Lect. Gökçe UÇAR ALVEROĞLU

Personal Information

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Education Information

2018 - Continues	Doctorate, Istanbul University, Onkoloji Enstitüsü, Sağlık Fiziği , Turkey
2015 - 2017	Postgraduate, Istanbul University, Onkoloji Enstitüsü, Sağlık Fiziği , Turkey
2010 - 2015	Undergraduate, Bogazici University, Faculty Of Educatıon, Fizik Öğretmenliği, Turkey

Foreign Languages

English, B2 Upper Intermediate

Dissertations

2017	TOMOTERAPİ İLE TÜM VÜCUT IŞINLAMALARINDA DOZ DAĞILIMLARININ ARAŞTIRILMASI, Istanbul University, Onkoloji Enstitüsü, Sağlık Fiziği Anabilim Dalı, Postgraduate

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences

Academic Titles / Tasks

2019 - Continues	Lecturer, Istanbul University, Onkoloji Enstitüsü, Temel Onkoloji Ana Bilim Dalı

Published journal articles indexed by SCI, SSCI, and AHCI

I. **TLD measurement to investigate the bolus effect on skin dose in total body irradiation with helical tomotherapy**
UÇAR ALVEROĞLU G., KÖKSAL AKBAŞ C., Kingir Celtik I., BECERİR H. B.
Radiation Physics and Chemistry, vol.219, 2024 (SCI-Expanded)

II. **Dosimetric analysis of beam arrangement for intensity-modulated radiation therapy in the postoperative irradiation of thymoma**
KÖKSAL AKBAŞ C., UÇAR ALVEROĞLU G., Suncak L., KARAMAN Ş., Dagoglu N., ORAL E. N., BECERİR H. B.
RADIATION PHYSICS AND CHEMISTRY, vol.213, 2023 (SCI-Expanded)

Articles Published in Other Journals

I. **Dosimetric Evaluation of Total Body Irradiations with Helical Tomotherapy: Phantom Study**
UÇAR ALVEROĞLU G., Kingir Çeltik İ., KÖKSAL AKBAŞ C., BECERİR H. B.
Turk Onkoloji Dergisi, vol.38, no.1, pp.104-111, 2023 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. **Dose comparison of total body irradiation in different treatment planning system algorithms**
Uçar Alveroğlu G., Dönmez Kesen N., Köksal Akbaş C., Kıngır Çeltik İ., Becerir H. B.
INTERNATIONAL CONFERENCE ON RADIATION IN VARIOUS FIELDS OF RESEARCH, Herceg Novi, Montenegro, 13 - 17 June 2022, pp.75

II. **Investigation of bolus effect on skin dose in total body irradiations by helical tomotherapy**
Uçar Alveroğlu G., Kıngır Çeltik İ., Köksal Akbaş C., Becerir H. B.
3rd European Congress of Medical Physics, 17 - 19 June 2021, pp.84-85

III. **Farklı Tedavi Planlama Sistemi Algoritmalarında Tüm Vücut Işınlamasının Doz Karşılaştırması**
Uçar Alveroğlu G., Dönmez Kesen N., Köksal Akbaş C., Kıngır Çeltik İ., Becerir H. B.
18. Ulusal Medikal Fizik Kongresi, Antalya, Turkey, 4 - 07 November 2021, pp.1

IV. **Plan evaluation of total body irradiation using volumetric modulated arc therapy (VMAT) and helical tomotherapy**
Uçar Alveroğlu G., Kıngır Çeltik I., Köksal Akbaş C., Becerir H. B.
INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS (RAP 2021), 6 - 08 September 2021, pp.73-74

Congress and Symposium Activities

2023	ESTRO-PARTICLE THERAPY, Audience, Madrid, Spain
2023	VARIAN-Advanced Techniques Physics IMRT/RapidArc, Attendee, Zug, Switzerland

Non Academic Experience

2019 - 2019	Other Public Institution, Sbü. Okmeydanı Eğitim Ve Araştırma Hastanesi, Nükleer Tıp
2018 - 2019	Other Public Institution, Sbü. Okmeydanı Eğitim Ve Araştırma Hastanesi, Nükleer Tıp