# Lect. PhD GORKEM GUNGOR

## Personal Information

**Office Phone:** +90 212 304 3959
**Other Email:** gorkem.gungor@acibadem.com
**Web:** https://avesis.acibadem.edu.tr/84
**Address:** BÜYÜKDERE CAD. NO:40 MASLAK SARIYER İSTANBUL 34457

**International Researcher IDs**
ScholarID: ioH3cSQAAAAJ
ORCID: 0000-0001-8164-8877
ScopusID: 36618855700
Yoksis Researcher ID: 278864

## Education Information

Doctorate, Istanbul Medipol University, Institute Of Health Sciences, Department Of Health Physics (Interdisciplinary), Turkey 2017 - 2023
Postgraduate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Radyoterapi Fiziği (Yl) (Tezli), Turkey 2005 - 2007
Undergraduate, Hacettepe University, Mühendislik Fakültesi, Nükleer Enerji Mühendisliği Bölümü, Turkey 1999 - 2005

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Quality Control Analysis Of Intensity Modulated Radiotherapy Treatment Plans Under 0.35 Tesla Magnetic Field With Multi-Channel Film Dosimetry, Istanbul Medipol University, Sağlık Bilimleri Enstitüsü, Medical Physics, 2023
Postgraduate, 6MV ve 18 MV foton enerjilerinde çok yapraklı kolimatör ve seroband alaşım blokların geometrik ve dozimetrik olarak karşılaştırılması, Hacettepe University, Sağlık Bilimleri Enstitüsü, Radyoterapi Fiziği (Yl) (Tezli), 2007

## Research Areas

Internal Medicine Sciences, Radiation Oncology, Physics, Nuclear physics, Health Sciences

## Academic Titles / Tasks

Lecturer, Acibadem Mehmet Ali Aydinlar University, Graduate School Of Health Sciences, The Department Of Cardiovascular Surgery, 2010 - Continues
Lecturer, Hacettepe University, Kanser Enstitüsü , Klinik Onkolojisi A.B.D., 2006 - 2007

## Courses

RADYASYONDAN KORUNMA, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
RADYOTERAPİ FİZİĞİ II, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
RADYOTERAPİ FİZİĞİ I, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

## Published journal articles indexed by SCI, SSCI, and AHCI

I. **Dosimetric comparison of stereotactic MR-guided radiation therapy (SMART) and HDR brachytherapy boost in cervical cancer**
Dincer N., Ugurluer G., Mustafayev T. Z., Serkizyan A., Aydin G., Güngör G., Yapici B., Atalar B., Özyar E.
BRACHYTHERAPY, no.1, pp.18-24, 2024 (SCI-Expanded)

II. **Online Adaptive Magnetic Resonance-guided Radiation Therapy for Gynaecological Cancers: Preliminary Results of Feasibility and Outcome**
UĞURLUER G., Mustafayev T. Z., Gungor G., ABACIOGLU M. U., ATALAR B., ÖZYAR E.
CLINICAL ONCOLOGY, vol.36, no.1, pp.12-20, 2024 (SCI-Expanded)

III. **An ESTRO-ACROP guideline on quality assurance and medical physics commissioning of online MRI guided radiotherapy systems based on a consensus expert opinion**
Tanadini-Lang S., Budgell G., Bohoudi O., Corradini S., Cusumano D., GUNGOR G., Kerkmeijer L. G., Mahmood F., Nill S., Palacios M. A., et al.
Radiotherapy and Oncology, vol.181, 2023 (SCI-Expanded)

IV. **A multi-centric evaluation of self-learning GAN based pseudo-CT generation software for low field pelvic magnetic resonance imaging**
Prunaretty J., Gungor G., Gevaert T., Azria D., Valdenaire S., Balermpas P., Boldrini L., Chuong M. D., De Ridder M., Hardy L., et al.
FRONTIERS IN ONCOLOGY, vol.13, 2023 (SCI-Expanded)

