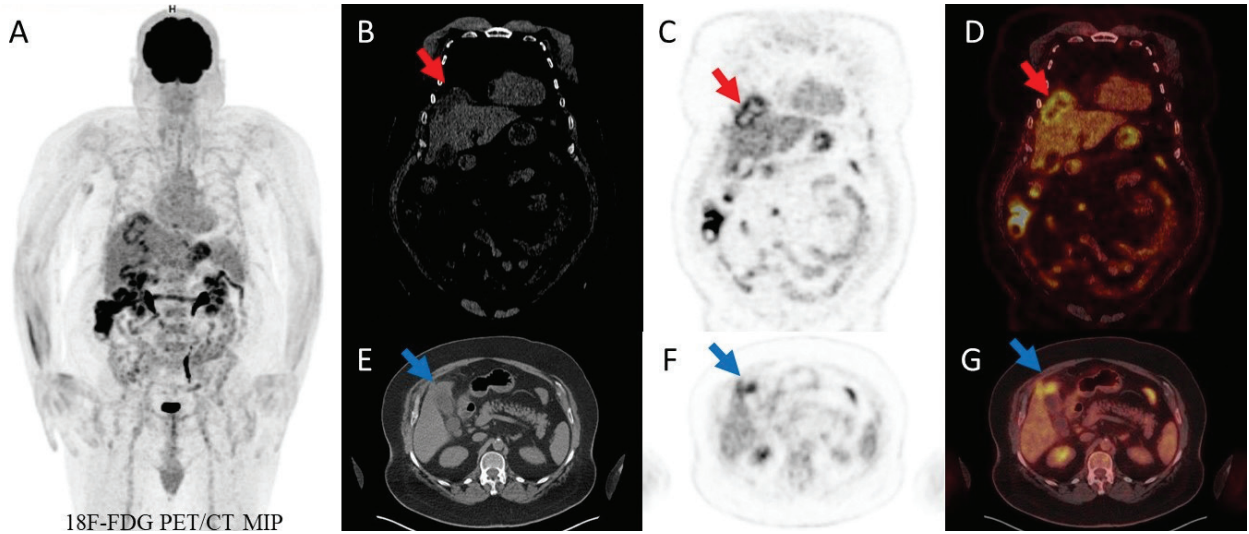




The Owner on Behalf of Turkish Society of Nuclear Medicine

Prof. Murat Fani Bozkurt, MD.
FEBNM Hacettepe University, Medical School,
Department of Nuclear Medicine, Ankara, Türkiye
E-mail: fanibozkurt@gmail.com
ORCID ID: 0000-0003-2016-2624

Publishing Manager

Prof. Murat Fani Bozkurt, MD.
FEBNM Hacettepe University, Medical School,
Department of Nuclear Medicine, Ankara, Türkiye
E-mail: fanibozkurt@gmail.com
ORCID ID: 0000-0003-2016-2624

Editor in Chief

Prof. Murat Fani Bozkurt, MD.
FEBNM Hacettepe University, Medical School,
Department of Nuclear Medicine, Ankara, Türkiye
E-mail: fanibozkurt@gmail.com
ORCID ID: 0000-0003-2016-2624

Associate Editors

Prof. Tanju Yusuf Erdil, MD.
Marmara University Medical School,
Department of Nuclear Medicine, İstanbul, Türkiye
E-mail: yerdil@marmara.edu.tr
ORCID ID: 0000-0002-5811-4321

Prof. Nalan Selçuk, MD.

Yeditepe University, Medical School,
Department of Nuclear Medicine, İstanbul, Türkiye
E-mail: nalanselcuk@yeditepe.edu.tr
ORCID ID: 0000-0002-3738-6491

Statistics Editors

Prof. Gül Ergör, MD.
Dokuz Eylül University, Medical School,
Department of Public Health, İzmir, Türkiye
E-mail: gulergor@deu.edu.tr

Prof. Sadettin Kılıçkap, MD.

