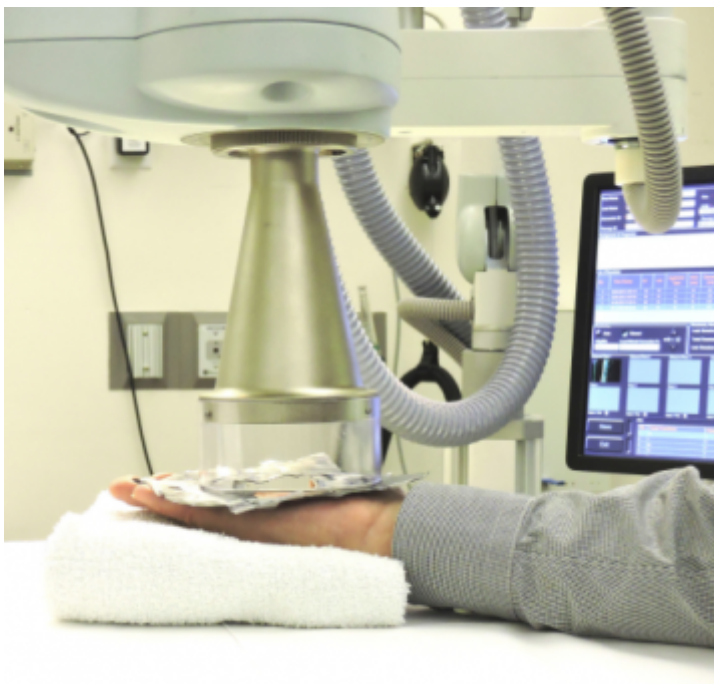


Skin Cancer



Superficial skin treatment with SRT-100

Skin cancer, the most common type of cancer, occurs when malignant cells form within tissues of the skin. There are several different types of skin cancer:

- *Basal cell carcinoma* is the most common type of skin cancer; in fact it is the most common of all types of cancer in humans. When viewed under a microscope, cancer cells of this type resemble the cells in the bottom layer of the epidermis, the basal cell layer.
- *Squamous cell carcinoma* is less common than basal cell carcinoma. Cancer cells of this type resemble abnormal versions of squamous cells, which are flat cells above the basal cell layer of the epidermis.
- *Melanoma* is far less common than basal or squamous cell cancer, but melanomas are more likely to spread if not treated. Melanomas develop from melanocytes, which are

the pigment-producing cells in skin.

- Rarer skin cancers include Merkel cell carcinoma, cutaneous (skin) lymphoma, skin adnexal tumors, Kaposi sarcoma and various other types of sarcomas.



Hyperthermia for Skin Cancer

UCSF Radiation Oncology is part of the UCSF Comprehensive Cancer Center, a member of the National Comprehensive Cancer Network; an alliance of 26 of the world's leading cancer centers. We offer a complete range of treatments for skin cancers, individually customized for each patient, including High Dose Rate (HDR) brachytherapy [1], superficial radiation therapy [2], hyperthermia [3] and external beam radiotherapy (EBRT) [4].

Helpful UCSF Internet Site:

UCSF Melanoma Center.....
http://www.ucsfhealth.org/clinics/melanoma_center/ [5]

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UCSF Main Site

Source URL: <http://radonc.ucsf.edu/skin-cancer>

Links

[1] <http://radonc.ucsf.edu/brachytherapy-hdr-ldr>

[2] <http://radonc.ucsf.edu/superficial-skin-treatment>

[3] <http://radonc.ucsf.edu/hyperthermia>

[4] <http://radonc.ucsf.edu/external-beam-radiation-therapy-ebrt>

[5] http://www.ucsfhealth.org/clinics/melanoma_center/