



ISTANBUL TIP DERGİSİ

VOLUME 25 • ISSUE 2 • May 2024

Original Articles

Number of Images for Internal Dosimetry

Bilal Kovan. İstanbul, Turkey

Vitamin B12, Folic Acid with Leukemia Emir and Suyanı. İstanbul, Adana, Turkey

Bioresonance Therapy Marakoğlu et al. Konya, Turkey

Sarcopenia and Respiratory Functions in Patients with COPD
Kara et al. İstanbul, Turkey

COVID-19 Diagnosis and Fecal PCR Sarıkaya et al. İstanbul, Ankara, Turkey

Diurnal Variations and Doppler Examinations

Tekin and Öcal. İstanbul Turkey

Effects of Cortical Windows on the Femur Özmen et al. İstanbul, Turkey

Resident Doctors' Depression Levels Gücüyener et al. İstanbul, Turkey; Kyrenia, Turkish Republic of Northern Cyprus Coronary Calcium Score and Biochemical Parameters

Gültürk et al. İstanbul, Turkey

Liver Elastography in Pediatric Type 1 Diabetes

Düzkalır et al. İstanbul, Turkey

Thyroid Function in Chronic Kidney Disease

Demir et al. İstanbul, Turkey

Coronary Artery Bypass Graft Surgery Emir et al. Erzincan, Giresun, İstanbul, Turkey

Evaluation of Patients with RAS: Etiology Serin et al. İstanbul, Turkey

Ketamine as a Supplementary Analgosedative in ARDS Patients Baltalı et al. İstanbul, Turkey

Inflammation Parameters in Acute Kidney Injury Demiröz et al. Malatya, Turkey





Owned by on behalf of the University of Health Sciences Turkey, İstanbul Training and Research Hospital

Mehmet TOPTAŞ

Executive Editor

Feray AKBAŞ

Editor in Chief

Feray AKBAŞ

Department of Internal Medicine, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Associate Editors

Turgut KARABAĞ

Department of Cardiology, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Serkan SARI

Department of General Surgery, University of Health Sciences Turkey, Başakşehir Çam and Sakura Training and Research Hospital, İstanbul, Turkey

Özgür DİKME

Department of Emergency Medicine, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Ali CETİN

Department of Obstetrics and Gynecology, Division of Perinatology, University of Health Sciences Turkey, Hasek Training and Research Hospital, İstanbul, Turkey

Seda TURAL ÖNÜR

Department of Chest Diseases, University of Health Sciences Turkey, Yedikule Chest Diseases and Thoracic Surgery Training and Research Hospital, Istanbul, Turkey

Owner

Mehmet TOPTAŞ

Department of Anesthesiology and Reanimation, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Publishing Manager

Esra KARABAL ARDA

Specialist of Traditional and Complementary, University of Health Sciences Turkey, İstanbul Training and Research Hospital. İstanbul. Turkey

2) galenos

Publisher Contact

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

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 **Publication Date:** May 2024 **ISSN:** 2619-9793 **E-ISSN:** 2148-094X

International periodical journal published four times in a year. \\



Advisory Board

Emergency Medicine

Özgür DİKME

Department of Emergency Medicine, University of Health Sciences Turkey, Istanbul Training and Research Hospital, Istanbul, Turkey

Özlem DİKME

Department of Emergency Medicine, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Family Medicine

Zuhal AYDAN SAĞLAM

Department of Family Medicine, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Yalçın HACIOĞLU

Department of Family Medicine, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Anesthesiology and Reanimation

Mehmet TOPTAŞ

Department of Anesthesiology and Reanimation, University of Health Sciences Turkey, Istanbul Training and Research Hospital, Istanbul, Turkey

Kazım KARAASLAN

Department of Anesthesiology and Reanimation, Bezmialem Vakif University Faculty of Medicine, İstanbul, Turkey

Murat HALİLOĞLU

Department of Anesthesiology and Reanimation, Marmara University of Faculty of Medicine, İstanbul, Turkey

Ali Fuat ERDEM

Department of Anesthesiology and Reanimation, Sakarya University Faculty of Medicine, Sakarya, Turkey

Oktay DEMİRKIRAN

Department of Anesthesiology and Reanimation, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Turkey

Veysel ERDEN

Department of Anesthesiology and Reanimation, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Antonio M. ESQUÍNAS

Intensive Care Unit and Non Invasive Ventilatory Unit, Hospital Morales Meseguer. Murcia. Spain

Fatma Yeşim Abut

Department of Anesthesiology and Reanimation, University of Health Sciences Turkey, İstanbul Training and Research Hospital İstanbul, Turkey

Neurosurgery

Nuriye Güzin ÖZDEMİR

Department of Neurosurgery, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Okan TÜRK

Department of Neurosurgery, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Pediatrics

Özben CEYLAN

Department of Pediatrics, Pediatric Cardiology, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Murat ELEVLİ

Department of Pediatrics, University of Health Sciences Turkey, istanbul Haseki Training and Research Hospital Istanbul Turkey.