Hacettepe University, Medical School,
Department of Preventive Oncology, Ankara, Türkiye
E-mail: skilickap@yahoo.com

English Language Editor

Dr. Didem Öncel Yakar
İstanbul, Türkiye

Scientific Advisory Board

Ayşegül Akgün

Ege University, Medical School, Department of Nuclear Medicine, İzmir, Türkiye

Esma Akın

The George Washington University, Medical School, Department of Diagnostic Radiology, Washington DC, USA

Akram Al-Ibraheem

King Hussein Cancer Center (KHCC), Department of Nuclear Medicine, Amman, Jordan

Claudine Als

Hopitaux Robert Schuman Zitha Klinik, Médecine Nucléaire, Luxembourg

Corinna Altini

Nuclear Medicine Unit, AOU Policlinic of Bari – University of Bari “Aldo Moro”, Bari, Italy

Vera Artiko

Clinical Center of Serbia, Center for Nuclear Medicine, Belgrade, Serbia

Nuri Arslan

University of Health Sciences Türkiye, Gülhane Medical School, Gülhane Training and Research Hospital, Clinic of Nuclear Medicine, Ankara, Türkiye

Lütfiye Özlem Atay

Gazi University Faculty of Medicine, Department of Nuclear Medicine, Ankara, Türkiye

Marika Bajc

Lund University Hospital, Clinic of Clinical Physiology, Lund, Sweden

Lorenzo Biassoni

Great Ormond Street Hospital for Children NHS Foundation Trust, Department of Radiology, London, United Kingdom

Hans Jürgen Biersack

University of Bonn, Department of Nuclear Medicine, Clinic of Radiology, Bonn, Germany

M. Donald Blafox

Albert Einstein College of Medicine, Department of Radiology, Division of Nuclear Medicine, New York, USA.

Patrick Bourguet

Centre Eugène Marquis Department of Nuclear Medicine, Clinic of Radiology, Rennes, France

Murat Fani Bozkurt

FEBNM Hacettepe University, Medical School, Department of Nuclear Medicine, Ankara, Türkiye

A. Cahid Civelek

NIH Clinical Center, Division of Nuclear Medicine, Bethesda, USA

Arturo Chiti

Humanitas University, Department of Biomedical Sciences; Humanitas Clinical and Research Center, Clinic of Nuclear Medicine, Milan, Italy

Josep Martin Comin

Hospital Universitari de Bellvitge, Department of Nuclear Medicine, Barcelona, Spain

Alberto Cuocolo

University of Naples Federico II, Department of Advanced Biomedical Sciences, Napoli, Italy

Tevfik Fikret Çermik

University of Health Sciences Türkiye, İstanbul Training and Research Hospital, Clinic of Nuclear Medicine, İstanbul, Türkiye

Angelika Bischof Delaloye

University Hospital of Lausanne, Department of Radiology, Lausanne, Switzerland

Mustafa Demir

İstanbul University, Cerrahpaşa Medical School, Department of Nuclear Medicine, İstanbul, Türkiye

Hakan Demir

Kocaeli University Medical School, Department of Nuclear Medicine, Kocaeli, Türkiye

Peter Josef Ell

University College Hospital, Institute of Nuclear Medicine, London, United Kingdom

Tanju Yusuf Erdil

Marmara University, Pendik Training and Research Hospital, Clinic of Nuclear Medicine, İstanbul, Türkiye

Türkan Ertay

Dokuz Eylül University, Medical School, Department of Nuclear Medicine, İzmir, Türkiye

Jure Fettich

University Medical Centre Ljubljana, Department for Nuclear Medicine, Ljubljana, Slovenia

Christiane Franzius

Klinikum Bremen Mitte Center, Center for Modern Diagnostics, Bremen, Germany

Lars Friberg

University of Copenhagen Bispebjerg Hospital, Department of Nuclear Medicine, Copenhagen, Denmark

Jørgen Frøkiær

Aarhus University Hospital, Clinic of Nuclear Medicine and PET, Aarhus, Denmark

Maria Lyra Georgosopoulou

University of Athens, 1st Department of Radiology, Aretaieion Hospital, Radiation Physics Unit, Athens, Greece

