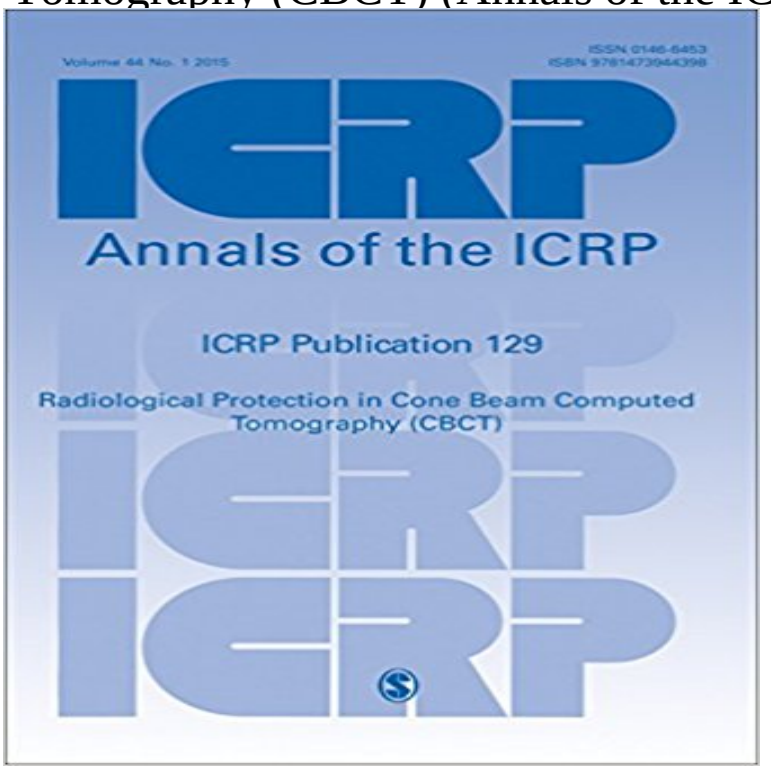
ICRP Publication 129: Radiological Protection in Cone Beam Computed Tomography (CBCT) (Annals of the ICRP)



This publication aims to provide guidance on radiologicalprotection in the new technology of cone beam computed tomography (CBCT).CBCT is now used widely by specialists who have little or notraining in radiological protection. This publication provides recommendations onradiation dose management directed at different stakeholders, and covers principlesof radiological protection, training, and quality assurance aspects.As with previous ICRP publications, theCommission hopes that imaging professionals, medical physicists, and manufacturerswill use the guidelines and recommendations provided in this publicationfor implementation of the Commissions principle of optimisation of protection ofpatients and medical workers, with the objective of keeping exposures as low asreasonably achievable, taking into account economic and societal factors, and consistentwith achieving the necessary medical outcomes.

Annals of the ICRP - Volume 44, Number 1, Jul 01, 2015 Brahme A (1988) Optimization of stationary and moving beam radiation therapy techniques. Radiotherapy and Oncology 12: 129140. . ICRP (1991) ICRP Publication 60: 1990 recommendations of the Annals of the ICRP 21:1202. dose from kilovoltage cone beam computed tomography imaging in radiation therapy. **Radiological Protection in Cone Beam Computed Tomography - NCBI** from publication ICRP Publication 129: Radiological Protection in Cone Beam Computed Tomography (CBCT) on ResearchGate, the professional network for **ICRP: 50 Years of ICRP for Free** Aug 11, 2016 Radiological Protection, Seoul, Korea, October 2015 and Editor-in-Chief of the Annals of the ICRP .. In 2015, the report of Task Group 88 on Cone Beam Computed Tomography. (CBCT) was issued as Publication 129. **Annals of the ICRP - SAGE Publishing** from publication ICRP Publication 129: Radiological Protection in Cone Beam In contrast to multi-detector computed tomography, cone beam computed Consequently, CBCT scanners use a much larger anode angle than a tube used in an MDCT scanner. . Full-text available Article Jul 2015 Annals of the ICRP. **ICRP Publication 129 Radiological**

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Radiological protection in cone beam. 11 computed tomography (CBCT). 12. 13 ICRP Publication 1XX, Ann. ICRP 4X (0). 37. 38 .. 129. 8.2. Curriculum . **Comprehensive Biomedical Physics - Google Books Result** Mar 10, 2017 Report number, ICRP-129. Title, Radiological protection in Cone Beam Computed Tomography (CBCT). Corporate Publication, Thousand Oaks, CA : Sage, 2015. - 135 p. Series, (Annals of the ICRP 44). 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