V. **Clinical evaluation of self-learning GAN based pseudo-CT generation software for low field pelvic MR**
Fenoglietto P., Gevaert T., Boussaer M., Delasalles E., Ioannidou D., Shreshtha K., Roque T., Paragios N., Azria D., ÖZYAR E., et al.
RADIOTHERAPY AND ONCOLOGY, 2022 (SCI-Expanded)

VI. **AI-based OAR delineation in brain T1w-MRI: Overcoming Inter- and Intra-observer variability**
GUNGOR G., Klausner G., Gur G., Serbez I., TEMUR B., Caffaro A., Hardy L., Kandiban S., Oumani A., Bertrand B., et al.
RADIOTHERAPY AND ONCOLOGY, vol.170, 2022 (SCI-Expanded)

VII. **AI surpassing human expert: a multi-centric evaluation for organ at risk delineation**
Azria D., Boldrini L., De Ridder M., Fenoglietto P., Gambacorta M. A., Gevaert T., Gungor G., Lagerwaard F. J., Marciscano A. E., Michalet M., et al.
RADIOTHERAPY AND ONCOLOGY, 2022 (SCI-Expanded)

VIII. **Long-Term Multi-Institutional Outcomes of 5-Fraction Ablative Stereotactic MR-Guided Adaptive Radiation Therapy (SMART) for Inoperable Pancreas Cancer With Median Prescribed Biologically Effective Dose of 100 Gy(10)**
Chuong M. D., Kirsch C., Herrera R., Rubens M., GUNGOR G., Schaff E. M., Dolan J., Kim J., Mittauer K. E., Kotecha R., et al.
INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS, vol.111, no.3, 2021 (SCI-Expanded)

IX. **Dosimetric and Clinical Evaluation of Stereotactic MR-Guided Online Adaptive Radiation Therapy (SMART) for Treatment of Adrenal Metastases**
UĞURLUER G., Serkizyan A., Mustafayev T. Z., ATALAR B., ABACIOGLU M. U., GUNGOR G., ÖZYAR E.
INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS, vol.111, no.3, 2021 (SCI-Expanded)

X. **Human-Level Precision Upper Abdominal OAR Contouring With Anatomically Preserving Deep Learning During Magnetic Resonance Imaging Guided Adaptive Radiotherapy (MRgRT)**
GUNGOR G., Michalet M., Lombard A., Roque T., ATALAR B., TEMUR B., Serbez I., Azria D., De Vitry L., Riou O., et al.
INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS, vol.111, no.3, 2021 (SCI-Expanded)

XI. **Multi-Institutional Outcomes of Stereotactic Magnetic Resonance Image-Guided Adaptive Radiation Therapy (SMART) With Median Biologically Effective Dose of 100 Gy10 for Oligometastases**
Chuong M. D., Herrera R., Mustafayev T. Z., GUNGOR G., Ugurluer G., Atalar B., Kotecha R., Hall M. D., Rubens M., Mittauer K. E., et al.
INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS, vol.111, no.3, 2021 (SCI-Expanded)

XII. **Risk of symptomatic radiation necrosis in patients treated with stereotactic radiosurgery for brain metastases.**
Sayan M., Şahin B., Mustafayev T., Kefelioğlu E., Vergalasova I., Gupta A., Balmuk A., Güngör G., Ohri N., Weiner J., et al.
Neurocirugia (Asturias, Spain), vol.32, pp.261-267, 2021 (SCI-Expanded)

XIII. **Magnetic resonance image-guided hypofractionated ablative radiation therapy for extrahepatic cholangiocarcinoma: Plan adaptation in changing anatomy**
Egriboyun S., UĞURLUER G., GUNGOR G., Zoto Mustafayev T., Cicek B., Demir G., ATALAR B., ÖZYAR E.
Medical Dosimetry, vol.46, pp.435-439, 2021 (SCI-Expanded)

XIV. **Efficiency of modulated and dose rate altered flattening filter free beams in high dose per fraction radiotherapy applications on the survival of prostate cancer cell lines**
Ceylan C., Öztürk A. S., Gungor G., Karabey A. U., Sahin S., Duruksu G., Yazır Y., Aksu M. G., Gündoğdu Ö.
INTERNATIONAL JOURNAL OF RADIATION RESEARCH, vol.19, no.4, pp.879-889, 2021 (SCI-Expanded)

