

ABCResearch

Archives of Basic and Clinical Research

Official Journal of the Erzincan Binali Yıldırım University School of Medicine

Effect of Electroconvulsive Therapy on Serum Thrombospondin-1 Levels in Serious Mental Disorders

Hicret Kan, Mustafa Akkuş, Tevfik Kalelioğlu, Nesrin Karamustafaloğlu

Comparison of Treatment Results of Stable Intertrochanteric Femur Fractures with Dynamic Hip Screw and Proximal Femoral Nail

Abdi Keskin, Burak Özturan, Bilal Demir

The Correlation with Enthesitis and the Severity of the Disease in Behcet's Syndrome

Hasan Göğebakan, Nergis Akbaş

Smoker Relatives of Inpatients: A Reasonable but Heterogeneous Target Population for Smoking Cessation Program

Burak Yasin Aktaş, Beril Hüseyin, Deniz Yüce, Ömer Dizdar, Mustafa Erman, Mutlu Hayran, İsmail Çelik

Investigation of Endocrine Disease Frequency in Dyslipidemia

Volkan Aslan, Güngör Akçay

Cerebellin and Catecholamines in Newly Diagnosed Hypertension With and Without Diabetes Mellitus

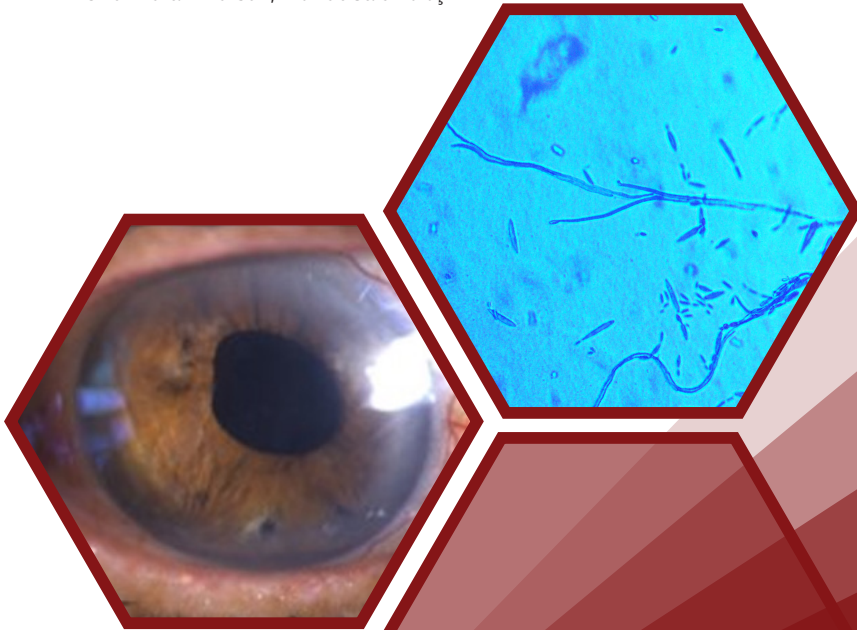
Sedat Çicek, Kader Uğur, Erhan Önalın, Burkay Yakar, Süleyman Aydın, Meltem Yardım, İbrahim Şahin, Ahmet Karataş, Faruk Kılınç

Fibromyalgia Syndrome Following Coronavirus Disease 2019

Bilge Ekinci, Nurdagül Aktaş, Emine Esra Ergül, Pınar Kaya Subaşı, Serhat Hayme

Serum Amino Acid Levels in Children with Autism Spectrum Disorder by Liquid Chromatography-Mass Spectrometry/Mass Spectrometry

Mehmet Ali Gül, Fatma Zuhul Umudum, Nezahat Kurt, Fatma Betül Özgeriş, Özge Nur Türkeri, Bahadır Turan, Onur Burak Dursun, Mevlüt Sait Keleş



Volume 5

Issue 1

January 2023



EDITOR IN CHIEF

Mecit Kantarcı

Department of Radiology, Erzincan Binali Yıldırım University
School of Medicine, Erzincan, Türkiye

ASSOCIATE EDITORS

Surgical Sciences

İsmet Yalkın Çamurcu

Department of Orthopedics and Traumatology, Atlas
University School of Medicine, İstanbul, Türkiye

