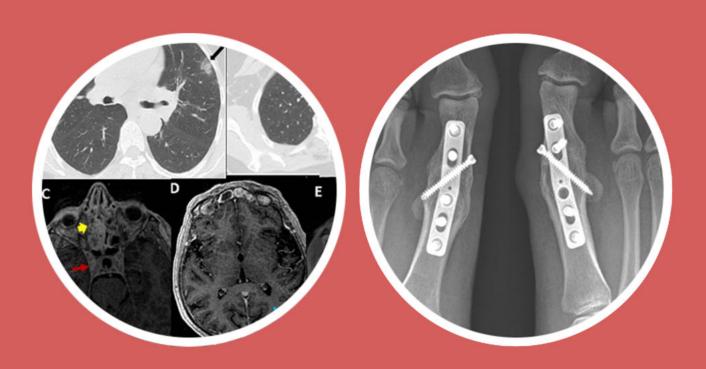


Volume 8 · Issue 1 · January 2022

e-ISSN: 2149-3189

European Research Journal





The European Research Journal

Aim and Scope

The European Research Journal (EuRJ) is an international, independent, double-blind peer reviewed, Open Access and online publishing journal, which aims to publish papers on all the related areas of basic and clinical medicine.

Editorial Board of the European Research Journal complies with the criteria of the International Council of Medical Journal Editors (ICMJE), the World Association of Medical Editors (WAME), and Committee on Publication Ethics (COPE).

The journal publishes a variety of manuscripts including original research, case reports, invited review articles, technical reports, how-to-do it, interesting images and letters to the editor. The European Research Journal has signed the declaration of the Budapest Open Access Initiative. All articles are detected for similarity or plagiarism. Publication language is English. The journal does not charge any article submission or processing charges.

EuRJ recommends that all of our authors obtain their own ORCID identifier which will be included on their article.

The journal is published bimonthly (January, March, May, July, September, and November).

Abstracting and Indexing

The journal is abstracted and indexed with the following: ULAKBIM TR Index (ULAKBİM TR DİZİN), NLM Catalog (NLM ID: 101685727), Google Scholar (h-index: 7), Index Copernicus (ICV 2020: 100), EMBASE, ProQuest Central, ROAD, SciLit, MIAR (ICDS 2021: 3.8), J-Gate, SHERPA/RoMEO, BASE, EZB, CrossRef, JournalTOCs, WorldCat, TURK MEDLINE, Turkish Citation Index, EuroPub, OpenAIRE, ResearhGate, SOBIAD, Publons, (Clarivate Web of Science).



Publisher

The European Research Journal (EuRJ)
The Association of Health Research & Strategy
Kırcaali Mah. Fevziçakmak Cd. Göktaş İş Mrk.
Kat:3 No:62/12
Osmangazi/BURSA-TURKEY
www.dergipark.org.tr/eurj/



e-ISSN: 2149-3189

The European Research Journal, hosted by Turkish JournalPark ACADEMIC, is licensed under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License.



EDITORIAL BOARD

EDITOR-IN-CHIEF

Senol YAVUZ, MD,

Professor,

University of Health Sciences, Bursa Yuksek Ihtisas Training and Research Hospital,
Department of Cardiovascular Surgery,
Bursa, Turkey,

MANAGING EDITORS

Nizameddin KOCA, MD,

Associate Professor,
University of Health Sciences, Bursa Yuksek Ihtisas Training & Research Hospital,
Department of Internal Medicine,
Bursa, Turkey

Soner CANDER, MD

Associate Professor, Uludag University Medical School, Department of Endocrinology & Metabolism Bursa, Turkey

FOUNDING EDITOR

Rustem ASKIN, MD,

Professor of Psychiatry
Istanbul Ticaret University, Department of Psychology

EDITORIAL ASSISTANT

Ugur BOLUKBAS

EDITORS

Omer SENORMANCI, MD

Associate Professor,
University of Health Sciences, Bursa Yuksek Ihtisas Training & Research Hospital,
Department of Psychiatry,
Bursa, Turkey

Mahmut Kalem, MD,

Associate Professor,
Ankara University Medical School,
Department of Orthopedics and Traumatology,
Ankara, Turkey

Meliha KASAPOGLU AKSOY, MD

Associate Professor,

University of Health Sciences, Bursa Yuksek Ihtisas Training and Research Hospital, Department of Physical Therapy & Rehabilitation,

Bursa, Turkey

Burcu DİNÇGEZ, MD

Associate Professor,

University of Health Sciences, Bursa Yuksek Ihtisas Training and Research Hospital,
Department of Gynecology and Obstetrics,

Bursa, Turkey

Arda ISIK, MD

Associate Professor,
Medeniyet University School of Medicine,
Department of General Surgery,
Istanbul, Turkey

Melih CEKINMEZ, MD

Professor.

