

## Radiation Dosage

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### Recent Publications on Radiation Dosage:

- [\[The model of geometrical human body phantom for calculating tissue doses in the service module of the International Space Station\]](#)  
*The model of a geometrical human body phantom developed for calculating...*30th August, 2008  
- *Aviakosm Ekolog Med.* 2007 Jan-Feb;41(1):34-9.
- [Pediatric body MDCT: a 5-year follow-up survey of scanning parameters used by pediatric radiologists.](#)  
*OBJECTIVE: The purpose of this study was to evaluate how pediatric body...*30th August, 2008  
Department of Radiology, Division of Pediatric Radiology, Duke University- *AJR Am J Roentgenol.* 2008 Aug;191(2):611-7. ([DOI Direct Link](#))
- [Regional difference in compression artifacts in low-dose chest CT images: effects of mathematical and perceptual factors.](#)  
*OBJECTIVE: The objective of our study was to investigate the difference of...*30th August, 2008  
Department of Radiology, Seoul National University Bundang Hospital, Seoul- *AJR Am J Roentgenol.* 2008 Aug;191(2):W30-7. ([DOI Direct Link](#))
- [Photon density measured over a cut surface: implications for optical mapping of the heart.](#)  
*During optical mapping of the heart, the signal represents a weighted...*30th August, 2008  
Department of Physics, Oakland University, Rochester, MI 48309, USA.- *IEEE Trans Biomed Eng.* 2008 Aug;55(8):2102-4. ([DOI Direct Link](#))
- [\[Research on the dose assessment of those living near a nuclear waste processing plant\]](#)  
*During optical mapping of the heart, the signal represents a weighted...*23rd August, 2008  
- *Rev Med Suisse.* 2008 Jun 11;4(161):1466.
- [Impact of the revision of 10CFR835 with regard to neutron field surveys.](#)  
*The compliance requirements for Department of Energy facilities are...*21st August, 2008  
Y-12 National Security Complex, PO Box 2009, MS 8105, Oak Ridge, TN- *Health Phys.* 2008 Aug;95 Suppl 2:S143-7. ([DOI Direct Link](#))
- [Web-based training course for evaluating radiological dose assessment in NRC's license termination process.](#)  
*As part of the requirement for terminating the licenses of nuclear power...*21st August, 2008  
Environmental Science Division, ANL, 9700 S. Cass Avenue, Bldg 900,- *Health Phys.* 2008 Aug;95 Suppl 2:S137-42. ([DOI Direct Link](#))
- [Inspection of lead aprons: a practical rejection model.](#)  
*As a sequel to the article by Ken Lambert and Tara McKeon, we propose a...*21st August, 2008  
Medical Center Haaglanden, Departments of Nuclear Medicine and Radiation- *Health Phys.* 2008 Aug;95 Suppl 2:S133-6. ([DOI Direct Link](#))

- [Proposed standards for acute exposure to low enrichment uranium for compliance with 10 CFR 70.61.](#)  
*Title 10, Code of Federal Regulations Part 70, puts forth requirements for...*21st August, 2008  
Washington State University at Tri-Cities, Richland, WA 99354, USA.- Health Phys. 2008 Aug;95 Suppl 2:S122-7. ([DOI Direct Link](#))
- [Characterization of 14C in Swedish light water reactors.](#)  
*This paper presents the results of a 4-y investigation of 14C in different...*21st August, 2008  
Department of Physics, Division of Nuclear Physics, Lund University, P.O.- Health Phys. 2008 Aug;95 Suppl 2:S110-21. ([DOI Direct Link](#))
- [Effect of increased pigmentation on the antifibrotic response of human skin to UV-A1 phototherapy.](#)  
*OBJECTIVE: To investigate the efficacy, potential limitations, and...*15th August, 2008  
Department of Dermatology, University of Michigan Medical School, 1618 A.- Arch Dermatol. 2008 Jul;144(7):851-8. ([DOI Direct Link](#))
- [New challenges in MDCT.](#)  
*The performance of computed tomography has approximately doubled every two...*15th August, 2008  
University Medical Center Utrecht, Department of Radiology, Heidelberglaan- Eur Radiol. 2005 Dec;15 Suppl 5:E35-45.
- [\[Effect of heijiang pill on radiation skin ulcer in rats\]](#)  
*OBJECTIVE: To investigate the relationship between single dosage of 60Co...*5th August, 2008  
Oncology Medical Department, Beijing Hospital of Traditional Chinese- Zhongguo Zhong Xi Yi Jie He Za Zhi. 2008 May;28(5):440-3.
- [\[Pathomorphosis of rectal cancer after irradiation on the background of intra-arterial regional chemotherapy\]](#)  
*In cancer recti patients, to whom intraarterial chemotherapy, using...*2nd August, 2008  
- Klin Khir. 2008 Jan;(1):8-14.
- [Late complications of radiotherapy for nasopharyngeal carcinoma.](#)  
*OBJECTIVE: To evaluate and assemble late complications of radiotherapy in...*19th July, 2008  
Department of Otolaryngology, Faculty of Medicine, Chiang Mai University,- Auris Nasus Larynx. 2008 Jul 15. ([DOI Direct Link](#))

