

## Sarcoma

Sarcoma is a type of cancer that originates in bone or in one of the soft tissues. Soft tissues in this context include muscles, blood vessels, tendons, fat, nerves, and deep skin tissues. Almost half of soft tissue tumors start in the arms or legs. Other soft tissue tumors arise in the torso. More rarely, soft tissue tumors start in the head and neck regions, or within other organs, such as the liver, lung, kidney, uterus, breast, and gastrointestinal tract. Sarcoma occurs in both adults and children.

The most common soft tissue sarcomas are:

- Leiomyosarcoma
- Liposarcoma

Other common soft tissue sarcomas are:

- Angiosarcoma
- Synovial sarcoma
- Rhabdomyosarcoma
- Malignant peripheral nerve sheath tumor
- Spindle cell sarcoma
- Ewing's sarcoma
- Gastrointestinal stromal tumors (GIST)

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 are known, nationally and internationally, for our advanced and state-of-the-art treatments for sarcomas in both adults and children. We offer a full range of treatments for sarcomas, individually customized for each patient, including:

- Intensity modulated radiation therapy (IMRT) <sup>[1]</sup>
- 3D conformal radiation therapy (3DCRT) <sup>[2]</sup>

- Intraoperative radiation therapy (IORT) [3]
- High dose rate brachytherapy (HDR) [4]

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**Links**

[1] <http://radonc.ucsf.edu/intensity-modulated-radiation-therapy-imrt>

[2] <http://radonc.ucsf.edu/three-dimensional-conformal-radiation-therapy-3dcrt>

[3] <http://radonc.ucsf.edu/intraoperative-radiation-therapy%E2%80%8B-iort>

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