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

Kadir Kaan OZSIN, MD

Associate Professor,

University of Health Sciences, Bursa Yuksek Ihtisas Training and Research Hospital,
Department of Cardiovascular Surgery,

Bursa, Turkey

Nurullah DOGAN, MD,

Associate Professor, Doruk Medical Center, Department of Radiology, Bursa, Turkey

Alper KARAKUS, MD

Associate Professor,

University of Health Sciences, Bursa Yuksek Ihtisas Training and Research Hospital, Department of Cardiology,

Bursa, Turkey

Onur KAYGUSUZ, MD.,

Associate Professor, Uludag University School of Medicine, Department of Urology, Bursa, Turkey

Koray AYAR, MD

Associate Professor,

University of Health Sciences, Bursa Yuksek Ihtisas Training and Research Hospital, Department of Rheumatology,

Bursa, Turkey

Muzaffer DEMIR, MD

Professor,
Trakya University School of Medicine,
Department of Hematology,
Edirne, Turkey

Gokhan OCAKOGLU, Ph.D.,

Associate Professor,
Uludag University School of Medicine,
Department of Biostatistics,
Bursa, Turkey

INTERNATIONAL EDITORIAL BOARD MEMBERS

Ahmet KIZILAY, MD

Professor, Inönü University School of Medicine, Department of Otorhinolaryngology, Malatya, Turkey

Aron Frederik POPOV, MD

Professor,
University of Frankfurt,
Department of Cardiothoracic Surgery,
Frankfurt, Germany

Cristina FLORESCU, MD

Associate Professor, University of Craiova, Department of Medicine & Pharmacy, Romania

Elif EKINCI, MD

MBBS, FRACP, PhD University of Melbourne Department of Medicine, Melbourne, Australia

Essam M MAHFOUZ, MD

Professor,
University of Mansoura School of Medicine
Department of Cardiology,
Mansoura, Egypt

Francesco CARELLI, MD

Professor,
University of Milan School of Medicine,
Department of Family Medicine,
Milan, Italy

Gary TSE, MD, PhD

Assistant Professor,
The Chinese University of Hong Kong,
Department of Medicine and Therapeutics,
Hong Kong, China

Kendra J. GRUBB, MD, MHA, FACC

Assistant Professor, Emory University School of Medicine, Department of Cardiovascular Surgery, Atlanta, GA, USA

Nader D NADER, MD

Professor,
University of Buffalo School of Medicine
Department of Anesthesiology,
NY, USA

Sait Ait BENALI, MD

Professor,
Cadi Ayyad University School of Medicine,
Department of Neurosurgery,
Marrakech, Morocco

Sedat ALTIN, MD

Professor,
University of Health Sciences, Yedikule Training & Research Hospital,
Department of Chest Diseases,
Istanbul, Turkey

Semih HALEZEROGLU, MD, FETCS

Professor,
Acibadem University School of Medicine,
Department of Thoracic Surgery,
Istanbul, Turkey

Veysel TAHAN, MD, FACP, FACG, FESBGH

Assistant Professor, University of Missouri, Division of Gastroenterology and Hepatology, Columbia, Missouri, USA

Yenal DUNDAR, MD

Consultant Psychiatrist
Central Queensland Hospital and Health Service,
QLD, Australia

