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Simultaneous-Integrated Boost Intensity-Modulated Radiation Therapy

National Cancer Institute

Source

National Cancer Institute. *Simultaneous-Integrated Boost Intensity-Modulated Radiation Therapy*. NCI Thesaurus. Code C121139.

A modification of intensity modulated radiation therapy that allows for the simultaneous delivery of different dose levels to different target volumes within a single treatment fraction. This can result in better sparing of critical structures, more efficient delivery, shorter treatment duration, and better biologic effectiveness.