#### Radiation Dosage Clinical Trials:



- [Radiation Therapy Outreach Program for Minority or Low-Income Patients With Newly Diagnosed Cancer](#)  
*Psychosocial Effects/Treatment; Unspecified Adult Solid Tumor, Protocol Specific*

#### Radiation Dosage Patents:



- 7335887- [System and method for target inspection using discrete photon counting and neutron](#)

## detection

- 7357573- Method and apparatus for positioning an object with respect to the isocenter of an acquisition system
- 7357895- Method for sterilizing bioactive materials
- 7358035- Topcoat compositions and methods of use thereof
- 7361378- Method for manufacturing radiation image conversion panel
- 7361402- Cross-linked primer composition and use thereof in thermoformable films
- 7365332- Density detection using real time discrete photon counting for fast moving targets
- 7368717- Density detection using real time discrete photon counting for fast moving targets
- 7368740- Configuration management and retrieval system for proton beam therapy system
- 7369643- Single boom cargo scanning system
- 7370566- Complimentary retrograde/prograde satellite constellation
- 7351985- Portable watch with radiation monitor
- 7351542- Methods of modulating tubulin deacetylase activity
- 7349520- X-ray CT scanner and image-data generating method
- 7338691- Cook-in patch bag and process for using same
- 7338708- Thick shrink film having high oxygen transmission rate
- 7342221- Radiation image pick-up device, radiation image pick-up method, and image pick-up system
- 7342242- Method and apparatus for estimating photomultiplier sensitivity change
- 7344490- System for administering a combination of therapies to a body lumen
- 7345028- Energy-protective composition comprising adenosine phosphates
- 7345081- Azabicyclo-octane inhibitors of IAP
- 7346144- In vivo planning and treatment of cancer therapy
- 7348365- Colloid solution of metal nanoparticles, metal-polymer nanocomposites and methods for preparation thereof
- 7348555- Apparatus and method for irradiating electron beam
- 7372942- Medical imaging system with dosimetry for estimating circuit board life
- 7372943- Method for recording projection image
- 7394082- Ion beam delivery equipment and an ion beam delivery method
- 7400707- Apparatus for and method of capturing radiation image
- 7402392- In vivo panning for ligands to radiation-induced molecules
- 7405412- Method for calibrating a radiation detection medium
- 7406154- High speed modulation of switched-focus x-ray tube
- 7407477- Strand with end plug
- 7408046- Treatment of bone-associated cancers
- 7408160- Density detection using real time discrete photon counting for fast moving targets
- 7410606- Methods for manufacturing three-dimensional devices and devices created thereby
- 7411204- Devices, methods, and systems involving castings
- 7394060- Tamper detection system having plurality of inflatable liner panels with optical couplers
- 7393329- Method and apparatus for delivering radiation therapy during suspended ventilation
- 7392078- Radiation imaging apparatus
- 7372945- Method and device for the recording of objects
- 7374711- Accelerator-free thin-walled rubber vulcanizates from latex
- 7374718- Radiation stable aromatic carbonate polymer compositions
- 7375357- Permanent magnet radiation dose delivery enhancement
- 7378077- High dose radionuclide complexes for bone marrow suppression
- 7378954- Safety indicator and method
- 7379531- Beam therapy treatment user interface monitoring and recording system
- 7384430- Low crystalline polymeric material for orthopaedic implants and an associated method
- 7385042- Therapeutic and diagnostic compounds, compositions, and methods
- 7388205- System and method for target inspection using discrete photon counting and neutron detection
- 7412024- X-ray mammography

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