XV. **Long-term multi-institutional outcomes of 5-fraction ablative stereotactic MR-guided adaptive radiation therapy (SMART) for inoperable pancreas cancer with median prescribed biologically effective dose of 100 Gy10**
Chuong M., Kirsch C., Herrera R., Rubens M., Gungor G., Schaff E., Dolan J., Kim J., Mittauer K., Kotecha R., et al.
International Journal Of Radiation Oncology Biology Physics, vol.111, no.3, pp.96, 2021 (SCI-Expanded)

XVI. **Stereotactic MR-guided online adaptive radiation therapy for management of pancreatic malignancies**
Mustafayev T. Z., UĞURLUER G., GUNGOR G., ATALAR B., Serkizyan A., ABACIOGLU M. U., AGAOGLU F., Sengoz M., GÜVEN K., ÖZYAR E.
RADIOTHERAPY AND ONCOLOGY, 2021 (SCI-Expanded)

XVII. **Artificial Intelligence in magnetic Resonance guided Radiotherapy: Medical and physical considerations on state of art and future perspectives.**
Cusumano D., Boldrini L., Dhont J., Fiorino C., Green O., Güngör G., Jornet N., Klüter S., Landry G., Mattiucci G. C., et al.
Physica medica : PM : an international journal devoted to the applications of physics to medicine and biology : official journal of the Italian Association of Biomedical Physics (AIFB), vol.85, pp.175-191, 2021 (SCI-Expanded)

XVIII. **Magnetic resonance image-guided adaptive stereotactic body radiotherapy for prostate cancer: preliminary results of outcome and toxicity.**
Ugurluer G., Atalar B., Zoto M., Gungor G., Aydin G., Sengoz M., Abacioglu U., Tuna M., Kural A. R., Ozyar E.
The British journal of radiology, vol.94, no.1117, pp.20200696, 2021 (SCI-Expanded)

XIX. **Time Analysis of Online Adaptive Magnetic Resonance-Guided Radiation Therapy Workflow According to Anatomical Sites.**
Güngör G., Serbez İ., Temur B., Gür G., Kayalılar N., Mustafayev T., Korkmaz L., Aydın G., Yapıcı B., Atalar B., et al.
Practical radiation oncology, vol.11, no.1, 2021 (SCI-Expanded)

XX. **Risk of Symptomatic Radiation Necrosis Following Stereotactic Radiosurgery for Brain Metastases**
Sayan M., ŞAHİN B., Mustafayev T. Z., Kefelioglu E. S. S., Vergalasova I., Gupta A., Balmuk A., Gungor G., Ohri N., Weiner J., et al.
RADIOTHERAPY AND ONCOLOGY, vol.152, 2020 (SCI-Expanded)

XXI. **Patient-Reported Tolerance of Magnetic Resonance-Guided Radiation Therapy.**

Sayan M., Serbez I., Teymur B., Gur G., Zoto Mustafayev T., Gungor G., Atalar B., Ozyar E.
Frontiers in oncology, vol.10, pp.1782, 2020 (SCI-Expanded)

XXII. **Estimation of secondary cancer risk after radiotherapy in high-risk prostate cancer patients with pelvic irradiation**
HACIİSLAMOĞLU E., GUNGOR G., AYDIN G., CANYILMAZ E., Guler O. C., Zengin A. Y., Yenice K. M.
JOURNAL OF APPLIED CLINICAL MEDICAL PHYSICS, vol.21, no.9, pp.82-89, 2020 (SCI-Expanded)

XXIII. **Long-term toxicity and survival outcomes after stereotactic ablative radiotherapy for patients with centrally located thoracic tumors**
Atalar B., Mustafayev T., Sio T., Sahin B., Gungor G., Aydın G., Yapici B., Ozyar E.
Radiology and Oncology, vol.54, no.4, pp.480-487, 2020 (SCI-Expanded)

XXIV. **First 500 Fractions Delivered with a Magnetic Resonance-guided Radiotherapy System: Initial Experience**
Sahin B., Zoto M., Gungor G., Aydin G., Yapici B., Atalar B., Ozyar E.
CUREUS, vol.11, no.12, 2019 (SCI-Expanded)

