

Atlas For Delineation Of The Lymph Node Regions For

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Atlas For Delineation Of The

CT-based delineation of organs at risk in the head and ...

The atlas can also be obtained in DICOM-RT format on request Conclusion: Consensus guidelines for head and neck OAR delineation were defined, aiming to decrease interobserver variability among clinicians and radiotherapy centers

Delineation of the neck node levels for head and neck ...

more completely with the TNM atlas The consensus guidelines for the delineation of the node levels in the neck Fig 1 presents lateral views of the superficial and the deep node groups of the head and neck region [11] For all these groups, Ta-ble 1 compares the terminology of the TNM atlas and the proposed

CT-based delineation of lymph node levels in the N0 neck ...

CT-based delineation of lymph node levels in the N0 neck: DAHANCA, EORTC, GORTEC, RTOG consensus guidelines Vincent Grégoire, Radiation Oncology Peter Levendag*, Radiation Oncology UCL St-Luc University Hospital, Brussels, Belgium and *Erasmus Medical Center, Rotterdam, The Netherlands

Computed tomographic atlas for the new international lymph ...

accurate delineation of various anatomic structures including lymph node regions Various atlases have been created to aid in treatment planning In 2005, Chapet et al5 published an atlas from the University of Michigan, de-fining on CT images the mediastinal lymph node stations for lung cancer This atlas was based on the prior map and

Gynecologic Cancers: E-Contouring

• What is needed is a CT-based atlas* for target delineation since obtaining a MRI may be difficult • MRI is also needed at the time of brachytherapy

and two MRIs may not be approved *under development Intact Cervix Target Delineation • Remains a work in progress

Atlas-based segmentation technique incorporating inter ...

Atlas-based segmentation technique incorporating inter-observer delineation uncertainty for whole breast Abstract Accurate, efficient auto-segmentation ...

Brachial Plexus Contouring with CT and MR Imaging in ...

RTOG brachial plexus atlas, the brachial plexus is contoured with nonenhanced CT In this article, we review the anatomy of the brachial plexus and describe its appearances at MR imaging and CT for the purposes of IMRT planning for head and neck cancer In addition, we ...

Anatomy

Anatomy: E-Anatomy (yearly subscription) <http://www.wimaios.com/en/e-Anatomy> Head and Neck Anatomy (Free) <http://headneckbrainspine.com/> General Anatomy Pictures

ASTRO E Contouring Esophagus - cmcgc.com

EORTC-ROG expert opinion* • Matzinger, O, Gerber E, Bernstein Z, Maingon P, Huastermans K, Bosset JF, Gulyban A, Poortmans P, Collette L and Kuten A • Radiotherapy volume and treatment guidelines for neoadjuvant radiation of

ASTRO Contouring for Lymphoma

target delineation • Involved-nodal radiotherapy (INRT) was introduced in Europe for Hodgkin Lymphoma and markedly reduced the irradiated volume • INRT design requires accurate pre-chemo or pre-biopsy information obtained in the treatment position The Evolution of INRT and ISRT

CNS Anatomy & Contouring

Anatomy The CNS consists of the brain and spinal cord The bony skull and spinal canal (formed by the vertebral bodies) confine the CNS within a series of

Target Delineation For Head and Neck Cancer

Delineation • Should probably have at least 1cm circumferential margin except near bony region, especially there are no good salvage options for failure • Base of tongue cancer to include pre-epiglottic fat and entire base of tongue (but can be in the next lower dose region) • Tonsil cancer, should include the pterygoid plate

Consistency of ESTRO and RTOG contouring guidelines for ...

breast target volume delineation emphasize the importance of detailed and unambiguous protocols for delineation in order to minimize variation¹⁰ The RTOG Breast Cancer Atlas¹¹ was published in 2009 and has been the foundation of a number of subsequent breast cancer trials^{12–14} This contouring atlas was based on multicentre expert

Development of an Expert Consensus Target Delineation ...

•3-4 more cases planned for atlas development phase •Data from this preliminary analysis will be used to generate educational materials to assist non-expert target delineation through guideline and atlas implementation •Future efforts will seek to assess the impact of MRI-CT, 4DCT and PET-CT imaging on thymic target delineation variability

Target Delineation for Prostate Cancer - NYP.org

Target Delineation for Prostate Cancer Michael J Zelefsky MD Professor of Radiation Oncology Chief, Brachytherapy Service Memorial Sloan Kettering Cancer Center Keys for Successful Contouring • Familiarity with the target anatomy • Understanding the extent of disease

Building Head and Neck Anatomical Atlas for Robust Image ...

Evaluation of an atlas-based automatic segmentation software for the delineation of brain organs at risk in a radiation therapy clinical context
Radiotherapy Oncology, 87(1):93-99, 2008

Allen Mouse Common Coordinate Framework - Allen Brain Atlas

template for delineation of anatomical structures for CCF v3 2 Allen Mouse Brain Connectivity Atlas - Reference Data (connectivitybrain-maporg):
Reference data includes two histology datasets (Nissl- and AChE-stained sections) and three immunohistochemistry datasets

Clinical Targets and Treatment Panning II SABR for Lung ...

RTOG OAR Atlas for Thoracic RT Kong et al Consideration of dose limits for organs at risk of thoracic radiotherapy: atlas for lung, proximal bronchial tree, esophagus, spinal cord, ribs, and brachial plexus Int J Radiat Oncol Biol Phys 2011; 81:1442-57 Hall et al Development and validation of a standardized method for contouring the

Clinical validation of atlas-based auto-segmentation of ...

the ideal sequence of an atlas-based auto-segmentation system in pelvic delineation of locally advanced rectal cancer Methods Fourteen consecutive patients were selected between October and December 2011 The images of four were used as an atlas and 10 used for validation

Improving target volume delineation in intact cervical ...

Consensus best practice delineation was derived and a pictorial atlas produced The proportion of outlines complying with protocol in test and real-time cases was compared before and after atlas implementation within the INTERLACE RTQA pack Results: Seven key papers were reviewed Eleven areas of variation were identified