

# Target Volume Delineation And Field Setup

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This handbook will enable radiation oncologists to appropriately and confidently select and delineate tumor volumes/fields for conformal radiation therapy, including intensity-modulated radiation therapy (IMRT), in patients with commonly encountered cancers. The orientation of this handbook is entirely practical, in that the focus is on the illustration of clinical target volume (CTV) delineation for each major malignancy. Each chapter provides guidelines and concise knowledge on treatment planning and CTV selection, explains how the anatomy of lymphatic drainage shapes target volume selection, and presents detailed illustrations of delineations, slice by slice, on planning CT images. While the emphasis is on target volume delineation for three-dimensional conformal therapy and IMRT, information is also provided on conventional radiation therapy field setup and planning for certain malignancies for which IMRT is not currently suitable. EAN/ISBN : 9783642288609 Publisher(s): Springer, Berlin Discussed keywords: Strahlentherapie Format: ePub/PDF Author(s): Lee, Nancy Y. - Lu, Jiade J.

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