Table of Contents

Original Articles

1. A retrospective investigation of the effect of tranexamic acid application and tourniquet duration on postoperative bleeding amount in patients undergoing total knee arthroplasty Mustafa Onur KARACA, Abdullah MERTER, Kerem BAŞARIR, Mehmet Bahaddin GÜZEL	1-8
2. The paraoxonase 1 activity and lipid levels in umbilical cord blood and maternal venous blood, and their relations according to birth weight Berrin Göktuğ KADIOĞLU ,Aysel NALÇAKAN, Esra DİLEK	9-15
3. Evaluation of the correlation between perfusion index and prognosis in patients with chronic obstructive pulmonary disease Mehmet DEMİR, Basar CANDER, Barış Murat AYVACI	16-23
4. The quality of life of the elderly is negatively affected by pertrochanteric femoral fractures: a comparative study Yüksel Uğur YARADILMIŞ, Mustafa Caner OKKAOGLU, Erdi ÖZDEMİR, Ahmet ATEŞ, İsmail DEMİRKALE, Murat ALTAY	24-30
5. The response to double-dose hepatitis B vaccination in patients with HIV Melda TURKEN Tuba TATLI KIŞ Sabri ATALAY Şükran KÖSE	31-36
6. Rubella immunity in native Turkish and Syrian immigrant pregnant women between 2010-2018 Ozge YUCEL CELİK, Gönül AKSU, Mehmet OBUT, Ayşe KELEŞ, Mine GÜLTEKİN ÇALIK, Gülşah DAĞDEVİREN, Dilek SAHİN, Aykan YÜCEL	37-43
7. Footwear alterations after first metatarsophalangeal joint arthrodesis Hasan MAY, Melih ÜNAL, Yusuf Alper KATI, Gürkan GÜMÜŞSUYU, Özkan KÖSE	44-49
8. Validity and reliability study of the vaccine hesitancy scale in Turkish sample Hacer YALNIZ DİLCEN, İlknur DOLU, Zeynep TURHAN	50-58
9. Thiol/disulphide balance and ischemia modified albumin levels in relapsed brucellosis patients Mehtap Hülya ASLAN, Omer KARASAHİN, Sibel İBA YILMAZ, Ali KURT, Pervin BARAN, Cemile KOCA BİÇER	59-64
10. Analysis of unplanned revisits and readmissions: results of the General Surgery clinic in a private hospital Mustafa NARMANLI, Halil ÖZGÜÇ, Eralp ÇEVİKKALP, Nesrin SERBEST	65-73
11. The difference between gender in terms of nomophobia in Turkey: a meta-analysis Esin AVCI	74-83
12. Is tocilizumab effective in cytokine release syndrome in patients diagnosed with COVID-19?: a retrospective preliminary study Gülbahar ÇALIŞKAN, Serra TOPAL, Ayça SAYAN, Nuri Burkay SOYLU	84-90

13. Evaluation of anesthetic approaches to surgical patients during early COVİD-19 pandemic Ümran KARACA, Filiz ATA, Canan YILMAZ, Ayşe Neslihan BALKAYA, Tuğba ONUR	91-97
14. Arthroscopic treatment and mid-term results of suprapatellar plica syndrome: a single-center experience of 14 cases Murat AYDIN Selim ÇINAROĞLU	98-102
15. The effect of psychopathology on quality of life and disability in patients with fibromyalgia Esra AKAY, Ömer ŞENORMANCI, Rıza ERÖKSÜZ, Güliz ŞENORMANCI, Onur Okan DEMİRCİ	103-110
16. The correlation between primary dysmenorrhea and oxidative stress markers in adolescents Bergen LALELİ, Burcu TİMUR	111-117
17. Relationship of thyroid gland elasticity with age, gender and thyroid gland volume in the shear-wave ultrasound elastography Furkan Ertürk URFALI ,Sertaç ERARSLAN, Bahattin ÖZKUL, Mehmet KORKMAZ, Sermin TOK	118-121
Case Reports	
18. COVID-19 pansinusitis with abducens paralysis <i>Meral SEFEROGLU, Nizameddin KOCA, Yasemin COŞKUN, Bahattin HAKYEMEZ</i>	122-125
19. Massive bilateral adrenal mass with adrenal insufficiency: a case report of primary adrenal lymphoma Seher ÇETİNKAYA ALTUNTAŞ, Uğur AVCI	126-130
Reviews	
20. Effects of microRNAs in hypertension disease Nuray ALTINTAŞ, Onur TONK, Özge SARICA YILMAZ	131-138
21. Use of del Nido cardioplegia in adult cardiac surgery Bişar AMAÇ, Mümün SELÇUK, Semra BÖLÜKBAŞ, Fatma KAHRAMAN, Ahmet Kağan AS, Muhammed SAVRAN, Orhan GÜVENÇ, Mehmet Tuğrul GÖNCÜ, Mesut ENGİN, Senol YAVUZ	139-144