XXV. **Output factors of ionization chambers and solid state detectors for mobile intraoperative radiotherapy (IORT) accelerator electron beams**
Gungor G., Aydin G., Mustafayev T. Z., ÖZYAR E.
JOURNAL OF APPLIED CLINICAL MEDICAL PHYSICS, vol.20, no.2, pp.13-23, 2019 (SCI-Expanded)

XXVI. **Secondary cancer risk after whole-breast radiation therapy: field-in-field versus intensity modulated radiation therapy versus volumetric modulated arc therapy**
HACIİSLAMOĞLU E., ÇINAR Y., GÜRCAN F., CANYILMAZ E., GUNGOR G., Yoney A.
BRITISH JOURNAL OF RADIOLOGY, vol.92, no.1102, 2019 (SCI-Expanded)

XXVII. **Toxicities and Survival after Stereotactic Ablative Radiotherapy (SABR) for Centrally Located Lung Tumors**
Atalar B., Mustafayev T., Sio T., Sahin B., Gungor G., Aydin G., Yapici B., Ozyar E.
JOURNAL OF THORACIC ONCOLOGY, vol.13, no.10, 2018 (SCI-Expanded)

XXVIII. **Impact of Rectal Balloon and MRI Delineation on Anorectal Dose and Gastrointestinal Toxicity Levels**
GÜNGÖR G., Aydin G., Ozyar E.
INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS, vol.100, no.5, pp.1291, 2018 (SCI-Expanded)

XXIX. **Robotic radiosurgery of head and neck paragangliomas: a single institution experience**
Tosun I., Atalar B., Sahin B., GÜNGÖR G., Aydin G., Yapici B., Ozyar E.
ASIA-PACIFIC JOURNAL OF CLINICAL ONCOLOGY, vol.14, no.2, 2018 (SCI-Expanded)

XXX. **Improvement of conformal arc plans by using deformable margin delineation method for stereotactic lung radiotherapy**
GÜNGÖR G., Demir M., Aydin G., Yapici B., Atalar B., Ozyar E.
JOURNAL OF APPLIED CLINICAL MEDICAL PHYSICS, vol.19, no.1, pp.184-193, 2018 (SCI-Expanded)

XXXI. **Re-Irradiation of Non-Small Cell Lung Cell Cancer Recurrences with Stereotactic Body Radiotherapy**
Atalar B., Sahin B., Gungor G., Aydin G., Yapici B., Ozyar E.
JOURNAL OF THORACIC ONCOLOGY, vol.12, no.1, 2017 (SCI-Expanded)

XXXII. **Dosimetric Comparison of Robotic and Conventional Linac-Based Stereotactic Lung Irradiation in Early-Stage Lung Cancer**
Atalar B., Aydin G., Gungor G., Caglar H., Yapici B., Ozyar E.
TECHNOLOGY IN CANCER RESEARCH & TREATMENT, vol.11, no.3, pp.249-255, 2012 (SCI-Expanded)

XXXIII. **Use of volumetric modulated arc radiotherapy in patients with early stage glottic cancer**
Atalar B., Gungor G., Caglar H., Aydin G., Yapici B., Ozyar E.
TUMORI, vol.98, no.3, pp.331-336, 2012 (SCI-Expanded)

XXXIV. **Comparisons of static 7 field and dynamic conformal arc techniques for stereotactic lung radiotherapy Stereotaktik akciğer ışınlamalarında statik 7 alan ve dinamik konformal ark tekniklerinin karşılaştırılması**
ATALAR B., Küçükmorkoç E., Doyuran M., Güngör G., Aydin G., Yapici B., Çağlar H., ÖZYAR E.