Öner ÖZDEMİR

Department of Pediatrics, Division of Pediatric Allergy and Immunology, Sakarya University Faculty of Medicine, Sakarya, Turkey

Kenan BARUT

Department of Pediatrics, Division of Pediatric Rheumatology Istanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine Istanbul Turkey

Hande KIZILOCAK

Department of Pediatrics, Children's Hospital Los Angeles Research Scientist, Los Angeles, United States of America

Pediatric Surgery

Ali İhsan DOK<u>UCU</u>

Department of Pediatric Surgery, Prof. Dr. Cemil Taşçıoğlu City Hospital. İstanbul. Turkev



Yunus SÖYLET

Department of Pediatric Surgery, Division of Urology, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul Turkey

Pediatric Cardiovascular Surgery

Ali Can HATEMİ

Department of Pediatric Cardiovascular Surgery, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital İstanbul, Turkey

Dermatology

Ayşe Esra KOKU AKSU

Department of Dermatology, University of Health Sciences Turkey Istanbul Training and Research Hospital, Istanbul, Turkey

Mehmet Salih GÜREL

Department of Dermatology, İstanbul Medeniyet University Faculty of Medicine, İstanbul, Turkey

Infectious Diseases and Clinical Microbiology

Nagehan Didem SARI

Department of Infectious Diseases and Clinical Microbiology, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Mustafa YILDIRIM

Department of Infectious Diseases and Clinical Microbiology, University of Health Sciences Turkey, Istanbul Training and Research Hospital Istanbul Turkey

Naim MAHROUM

Department of Infectious Diseases and Clinical Microbiology, Tel Aviv University Faculty of Medicine Tel Aviv, Israil

Physical Medicine and Rehabilitation

Ebru AYTEKİN

Department of Physical Medicine and Rehabilitation, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul. Turkey

Nalan ÇAPAN

Department of Physical Therapy and Rehabilitation, İstanbu University, İstanbul Faculty of Medicine, İstanbul, Turkey

General Surgery

Serkan SARI

Department of General Surgery, University of Health Sciences Turkey, Başakşehir Çam and Sakura Training and Research Hospital. İstanbul. Turkey

Mert Mahzuni SEVİNÇ

Department of General Medicine, University of Health Science Turkey, İstanbul Training and Research Hospital, İstanbul Turkey

Ufuk Oğuz İDİZ

Department of General Medicine, University of Health Science Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Hasan ÖKMEN

Department of General Medicine, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Gürhan ÇELİK

Department of General Medicine, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Chest Diseases

Erdoğan CETİNKAYA

Department of Chest Diseases, University of Health Sciences Turkey, Yedikule Chest Diseases and Thoracic Surgery Training and Research Hospital, İstanbul, Turkey

Seda TURAL ÖNÜR

Department of Chest Diseases, University of Health Sciences Turkey, Yedikule Chest Diseases and Thoracic Surgery Training and Research Hospital, Istanbul, Turkey

Sedat ALTIN

Department of Chest Diseases, University of Health Sciences Turkey, Yedikule Chest Diseases and Chest Surgery Training and Research Hospital, İstanbul, Turkey

Alexandru CORLATEANU

Department of Chest Diseases, State University of Medicine and Pharmacy, Moldova



ISTANBUL TIP DERGÍSÍ

Chest Surgery

Kemal KARAPINAR

Department of Chest Surgery, University of Health Sciences Turkey, İstanbul Yedikule Pulmonary Diseases and Thoracic Surgery Training and Research Hospital, İstanbul, Turkey

Levent CANSEVER

Department of Chest Surgery, University of Health Sciences Turkey, Yedikule Chest Diseases and Chest Surgery Training and Research Hospital, İstanbul, Turkey

Eye Diseases

Özen AYRANCI

Department of Eye Diseases, University of Health Sciences Turkey, istanbul Training and Research Hospital, istanbul, Turkey

Vusuf VII DIRIM

Department of Ophthalmology, University of Health Sciences Turkey, İstanbul Beyoğlu Eye Training and Research Hospital, İstanbul, Turkey

Public Health

Elif ALTUNDAS HATMAN

Department of Public Health, University of Health Sciences Turkey, Yedikule Chest Diseases and Thoracic Surgery Training and Research Hospital, Istanbul, Turkey