Gevorg Gevorgyan

The National Academy of Sciences of Armenia, H. Buniatian Institute of Biochemistry, Yerevan, Armenia

Seza Güleç

Florida International University Herbert Wertheim College of Medicine, Departments of Surgery and Nuclear Medicine, Miami, USA

Liselotte Højgaard

University of Copenhagen, Department of Clinical Physiology, Nuclear Medicine and PET, Rigshospitalet, Copenhagen, Denmark

Ora Israel

Tel Aviv University Sackler Medical School, Assaf Harofeh Medical Center, Clinic of Otolaryngology-Head and Neck Surgery, Haifa, Israel

Csaba Juhasz

Wayne State University Medical School, Children's Hospital of Michigan, PET Center and Translational Imaging Laboratory, Detroit, USA

Gamze Çapa Kaya

Dokuz Eylül University, Medical School, Department of Nuclear Medicine, İzmir, Türkiye

Metin Kır

Ankara University, Medical School, Department of Nuclear Medicine, Ankara, Türkiye

Irena Dimitrova Kostadinova

Alexandrovska University Hospital, Clinic of Nuclear Medicine, Sofia, Bulgaria

Lale Kostakoğlu

The Mount Sinai Hospital, Clinic of Nuclear Medicine, New York, USA

Rakesh Kumar

All India Institute of Medical Sciences, Department of Nuclear Medicine, New Delhi, India

Georgios S. Limouris

Athens University, Medical School, Department of Nuclear Medicine, Athens, Greece

Luigi Mansi

Second University of Naples, Medical School, Department of Nuclear Medicine, Naples, Italy

Yusuf Menda

University of Iowa Health Care, Carver College of Medicine, Department of Radiology, Iowa City, USA

Vladimir Obradović

University of Belgrade, Faculty of Organizational Sciences, Department of Human Development Theory, Business Administration, Organizational Studies, Belgrade, Serbia

Zehra Özcan

Ege University Faculty of Medicine, Department of Nuclear Medicine, İzmir, Türkiye

Yekta Özer

Hacettepe University, Faculty of Pharmacy, Department of Radiopharmaceutical, Ankara, Türkiye

Francesca Pons

Hospital Clinic, Clinic of Nuclear Medicine, Barcelona, Spain

Monica Rossleigh

Sydney Children's Hospital, Clinic of Nuclear Medicine, Sydney, Australia

Dragana Sobic Saranovic

University of Belgrade, Medical School, Departments of Radiology, Oncology and Cardiology, Belgrade, Serbia

Mike Sathekge

University of Pretoria, Steve Biko Academic Hospital, Department of Nuclear Medicine, Pretoria, South Africa

Kerim Sönmezoğlu

İstanbul University, Cerrahpaşa Medical School, Department of Nuclear Medicine, İstanbul, Türkiye

Zsolt Szabo

The Johns Hopkins Hospital, Divisions of Radiology and Radiological Science, Baltimore, USA

Istvan Szilvasi

Semmelweis University, Medical School, Department of Nuclear Medicine, Budapest, Hungary

Berna Okudan Tekin

Ankara Numune Trainig and Research Hospital, Clinic of Nuclear Medicine, Ankara, Türkiye

Mathew L. Thakur

Thomas Jefferson University, Department of Radiology, Pennsylvania, USA

Bülent Turgut

Cumhuriyet University, Medical School, Department of Nuclear Medicine, Sivas, Türkiye

Turgut Turoğlu

Marmara University, Medical School, Department of Nuclear Medicine, İstanbul, Türkiye

Gülün Uçmak

University of Health Sciences Türkiye, Ankara Oncology Training and Research Hospital, Clinic of Nuclear Medicine, Ankara, Türkiye

Doğangün Yüksel

Pamukkale University, Medical School, Department of Nuclear Medicine, Denizli, Türkiye

Turkish Society of Nuclear Medicine

Cinnah Caddesi Pilot Sokak No: 10/12 Çankaya 06650 Ankara, Türkiye Phone: +90 312 441 00 45 Fax: +90 312 441 12 95 Web: www.tsnm.org E-mail: dernekmerkezi@tsnm.org

"Formerly Turkish Journal of Nuclear Medicine"

Reviewing the articles' conformity to the publishing standards of the Journal, typesetting, reviewing and editing the manuscripts and abstracts in English, creating links to source data, and publishing process are realized by Galenos.

