

Radiodermatitis

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Radiodermatitis is a skin disease associated with prolonged exposure to radiation. It is most commonly found in people working in the medical field who worked extensively with imaging devices. New cases are less common now than they were at the advent of these technologies, as the long term impact of radiation is better understood.

Recent Publications on Radiodermatitis:



- [Skin-sparing intensity-modulated radiotherapy of the breast.](#)
*The most common cutaneous side effects of radiotherapy include...*15th August, 2008
- J Clin Oncol. 2008 Jul 1;26(19):3292; author reply 3292-3. ([DOI Direct Link](#))
- [Anti-apoptotic role of S100A8 in X-ray irradiated keratinocytes.](#)
*BACKGROUND: Ionizing radiation is used to treat a lot of cancers, however,...*8th August, 2008
Department of Dermatology and Research Institute of Medical Sciences,- J Dermatol Sci. 2008 Jul;51(1):11-8. Epub 2008 Mar 6. ([DOI Direct Link](#))
- [Postirradiation morphea: an underrecognized complication of treatment for breast cancer.](#)
*The most common cutaneous side effects of radiotherapy include...*29th July, 2008
Department of Pathology (Anatomical Pathology), Capital District Health- Hum Pathol. 2008 Jul 23. ([DOI Direct Link](#))
- [Severe radiation-induced injury after cardiac catheter ablation: a case requiring free anterolateral thigh flap and vastus lateralis muscle flap reconstruction on the upper arm.](#)
*Although cases of radiation-induced skin injury after...*19th July, 2008
Department of Plastic and Reconstructive Surgery, Institute of Health- J Plast Reconstr Aesthet Surg. 2008 Jun;61(6):704-8. Epub 2007 Feb 23. ([DOI Direct Link](#))
- [Methicillin-resistant Staphylococcus non-aureus infection in an irradiated rhesus macaque \(Macaca mulatta\).](#)
*We describe a case of methicillin-resistant Staphylococcus non-aureus...*11th July, 2008
Program of Comparative Medicine, Department of Pathology, University of- J Am Assoc Lab Anim Sci. 2008 May;47(3):64-7.
- [Phase 2 study of silver leaf dressing for treatment of radiation-induced dermatitis in patients receiving radiotherapy to the head and neck.](#)
*OBJECTIVE: The use of silver leaf dressing is common in the treatment of...*8th July, 2008
Department of Radiation Oncology, Centre Hospitalier de l'Universite de- J Otolaryngol Head Neck Surg. 2008 Feb;37(1):124-9.
- [Ulcerated papule on vertex of the scalp.](#)
*We describe a case of methicillin-resistant Staphylococcus non-aureus...*3rd July, 2008
University of Arizona Health Sciences Center, Tucson, AZ, USA.- Geriatrics. 2008 May;63(5):33.

- [Superoxidase dismutase \(SOD\) topical use in oncologic patients: treatment of acute cutaneous toxicity secondary to radiotherapy.](#)
*OBJECTIVE: The objective of this study is to evaluate the efficiency of...*25th June, 2008
 Departamento de Farmacologia, Facultad de Farmacia, Universidad- Clin Transl Oncol. 2008 Mar;10(3):163-7.
- [Acute radiation dermatitis and pneumonitis in Japanese breast cancer patients with whole breast hypofractionated radiotherapy compared to conventional radiotherapy.](#)
*OBJECTIVE: To evaluate acute morbidity, radiation dermatitis and...*13th June, 2008
 Department of Pathology, The Cancer Institute of Japanese Foundation for- Jpn J Clin Oncol. 2008 May;38(5):334-8. Epub 2008 Apr 16. ([DOI Direct Link](#))
- [Severe desquamation with skin necrosis: a distinct pattern of skin toxicity secondary to head and neck irradiation with concomitant cetuximab.](#)
*The most common cutaneous side effects of radiotherapy include...*11th June, 2008
 - Isr Med Assoc J. 2008 Mar;10(3):247.
- [A multicenter randomized trial of breast intensity-modulated radiation therapy to reduce acute radiation dermatitis.](#)
*PURPOSE: Dermatitis is a frequent adverse effect of adjuvant breast...*21st May, 2008
 Department of Radiation Oncology, Sunnybrook Health Sciences Centre- J Clin Oncol. 2008 May 1;26(13):2085-92. Epub 2008 Feb 19. ([DOI Direct Link](#))
- [Radiation recall dermatitis with gatifloxacin: a review of literature.](#)
*Radiation recall dermatitis (RRD) is a hypersensitivity skin reaction at...*16th May, 2008
 Department of Radiation Oncology, Tata Memorial Hospital, Mumbai, India.- J Med Imaging Radiat Oncol. 2008 Apr;52(2):191-3. ([DOI Direct Link](#))
- [\[Tolerance of the association sucralfate / Cu-Zn salts in radiation dermatitis\]](#)
*The aim of this study was to evaluate the tolerance of topical application...*3rd May, 2008
 Institut Sainte Catherine-Avignon.- Ann Dermatol Venereol. 2008 Jan;Spec No 1:11-5. ([DOI Direct Link](#))
- [\[Interest of a sterilised anti-burning gel in radiation dermatitis: results of a comparative study\]](#)
*Trial objectives were to assess effectiveness and tolerance of sterilized...*3rd May, 2008
 Institut de Recherche Pierre Fabre, Parc technologique du canal, 4 rue- Ann Dermatol Venereol. 2008 Jan;Spec No 1:5-10. ([DOI Direct Link](#))
- [\[Radiation induced skin reactions\]](#)
*Radiotherapy is one of the most important treatment modality of cancers....*3rd May, 2008
 Services de Radiotherapie, Hopital Universitaire Dupuytren, 87042 Limoges- Ann Dermatol Venereol. 2008 Jan;Spec No 1:1-4. ([DOI Direct Link](#))