Turk Onkoloji Dergisi, vol.27, no.3, pp.111-118, 2012 (SCI-Expanded)

XXXV. **Intensity modulated radiotherapy (IMRT) in bilateral retinoblastoma**
ATALAR B., ÖZYAR E., GÜNDÜZ K., Gungor G.
RADIOLOGY AND ONCOLOGY, vol.44, no.3, pp.194-198, 2010 (SCI-Expanded)

## Articles Published in Other Journals

I. **Magnetic Resonance Imaging-Guided Stereotactic Body Radiation Therapy for Medically Inoperable Endometrial Cancer**
Dincer N., ABACIOGLU M. U., Tezcanli E., Gungor G., Sengoz M.
CUREUS JOURNAL OF MEDICAL SCIENCE, no.2, 2023 (ESCI)

II. **Multi-Institutional Outcomes of Stereotactic Magnetic Resonance Image Guided Adaptive Radiation Therapy With a Median Biologically Effective Dose of 100 Gy(10) for Non-bone Oligometastases**
Kutuk T., Herrera R., Mustafayev T. Z., Gungor G., Ugurluer G., Atalar B., Kotecha R., Hall M. D., Rubens M., Mittauer K. E., et al.
ADVANCES IN RADIATION ONCOLOGY, vol.7, no.6, 2022 (ESCI)

III. **Magnetic Resonance Imaging-Guided Radiation Therapy for Early-Stage Gastric Mucosa-Associated Lymphoid Tissue Lymphoma**
Dincer N., Ugurluer G., Gungor G., Zoto Mustafayev T., Atalar B., Ozyar E.
CUREUS JOURNAL OF MEDICAL SCIENCE, no.9, 2022 (ESCI)

IV. **Magnetic Resonance Imaging-Guided Online Adaptive Lattice Stereotactic Body Radiotherapy in Voluminous Liver Metastasis: Two Case Reports**
Dincer N., UĞURLUER G., Korkmaz L., Serkizyan A., ATALAR B., Gungor G., ÖZYAR E.
CUREUS JOURNAL OF MEDICAL SCIENCE, vol.14, no.4, 2022 (ESCI)

V. **Magnetic Resonance Image-Guided Hypofractionated Ablative Radiation Therapy for Hepatocellular Carcinoma With Tumor Thrombus Extending to the Right Atrium**
Dincer N., UĞURLUER G., Mustafayev T. Z., Gungor G., ATALAR B., GÜVEN K., ÖZYAR E.
CUREUS JOURNAL OF MEDICAL SCIENCE, vol.14, no.4, 2022 (ESCI)

VI. **Magnetic resonance image-guided stereotactic body radiation therapy for liver rhabdoid tumor in infancy: A case report**
Egriboyun S., UĞURLUER G., Corapcioglu F. V., Celik L., GUNGOR G., ATALAR B., ÖZYAR E.
Journal of Medical Imaging and Radiation Sciences, vol.52, pp.305-311, 2021 (Peer-Reviewed Journal)

VII. **Stereotactic MR-guided online adaptive radiation therapy (SMART) for the treatment of liver metastases in oligometastatic patients: initial clinical experience**
UĞURLUER G., Mustafayev T. Z., GUNGOR G., ATALAR B., ABACIOGLU M. U., ŞENGÖZ K. M., AGAOGLU F., Demir G., ÖZYAR E.
RADIATION ONCOLOGY JOURNAL, vol.39, no.1, pp.33-40, 2021 (Peer-Reviewed Journal)

VIII. **Magnetic Resonance–Guided Radiation Therapy to Boost Cervical Cancer When Brachytherapy Is Not Available: A Case Report**
Sayan M., Mustafayev T. Z., ATALAR B., GÜNGÖR G., ÖZYAR E.
Advances in Radiation Oncology, vol.5, no.5, pp.1066-1070, 2020 (Peer-Reviewed Journal)

IX. **Management of symptomatic radiation necrosis after stereotactic radiosurgery and clinical factors for treatment response.**
Sayan M., Mustafayev T. Z., Balmuk A., Mamidanna S., Kefelioglu E. S. S., GUNGOR G., Chundury A., Ohri N., KARAARSLAN E., ÖZYAR E., et al.
Radiation oncology journal, vol.38, no.3, pp.176-180, 2020 (Peer-Reviewed Journal)