**Publisher Contact**

Address: Molla Gürani Mah. Kaçamak Sk. No: 21/1 34093 İstanbul, Türkiye

Phone: +90 (530) 177 30 97 / +90 539 307 32 03

E-mail: info@galenos.com.tr/yayin@galenos.com.tr

Web: www.galenos.com.tr

Publisher Certificate Number: 14521

Online Publication Date: February 2024

ISSN: 2146-1414 E-ISSN: 2147-1959

International scientific journal published quarterly.

MIRT

Molecular Imaging and Radionuclide Therapy

Please refer to the journal's webpage (<https://mirt.tsnmjournals.org/>) for "Aims and Scope", "Instructions to Authors" and "Ethical Policy".

The editorial and publication process of Molecular Imaging and Radionuclide Therapy are shaped in accordance with the guidelines of ICMJE, WAME, CSE, COPE, EASE, and NISO. The journal is in conformity with the Principles of Transparency and Best Practice in Scholarly Publishing.

Molecular Imaging and Radionuclide Therapy is indexed in **Pubmed, Pubmed Central (PMC), Emerging Sources Citation Index (ESCI), TUBITAK-ULAKBIM, Scopus, Gale/Cengage Learning, EBSCO databases, ProQuest Health & Medical Complete, CINAHL, Embase, J-Gate, IdealOnline, Türkiye Atıf Dizini-Türkiye Citation Index, Turk Medline, Hinari, GOALI, ARDI, OARE, AGORA** and **CNKI**.

The journal is published electronically.