Radiodermatitis Clinical Trials:



- [Mometasone Furoate in Preventing Radiation Dermatitis in Patients Undergoing Radiation Therapy to the Breast or Chest Wall for Invasive Breast Cancer or Ductal Carcinoma in Situ](#)
Breast Cancer; Dermatologic Complications; Radiation Toxicity; Skin Reactions Secondary to Radiation Therapy



Radiodermatitis Patents:

- 7410946- [Method for treating damage in intact skin comprising administering a composition comprising basic milk growth factors in amounts higher than those in milk](#)
- 5681593- [Method and composition for treating psoriasis, seborrheic dermatitis and eczema](#)
- 5654312- [Treatment of inflammatory and/or autoimmune dermatoses with thalidomide alone or in combination with other agents](#)
- 5554365- [Use of cyanoacrylate adhesive compositions to inhibit acute radiation-induced skin damage](#)
- 5538740- [Therapeutic and cosmetic compositions for treatment of skin](#)
- 5433954- [Method and composition for treating psoriasis, seborrheic dermatitis and eczema](#)
- 5411955- [Thiadiazinecarboxamide derivatives, processes for their preparation and pharmaceuticals](#)
- 5266318- [Skin therapeutic mixture containing cold-processed aloe vera extract, with yellow sap and aloin removed](#)
- 5192524- [Captopril as a cancer chemopreventive agent](#)
- 5171581- [Method and composition for treating psoriasis](#)
- 4917890- [Processes for preparation of aloe products, products produced thereby and compositions thereof](#)
- 4769382- [Preparation for preventing and treatment of skin radiation burn lesions](#)
- 4735935- [Process for preparation of aloe products products, produced thereby and compositions thereof](#)
- 5716607- [Methods to inhibit late radiation-induced skin damage](#)
- 5716608- [Methods to inhibit acute radiation-induced skin damage](#)
- 5945404- [21-Substituted steroid compound](#)
- 7371396- [Dermatological and cosmetic compositions](#)
- 7326683- [Treatment of membrane-associated diseases and disorders using lantibiotic containing compositions](#)
- 7314959- [Amino thiol compounds and compositions for use in conjunction with cancer therapy](#)
- 7262180- [Compositions and methods for the treatment of inflammatory conditions of mucosae, skin and the eye](#)
- 7232667- [Keratinocyte growth factor-2 polynucleotides](#)
- 6693077- [Keratinocyte growth factor-2](#)
- 6613800- [Method and compositions for treating psoriasis, eczema, seborrhea and arthritis](#)
- 6419963- [Composition and method for the treatment of diaper rash using natural products](#)
- 6342255- [Topical pharmaceutical compositions useful for the treatment of cutaneous of circulatory pathologies on inflammatory, immune, proliferative or degenerative basis](#)
- 6180662- [Agents acting against hyperreactive and hypoactive, deficient skin conditions and manifest dermatitides](#)
- 6073627- [Apparatus for the application of ozone/oxygen for the treatment of external pathogenic conditions](#)
- 5952373- [Agents acting against hyperreactive and hypoactive, deficient skin conditions and manifest dermatitides](#)
- 4384000- [Method for treatment of various dermatological conditions](#)

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