X. **Multichannel Film Dosimetry for Quality Assurance of Intensity Modulated Radiotherapy Treatment Plans Under 0.35 T Magnetic Field**
Gungor G., Korkmaz L., Kayalilar N., Aydin G., Yapici B., Mustafayev T. Z., Atalar B., Ozyar E.
CUREUS, vol.12, 2020 (Peer-Reviewed Journal)

XI. **Evaluation of response to stereotactic radiosurgery in patients with radioresistant brain metastases**
Sayan M., Zoto M., Sahin B., Kefelioglu E., Wang S., Kurup V., Balmuk A., Gungor G., Ohri N., Weiner J., et al.
RADIATION ONCOLOGY JOURNAL, vol.37, no.4, pp.265-270, 2019 (Peer-Reviewed Journal)

XII. **Non-small Cell Lung Cancer with Multiple Brain Metastases Treated with Radiosurgery and Erlotinib: A Case Report**
Sahin B., Mustafayev T., Aydin G., GÜNGÖR G., Yapici B., Atalar B., Ozyar E.
CUREUS, vol.9, no.12, 2017 (Peer-Reviewed Journal)

XIII. **COMPARISON OF 3D CONFORMAL AND VOLUMETRIC MODULATED ARC TECH ACCORDING TO RTOG 0915 PROTOCOL TREATMENT PLANNING GUIDELINES IN STEREOTACTIC LUNG RADIATION THERAPHY**
BAŞLANGIÇ B., GÜNGÖR G., AYDIN G., ULUER M., KARADEMİR M., YAPICI B., ŞAHİN A. B., ATALAR B., ÖZYAR E.
Acıbadem Üniversitesi Sağlık Bilimleri Dergisi, vol.8, no.3, pp.146-149, 2017 (Peer-Reviewed Journal)

XIV. **Streotaktik Radyoterapi ve Radyocerrahi**
Gungor G., Aydın G., Yapıcı B.
Türkiye Klinikleri Radyasyon Onkolojisi Özel Dergisi, vol.2, no.3, pp.22-28, 2016 (Peer-Reviewed Journal)

XV. **Stereotaktik Radyoterapi ve Radyocerrahi**
Yapıcı B., Gungor G., Aydın G.
Turkiye Klinikleri J Radiat Oncol-Special Topics, vol.2, no.3, pp.163-171, 2016 (Peer-Reviewed Journal)

## Books & Book Chapters

I. **Hedef Hacim ve Kritik Organ Tanımlamaları**
Gungor G.
in: RADYOTERAPİ FİZİĞİ, Haticve Bilge Becerir Fadime Alkaya, Editor, Nobel Yayın Dağıtım, İstanbul, pp.501-514, 2020

II. **Stereotaktik Radyoterapi**
Gungor G.
in: TEMEL VE KLİNİK RADYOTERAPİ, Rıza Çetingöz,Melahat Garipağaoğlu,Cem Uzal,Hatice Bilge Becerir,Şaban Çakır Gökçe,Gökhan Özyiğit,Oğuz Galip Yıldız, Editor, TÜRK RADYASYON ONKOLOJİSİ DERNEĞİ YAYINLARI, İstanbul, pp.115-125, 2013

## Refereed Congress / Symposium Publications in Proceedings

I. **Benefit of Magnetic Resonance guided adaptive radiotherapy for treatment of pancreatic lesions**
Mustafayev T. Z., UĞURLUER G., Serkizyan A., Gungor G., ATALAR B., ÖZYAR E.
Annual Meeting of the European-Society-for-Radiotherapy-and-Oncology (ESTRO), Vienna, Austria, 12 - 16 May 2023

II. **Dosimetric Comparison of High Dose Rate Brachytherapy vs MR-Guided SBRT Boost for Cervical Cancer**
DİNCER N., UĞURLUER G., Mustafayev T. Z., Serkizyan A., AYDIN G., GUNGOR G., ATALAR B., ÖZYAR E.
Annual Meeting of the European-Society-for-Radiotherapy-and-Oncology (ESTRO), Vienna, Austria, 12 - 16 May 2023