Sibel SAKARYA

Department of Public Health, Koç University Faculty of Medicine Istanbul, Turkey

Aleksandar VISNJIC

Department of Public Health, Division of Health Management University of Nis Faculty of Medicine, Nis, Serbia

Internal Medicine

Feray AKBAS

Department of Internal Medicine, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Hanife USTA ATMACA

Department of Internal Medicine, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Mehmet Emin PİŞKİNPAŞA

Department of Internal Medicine, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Füsun ERDENEN

Department of Internal Medicine, Division of Immunology, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Savaş ÖZTÜRK

Department of Internal Medicine, Division of Nephrology, istanbul University, Istanbul Faculty of Medicine, Istanbul, Turkey

Dragan MiCiC

Department of Internal Medicine, Division of Endocrinology, University of Belgrade, Belgrade, Serbia

Obstetrics and Gynaecology

Ali CETİN

Department of Obstetrics and Gynaecology, Division of Perinatology, University of Health Sciences Turkey, Haseki Training and Research Hospital, İstanbul, Turkey

Askın DOĞAN

Department of Gynecology, Gynecologic Oncology, Perinatal Medicine, Agaplesion Allgemeines Krankenhaus Hagen, Training and Research Hospital from Ruhr University Bochum, Germany

Emre Sinan GÜNGÖR

Department of Obstetrics and Gynaecology, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Gülşah İLHAN

Department of Obstetrics and Gynaecology, University of Health Sciences Turkey, Istanbul Training and Research Hospital, Istanbul, Turkey

Işık KABAN

Department of Obstetrics and Gynaecology, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Cardiovascular Surgery

Oruç Alper ONK

Department of Cardiovascular Surgery, Erzincan Binali Yildirim

Cardiology

Turgut KARABAĞ

Department of Cardiology, University of Health Sciences Turkey Istanbul Training and Research Hospital Istanbul Turkey

Mehmet Mustafa CAN

Department of Cardiology, University of Health Sciences Turkey, İstanbul Haseki Training and Research Hospital, İstanbul, Turkey



Matteo CAMELI

Otorhinolaryngology

Özgür YİĞİT

Department of Otorhinolaryngology, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Reșit Murat AÇIKALIN

Department of Otorhinolaryngology, University of Health Sciences Turkey, İstanbul Haseki Training and Research Hospital, İstanbul, Turkey

Neurology

Ufuk Emre TOPRAK

Department of Neurology, University of Health Sciences Turkey, Yedikule Chest Diseases and Thoracic Surgery Training and Research Hospital, İstanbul, Turkey

Nuclear Medicine

Tevfik Fikret ÇERMİK

Turkey, Istanbul Training and Research Hospital, Istanbul,

Orthopedics and Traumatology

Yusuf ÖZTÜRKMEN

Department of Orthopedics and Traumatology, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Yunus ATICI

Department of Orthopedics and Traumatology, University of Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Mehmet Fatih KORKMAZ

Esra ÇİRCI ÖZYÜREK

Health Sciences Turkey, İstanbul Training and Research Hospital, İstanbul, Turkey

Plastic, Reconstructive and Aesthetic Surgery

Oğuz CETİNKALE

Department of Plastic, Reconstructive and Aesthetic Surgery, İstanbul University-Cerrahpaşa Cerrahpaşa Faculty of Medicine,

Psychiatry

Mihriban DALKIRAN

Department of Psychiatry, Haydarpaşa Numune Training and Research Hospital, İstanbul, Turkey

Radiation Oncology

Özlem MERMUT

Radiology

Abdullah Soydan MAHMUTOĞLU

Department of Radiology, University of Health Sciences Turkey, Istanbul Training and Research Hospital, Istanbul, Turkey

Özgür KILICKESMEZ

Medical Biochemistry

Berrin BELCİK İNAL

Medical Pathology

Halide Nur ÜRER

Department of Medical Pathology, Yedikule Chest Diseases and Thoracic Surgery Training and Research Hospital, İstanbul, Turkey

Urology

Ali İhsan TAŞÇI

Mahmut Gökhan TOKTAŞ

Department of Urology, University of Health Sciences Turkey, istanbul Training and Research Hospital, İstanbul, Turkey

Hikmet KÖSEOĞLU



Please refer to the journal's webpage (https://istanbulmedicaljournal.org/) for "About Us" and "Instructions to Authors".

The İstanbul Medical Journal and/or its editors are members of ICMJE, COPE, WAME, CSE and EASE, and follow their recommendations.

The İstanbul Medical Journal is indexed in **Web of Science-Emerging Sources Citation Index, EBSCO, Gale, TUBITAK ULAKBIM TR Index, ProQuest, Embase, Türk Atif Dizini, Türk Medline, DOAJ, Ardi, Hinari, Goali, Oare, CAB International (CABI)** and **J-GATE**.