Owner: Murat Fani Bozkurt on Behalf of Turkish Society of Nuclear Medicine

Responsible Manager: Murat Fani Bozkurt



CONTENTS

Original Articles

- 1** Role of ^{18}F -FCH PET/CT in Detecting Recurrences of Prostate Cancer After Curative Treatments
Küratif Tedavilerden Sonra Prostat Kanseri Nükslerinin Tespitinde ^{18}F -FCH PET/CT'nin Rolü
Corinna Altini, Artor Niccoli Asabella, Francesco Tramacere, Angela Sardaro, Antonio Rosario Pisani, Alessandra Castelluccia, Dino Rubini, Cristina Ferrari; Bari, Brindisi, Italy
- 11** The Added-value of Staging ^{18}F -FDG PET/CT in the Prediction of Overall Survival in the Patients with Bladder Cancer
Mesane Kanseri Hastalarında Evreleme ^{18}F -FDG PET/CT'nin Genel Sağkalımı Öngörmeye Katkısı
Seda Gülbahar Ateş, Bedriye Büşra Demirel, Halil Başar, Gülin Uçmak; Çorum, Ankara, Türkiye
- 19** Evaluation of the Relationship Between Mobile Phone Usage and miRNA-574-5p and miRNA-30C-5p Levels in Thyroid Cancer Patients
Tiroid Kanseri Hastalarında Cep Telefonu Kullanımı ile miRNA-574-5p ve miRNA-30C-5p Düzeyleri Arasındaki İlişkinin Değerlendirilmesi
Zekiye Hasbek, Ayça Taş, Seyit Ahmet Ertürk, Barış Sarıakçalı, Özge Ulaş Babacan, Gülhan Duman, Yavuz Siliğ; Sivas, Trabzon, Tokat, Adana, Türkiye
- 28** Care Pathway at a Cancer Center for the Administration of Radiometabolic Therapy with ^{177}Lu -PSMA in Patients with Metastatic Castration-resistant Prostate Cancer
Metastatik Kastrasyona Dirençli Prostat Kanseri Hastalarında ^{177}Lu -PSMA ile Radyometabolik Tedavinin Uygulanmasına Yönelik Kanser Merkezinde Bakım Yolu
Carlos Avila, Tatiana Cadavid, Maria Cristina Martínez, Humberto Varela, Nathalie Hernández-Hidalgo; Bogotá, Colombia
- Interesting Images**
- 38** Metastatic Superscan in ^{18}F PSMA PET/CT of a Patient with Prostate Carcinoma
Prostat Karsinomu Olan Bir Hastanın ^{18}F PSMA PET/CT'sinde Metastatik Superscan
Man Mohan Singh, Shashwat Verma, Lavish Kakkar, Satyawati Deswal, Priyamedha Bose Thakur; Lucknow, India
- 40** Bone and Parathyroid Scintigraphy Findings in Sagliker Syndrome
Sağlıker Sendromunda Kemik ve Paratiroid Sintigrafisi Bulguları
Çağlaçül Erol, Özlem Şahin, Ahmet Eren Şen, Zeynep Aydın; Konya, Kastamonu, Türkiye
- 43** Two Rare Benign Lesions on ^{18}F -FDG PET/CT: Peliosis Hepatis and SANT
 ^{18}F -FDG PET/CT'de Saptanan İki Nadir Benign Lezyon: Peliosis Hepatis ve SANT
Ediz Beyhan, Ahu Senem Demiröz, İbrahim Taşkın Rakıcı, Tevfik Fikret Çermik, Esra Arslan; İstanbul, Türkiye
- 47** Detection of Rare Gallbladder Microperforation by ^{18}F -FDG PET/CT in a Patient with Maxillary Sinus Cancer
Maksiller Sinüs Kanseri Hastada Nadir Görülen Safra Kesesi Mikroperforasyonunun ^{18}F -FDG PET/CT ile Saptanması
Zehranur Tosunoğlu, Selim Doğan, Ceyda Turan Bektaş, Tevfik Fikret Çermik, Esra Arslan; İstanbul, Türkiye
- 50** ^{18}F -FDG PET/CT Imaging for Treatment Response Assessment of Cardiac Primitive Neuroectodermal Tumor
Kardiyak Primitif Nöroektodermal Tümörde Tedavi Yanıtı Değerlendirmede ^{18}F -FDG PET/CT
Mehmet Emin Mavi, Murat Fani Bozkurt; Ankara, Türkiye
- 54** ^{68}Ga Prostate-specific Membrane Antigen Uptake in Metastatic Medullary Thyroid Carcinoma
Metastatik Medüller Tiroid Kanseriinde ^{68}Ga Prostat-spesifik Membran Antijen Tutulumu
Kübra Şahin, Ali Kibar, Cansu Güneren, Muhammet Sait Sağer, Kerim Sönmezoğlu; İstanbul, Türkiye

CONTENTS

- 57** Atypical Presentation of Metastatic Castrate-resistant Prostate Cancer in a Middle Aged African Male with Good Response to Radioligand Therapy
Radyoligand Tedavisine İyi Yanıt Veren Orta Yaşlı Afrikalı Bir Erkekten Metastatik Kastrasyon Dirençli Prostat Kanserinin Atipik Prezantasyonu
Osayande Evbuomwan, Walter Endres, Tebatso Tebeila, Gerrit Engelbrecht; Bloemfontein, South Africa
- 63** Exceptionally Rare Isolated Thyroidal Metastasis of Pulmonary Carcinosarcoma: A Tale of ^{18}F -FDG-positive Thyroid Nodule
Pulmoner Karsinosarkomun Son Derece Nadir İzole Tiroid Metastazi: Bir ^{18}F -FDG Pozitif Tiroid Nodülü Öyküsü
Mehmet Emin Mavi, Fariba Amini, Seyfettin Ilgan; Karaman, Ankara, Türkiye
- Letter to the Editor**
- 66** About the Article Titled “A Different Scintigraphic Perspective on the Systolic Function of the Left Ventricle-1”
“Sol Ventrikül Sistolik Fonksiyonuna Sintigrafik Olarak Farklı Bir Bakış Açısı-1” Başlıklı Makale Hakkında
Cengiz Taşçı; İzmir, Türkiye