III. **PSA Kinetics and Outcomes after Magnetic Resonance Image-Guided Stereotactic Body Radiotherapy for Prostate Cancer**
UĞURLUER G., Mustafayev T. Z., ATALAR B., GUNGOR G., Sengoz M., Abacioglu M. U., Tuna M. B., Kural A. R., ÖZYAR E.
Annual Meeting of the American-Society-for-Radiation-Oncology (ASTRO), ELECTR NETWORK, 23 - 26 October 2022

IV. **Evaluation of AI vs. Clinical Experts SBRT-Thorax Computed Tomography OARs Delineation**

Stathakis S., Pissakas G., Alexiou A., Bertrand B., Bondiau P. Y., Claude L., Cuthbert T., Damatopoulou A., Dejean C., Doukakis C., et al.
Annual Meeting of the American-Society-for-Radiation-Oncology (ASTRO), ELECTR NETWORK, 23 - 26 October 2022

V. **A Multi-Centric Evaluation of AI-Driven Synthetic CT Generation Form Low Field Magnetic Resonance Imaging**
GUNGOR G., Azria D., Balermpas P., Boldrini L., Chuong M. D., De Ridder M., Gevaert T., Hardy L., Kandiban S., Maingon P., et al.
Annual Meeting of the American-Society-for-Radiation-Oncology (ASTRO), ELECTR NETWORK, 23 - 26 October 2022

VI. **MR-Guided Online Adaptive Stereotactic Body Radiotherapy (SBRT) of Primary and Metastatic Lung Tumors**
UĞURLUER G., Mustafayev T. Z., ABACIOGLU M. U., GUNGOR G., ŞENGÖZ K. M., ÖZYAR E., ATALAR B.
Annual Meeting of the American-Society-for-Radiation-Oncology (ASTRO), ELECTR NETWORK, 23 - 26 October 2022

VII. **A Multi-Centric Evaluation of AI-Driven OARs Low Field MRgRT Pelvic /Abdomen Contouring**
Azria D., Andratschke N., Balermpas P., Boldrini L., Bourdais R., Bruynzeel A., Chuong M. D., De Ridder M., Fenoglietto P., Gevaert T., et al.
Annual Meeting of the American-Society-for-Radiation-Oncology (ASTRO), ELECTR NETWORK, 23 - 26 October 2022

VIII. **Stereotactic Body Radiotherapy (SBRT) for Multiple (≥3) Synchronous/Metachronous Lung Metastasis**
Foto Mustafayev T., Uğurluer G., Serkizyan A., Güngör G., Atalar B., Özyar E.
33rd World Congress of International Association of Surgeons, Gastroenterologists and Oncologists, İstanbul, Turkey, 29 September - 01 October 2022, pp.234

IX. **Akciğer tümörlerinin tedavisinde MR kılavuzluğunda online adaptif radyoterapi**
Uğurluer G., Zoto Mustafayev T., Güngör G., Köken Ü., Dinçer N., Abacıoğlu U., Ağaoğlu F., Şengör M., Özyar E., Atalar B.
UROK 2021, Antalya, Turkey, 26 - 30 November 2021, pp.72

X. **Oligometastazların Tedavisinde Stereotaktik MR Kılavuzluğunda Adaptif Radyoterapinin (SMART) Çok Merkezli Sonuçları**
Chuong M. D., Herrera R., Mustafayev T. Z., Güngör G., Uğurluer G., Atalar B., Kotecha R., Hall M. D., Mittauer K., Contreras J., et al.
14. Ulusal Radyasyon Onkolojisi Kongresi, Antalya, Turkey, 26 - 30 November 2021, pp.8-9

XI. **Prostat kanseri tedavisinde MR kılavuzluğunda online adaptif stereotaktik vücut radyoterapisi**
Uğurluer G., Atalar B., Zoto Mustafayev T., Güngör G., Dincer N., Köken Ü., Aydin G., Şengöz M. U., Abacıoğlu U., Tuna M., et al.
UROK 2021, Antalya, Turkey, 26 - 30 November 2021, pp.51