The journal is published online.

Owner: Istanbul Training and Research Hospital

Responsible Manager: Feray Akbaş



CONTENTS

Original Articles

- 89 Determination of Optimum Imaging Numbers for ¹⁷⁷Lu-PSMA Radionuclide Treatment Dosimetric Calculation Bilal Kovan; İstanbul, Turkey
- The Association of Vitamin B12 and Folic Acid Levels with the Effects of Induction Chemotherapy in Acute Leukemia Patients
 Servet Emir, Elif Suyanı; İstanbul, Adana, Turkey
- 99 Bioresonance Therapy for Smoking Cessation
 Kamile Marakoğlu, Duygu İlke Yıldırım, Bahar Ürün Ünal; Konya, Turkey
- 105 Relationship between Sarcopenia and Respiratory Functions in Geriatric Male COPD Patients Kaan Kara, Seda Tural Onur, Fatma Tokgöz Akyıl, Hülya Abalı, Sinem Sökücü; İstanbul, Turkey
- 110 Comparison of COVID-19 RT-PCR-Positive Patients in Oro-Nasopharynx Samples with RT-PCR Results in Simultaneous Stool Samples, Prospective Study

Burak Sarıkaya, Rıza Aytaç Çetinkaya, Betül Doğantekin, Soner Yılmaz, Yüksel Akkaya, Başak Çakır Güney, Eriş Özkan, Merve Tanır Kırsoy, Vahibe Aydın Sarıkaya, Mustafa Kaplan; İstanbul, Ankara, Turkey

Diurnal Variation of Fetomaternal Doppler and Fetal Cardiac Function Parameters in the Hospitalized Pregnancies: A Cross-Sectional Study

Sinem Tekin, Aydın Öcal; İstanbul, Turkey

- 121 Quantitative Analysis of the Weakening Effect of Cortical Windows in Non-Osteoporotic and Osteoporotic Proximal Femurs
 Emre Özmen, Serdar Yüksel, Esra Circi, Alican Barıs, Ozan Beytemür; İstanbul, Turkey
- 127 Determination of Depression Levels and Affecting Factors of the Residents in a Training Hospital

 Mehmet Bünyamin Gücüyener, Hakan Topaçoğlu, Özlem Dikme, Belkıs Güllü Gücüyener; İstanbul, Turkey; Kyrenia, Turkish Republic of Northern Cyprus
- 132 Comparison of Coronary Artery Calcium Score and Serum Calcium, Phosphorus, and Gamma-Glutamyl Transferase Levels in Patients with Coronary Artery Imaging by Multi-Sectional Computed Tomography with Chronic Ischemic Heart Disease Prediagnosis likay Gültürk, Gülru Birce Sönmezöz, Sema Aksoy, Hayri Polat; Istanbul, Turkey
- 137 Features of the Liver Sonoelastography Findings in Patients with Type 1 Diabetes Mellitus in Childhood Hanife Gülden Düzkalır, Elif Söbü, Rıdvan Dizman, Ömer Aydıner; İstanbul, Turkey
- 143 Correlation Between Albuminuria and Thyroid Function in Patients with Chronic Kidney Disease Ömer Demir, Sibel Gülçiçek, Burcu Hacıoğlu, Zuhal Aydan Sağlam; İstanbul, Turkey
- 151 Comparison of Postoperative Anxiety, Depression, Somatization, and Somatosensory Perception Levels of Patients After Off-Pump and On-Pump Coronary Artery Bypass Graft Surgery
 izzet Emir, Meltem Hazel Şimşek, Nurten Arslan Işık, Oruç Alper Onk; Erzincan, Giresun, İstanbul, Turkey
- 158 Etiological Evaluation and Mortality of Patients with Renal Artery Stenosis: A Single-Center Experience Istemi Serin, Sinan Trabulus, Nurhan Seyahi; Istanbul, Turkey
- Ketamine as a Supplementary Analgosedative in COVID-19 Patients on Mechanical Ventilation: A Single-Center Observational Study Sevim Baltalı, Murat Haliloğlu, Ayşe Nur Soytürk, Veysel Erden, Mehmet Toptaş; İstanbul, Turkey
- 170 Can Preoperative Parameters of Inflammation be Used to Predict Acute Kidney Injury in Pediatric Liver Transplant Recipients? A Single-Center Retrospective Study

Duygu Demiröz, Oya Olcay Özdeş, Yusuf Ziya Çolak, Mehmet Ali Erdoğan, Tuğçe Gazioğlu, Serdar Karakaş, Sevgi Demiröz Taşolar, Neslihan Altunkaya Yağcı, Nurçin Gülhas; Malatya, Turkey