X-ray unit having an automatically adjustable collimator](#)
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- 7268358- [Method of modulating laser-accelerated protons for radiation therapy](#)
- 7115563- [Composition and its therapeutic use](#)

- 7115720- [Therapeutic and diagnostic compounds, compositions, and methods](#)
- 7135497- [Treating neural conditions resulting from spinal cord contusions and other causes](#)
- 7202207- [Indications of mannan-binding lectin \(MBL\) in the treatment of immunocompromised individuals](#)
- 7211250- [Method and composition for inhibiting cancer cell growth](#)
- 7221733- [Method and apparatus for irradiating a target](#)
- 7225012- [Methods and systems for image-guided surgical interventions](#)
- 7227925- [Gantry mounted stereoscopic imaging system](#)
- 7263170- [Radiation therapy system featuring rotatable filter assembly](#)
- 7264800- [Method and composition for inhibiting cancer cell growth](#)
- 7440545- [Positioning system and method for radiation therapy](#)

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