XII. **Adrenal metastazlarının tedavisinde MR kılavuzluğunda stereotaktik adaptif radyoterapinin dozimetrik ve klinik sonuçları**
Uğurluer G., Serkizyan A., Zoto Mustafayev T., Atalar B., Abacıoğlu U., Şengör M., Güngör G., Ağaoğlu F., Özyar E.
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XX. **Pelvik ışınlama yapılan ve yapılmayan yüksek risk prostat kanseri radyoterapisi sonrası ikincil kanser riskinin tahmini**
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XXIII. Ulusal Kanser Kongresi, Turkey, 17 - 21 April 2019

XXI. **Tüm Meme Radyoterapisi Sonrası İkincil Kanser Riski: FiF, IMRT ve VMAT Tekniklerinin Karşılaştırılması**
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XXIV. **Improvement of Conformal Arc Plans By Using Deformable Margin DelineationTechnique in Stereotactic Body Radiotherapy**
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59th Annual Meeting and Exhibition of the American-Association-of-Physicists-in-Medicine (AAPM), Colorado, United States Of America, 30 July - 03 August 2017, vol.44, pp.2962

XXV. **Comparison of Conformal and Volumetric Modulated Arc Techniques According to RTOG 0915 Protocol Treatment Planning Guidelines in Stereotactic Lung Radiation Therapy**
Baslangic B., Gungor G., Atalar B., Uluer M., Karademir M., Aydin G., Sahin B., Yapici B., Ozyar E.
57th Annual Meeting of the American-Society-for-Radiation-Oncology (ASTRO), San-Antonio, Northern Mariana Islands, 18 - 21 October 2015, vol.93

XXVI. **Cyberknife ve CammaKnife Tedavilerinde Hedef Hacim ve Normal Doku Dozlarının Karşılaştırılması**
KAYALILAR N., ŞENKESEN Ö., GÜNGÖR G., AYDIN G., YAPICI B., ÖZKÖK H. B., PEKER S., ŞENGÖZ K. M.

14. Ulusal Medikal Fizik Kongresi, Antalya, Turkey, 21 November 2013, vol.1, pp.230

XXVII. **Cyberknife ve Gamma Knife Tedavilerinde Hedef Hacim ve Normal Doku Dozlarının Karşılaştırılması**
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14. Ulusal Medikal Fizik Kongresi, Antalya, Turkey, 21 - 24 November 2013, pp.230

XXVIII. **Comparison of doses calculated by PBC and AAA calculation algorithms in heterogeneous tissues**
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2th ESTRO Forum, Geneve, Switzerland, 19 - 23 April 2013, vol.106, no.2, pp.449-450

XXIX. **Serviks Kanserinin İntrakaviter Brakiterapi Tedavisinde 3-Boyutlu Tedavi Planlamalarının ICRU-38 Referans Noktası ve Volüm Optimizasyonuna Göre Doz Dağılımlarının Karşılaştırılması**
YILDIZ F., CENGİZ M., YAPICI B., GÜNGÖR G., HACIİSLAMOĞLU E., DOĞAN A., ÖZYİĞİT G., YILDIZ F., ZORLU A. F.
IIX. Ulusal Radyasyon Onkolojisi Kongresi, Turkey, 19 - 23 April 2008

## Tasks In Event Organizations

Gungor G., Yapıcı B., Aydın G., 14. MEDİKAL FİZİK KONGRESİ, Scientific Congress, Antalya, Turkey, Kasım 2013

## Metrics

Publication: 81
Citation (WoS): 292
Citation (Scopus): 257
H-Index (WoS): 9
H-Index (Scopus): 8

## Awards

Gungor G., Özyar E., Prof. Dr. İbtisam Lale Atahan Sözel Bildiri Ödülü / SSS RADYOTERAPİSİNDE RİSK ALTINDAKİ ORGANLARIN OTOMATİK KONTURLANMASI İÇİN DERİN ÖĞRENME MODELİNİN GELİŞTİRİLMESİ, Türk Radyasyon Onkolojisi Derneği, November 2021
Gungor G., ViewRay Planning Competition Challenge, Viewray User Meeting, March 2019

## Non Academic Experience

Professional Association, Association of Medical Physics, Commision of Audit
Professional Association, Chamber of Physics Engineering, Medikal Fizik İhtisas Komisyonu
2007