

Esil KARA

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EDUCATION

- September 2005 – 2009* Ankara University, Ankara
M.S. in Medical Physics
- September 2000 – 2005* Middle East Technical University (METU), Ankara
B.S. in Physics
- September 1992 – June 2000* Sinop Anatolian High School , Sinop

COURSES AND CERTIFICATES

- September 2015, Research Masterclass İn Radiotherapy Physics, ESTRO
course, Praha-Czech Rebuglic
- May 2013, Basic Clinical Radiobiology Course, ESTRO
course, Poznan-Poland
- March 2011,* Advanced IMRT Planning Course , *ESTRO*
course, Genoa-Italy
- March 2010,* IMRT training course , Hamburg-Germany
- June 2009,* IMRT-IGRT Course, Istanbul-Turkey
- May 2006,* Dose Calculation and Monitor Unit Verification, *ESTRO*
course, Izmir-Turkey

WORK EXPERIENCE

<i>September 2006-present</i>	ONKO Ankara Oncology Center, Ankara
<i>Position</i>	Medical Physicist
<i>Duties and Responsibilities</i>	Daily, weekly and yearly QA's of Linac, Treatment Plannings (IMRT, conformal, complex), Patient specific QAs, Image Fusion During startup; making acceptance tests, taking certificates, doing necessary water phantom measurements and prepare TPS system ready to planning

PUBLICATIONS

BT-PET Görüntü Füzyonunun Radyoterapi Uygulamalarında Kullanılması

Esil KARA¹, Bahar DİRİCAN², Kaan OYSUL³

^{1,3}*Onko Ankara Onkoloji Merkezi, ² Gülhane Askeri Tıp akademisi, Rad. Onk Dep.*
Sözel Sunum, XII. Medikal Fizik Kongresi, 2009, Ankara, Türkiye

The Effect of PET/CT Image Fusion on the Non-small Cell Lung Cancer Patients' Radiotherapy Plannings

Esil KARA¹, Bahar DIRICAN², Kaan OYSUL³

¹*Onko Ankara Oncology Center, ^{2,3} Gülhane Military Medical Academy Radiation Oncology Department,*
Poster, ASTRO, 2010, Chicago, USA

PET/CT Image Fusion in Radiotherapy

Esil KARA¹, Bahar DIRICAN², Kaan OYSUL³

¹*Onko Ankara Oncology Center, ^{2,3} Gülhane Military Medical Academy Radiation Oncology Department,*
Balkan Physics Letter, 2011, 19, 191038, pp. 320-334

Comparing Techniques for IMRT of Nasopharyngeal Carcinoma Using (EUD) and (NTCP) Models

Bahar DİRİCAN¹, Esil KARA²

¹ *Military Medical Academy Radiation Oncology Department, Ankara, Turkey*

² *ONKO Ankara Oncology Center, Ankara, Turkey*

e-Poster , ESTRO, 2012, Barcelona, Spain

The Effect of Photon Energy on the Intensity-modulated Radiation Therapy (IMRT) Plans for Prostate Cancer

Esil KARA¹, Bahar DİRİCAN², Aslı YAZICI³

^{1,3} *Onko Ankara Oncology Center,* ² *Gülhane Military Medical Academy Radiation Oncology Department,*

e-Poster , 2nd ESTRO Forum, 2013, GENEVA, ITALY

The Effect of Image Window Level Adjustments on Auto-Contouring for NSCLC Patient

Aslı YAZICI¹, B.DİRİCAN², E.KARA³,

^{1,3} *Onko Ankara Oncology Center,* ² *Gülhane Military Medical Academy Radiation Oncology Department*

e-Poster , 2nd ESTRO Forum, 2013, GENEVA, ITALY

To Evaluate Radiobiological Effects of Concomitant Boost for Cervical Cancer by Using IMRT Techniques After Break

Aslı YAZICI¹, Esil KARA², Bahar DİRİCAN³,

^{1,2} *Onko Ankara Oncology Center,* ³ *Gülhane Military Medical Academy Radiation Oncology Department,*

Oral Presentation, Turkish Physical Society 30th International Physics Congress, 2-5 Sep. 2013, İstanbul , TURKEY

Prostat Kanseri İçin Yoğunluk Ayarlı Radyoterapi Planlamalarında Foton Enerisinin Etkisi

Esil KARA¹, Bahar DİRİCAN², Aslı YAZICI³

^{1,3} *Onko Ankara Onkoloji Merkezi,* ² *Gülhane Askeri Tıp akademisi, Rad. Onk Dep.*

Sözel Sunum, XIV. Medikal Fizik Kongresi, 2013, Antalya, Türkiye

To Compare Radiation Doses to Carotid Arteries Among Various Radiotherapy Techniques for Early Stage Larynx Cancer

Aslı YAZICI¹, Esil KARA², Bahar DİRİCAN³, Müge AKMANSU⁴

^{1,2} *Onko Ankara Oncology Center,* ³ *Gülhane Military Medical Academy Radiation Oncology Department,* ⁴ *Gazi University Radiation Oncology Department*

Oral Presentation, Turkish Physical Society 31th International Physics Congress, 21-24 Jul. 2014, Bodrum , TURKEY

Eşzamanlı Rekonsrüksiyon Yapılan Vak'alar için Radyoterapi Uygulamaları

Müge AKMANSU¹, Esil KARA², Aslı YAZICI³

¹ GÜTF Rad.Onk.AD, ² ONKO Ankara Onkoloji Merkezi

Poster, İstanbul Meme Konferansı, 2014, İstanbul, Türkiye

A Radiobiological Comparison Between The Inverse Intensity Modulated Radiation Therapy and The Field in Field Intensity Modulated Radiation Therapy for The Treatment of Glioblastoma

Aslı YAZICI¹, Bahar DİRİCAN², Esil KARA³

^{1,3}Onko Ankara Oncology Center, ² Gülhane Military Medical Academy Radiation Oncology Department

Poster, European Association of Neuro-Oncology Meeting ,9-12 Oct. 2014, Turin, ITALY

Dosimetric Comparison of IMRT Simultaneous Integrated Boost With Conventional IMRT Treatment Planning for Head and Neck Cancer

Aslı YAZICI¹, Bahar DİRİCAN², Esil KARA³

^{1,3}Onko Ankara Oncology Center, ² Gülhane Military Medical Academy Radiation Oncology Department

Oral Presentation, International Conference on Computational and Experimental Science and Engineering, 25-29 Oct. 2014 ,Antalya,TURKEY

To Quantify Dosimetric Effects of Adaptive Radiotherapy for Head&Neck Cancer

E. Kara¹, B. Dirican², A. Yazici³

Poster, 5th ICHNO conference, 12-14 Feb. 2015, Nice, France

RELEVANT SKILLS

Office Applications:

MS Word: Advanced

MS Excel: Advanced

MS PowerPoint: Advanced

LANGUAGES

English: Advanced

PERSONAL SKILLS & STRENGTHS

Being well organized and capable of working under pressure, having leadership, analytical thinking and problem solving abilities. Having a sociable, patient, calm and enthusiastic personality

REFERENCES

Available upon request