Internal Medicine

Fatih Özçiçek

Department of Internal Medicine, Erzincan Binali Yıldırım
University School of Medicine, Erzincan, Türkiye

Basic Medical Sciences

Cuma Mertoğlu

Department of Biochemistry, Malatya İnönü University,
Malatya, Türkiye

Dentistry

Kezban Meltem Çolak

Department of Endodontics, Erzincan Binali Yıldırım
University Faculty of Dentistry, Erzincan, Türkiye

Health Sciences

Nadiye Özer

Department of Surgical Nursing, Atatürk University Faculty
of Health Science, Erzurum, Türkiye

Biostatistical Editor

Yusuf Kemal Arslan

Department of Biostatistics, Çukurova University School of
Medicine, Adana, Türkiye

Turkish Language Editor

Adalet Özçiçek

Department of Internal Medicine, Erzincan Binali Yıldırım
University School of Medicine, Erzincan, Türkiye

Erzincan Binali Yıldırım Üniversitesi Tıp Fakültesi adına sahibi ve Sorumlu Yazı İşleri Müdürü / Owner and Responsible Manager on behalf of the Erzincan Binali Yıldırım University School of Medicine: Abdulmecit Kantarcı · Yayın türü / Publication Type: Yerel süreli / Local periodical · Basım yeri / Printed at: Kaya Ozalit, Meclis-i Mebusan cad · Mimar Han No:75/A 34427 Fındıklı İstanbul, Türkiye (+90 212 243 81 05) · Basım tarihi / Printing Date: Ocak 2023 / January 2023 · Erzincan Binali Yıldırım Üniversitesi Tıp Fakültesi tarafından yayınlanmaktadır / Published by Erzincan Binali Yıldırım University School of Medicine, Erzincan Binali Yıldırım Üniversitesi Tıp Fakültesi/Başbağlar Mah. 24100 Erzincan - Türkiye (+90 446 226 18 18)



All expenses of the Archives of Basic and Clinical Research are covered by the unconditional education support provided by Erzincan Culture and Education Foundation (EKEV).

Archives of Basic and Clinical Research'ın giderleri, Erzincan Kültür ve Eğitim Vakfı (EKEV) tarafından sağlanan koşulsuz eğitim desteğiyle karşılanmaktadır.



Founder
İbrahim Kara

General Manager
Ali Şahin

Publishing Directors
İrem Soysal
Gökhan Çimen

Editor
Bahar Albayrak

Publications Coordinators
Arzu Arı
Deniz Kaya
İrmak Berberoğlu
Alara Ergin
Hira Gizem Fidan
İrem Özmen

Web Coordinators
Sinem Fehime Koz
Doğan Oruç

Finance Coordinator
Elif Yıldız Çelik

Contact

Address: Büyükdere Cad. No: 105/9
34394 Mecidiyeköy, Şişli-İstanbul,
Türkiye
Phone: +90 212 217 17 00
E-mail: info@avesyayincilik.com
web: www.avesyayincilik.com

EDITORIAL BOARD

Emin Murat Akbaş

Department of Internal Medicine, Division of Endocrinology, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Mehmet Aktaş

Department of Medical Biochemistry, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Bülent Aydın

Department of General Surgery, Akdeniz University School of Medicine, Antalya, Türkiye

Adnan Ayvaz

Division of Pediatric Neurology, Okan University School of Medicine, İstanbul, Türkiye

Şenol Biçer

Department of Pediatric Surgery, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Abdullah Büyük

Department of General Surgery, Medical Park Elazığ Hospital, Elazığ, Türkiye

Mutlu Büyüklü

Department of Cardiology, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Ertunç Dayı

Department of Oral & Maxillofacial Surgery, Erzincan Binali Yıldırım University School of Dentistry, Erzincan, Türkiye

İsmail Demiryılmaz

Department of General Surgery, Akdeniz University School of Medicine, Antalya, Türkiye

Cihan Duran

Division of Diagnostic Imaging, University of Texas, MD Anderson Cancer Center, Houston, Texas, USA

Menduh Dursun

Department of Radiology, İstanbul University İstanbul School of Medicine, İstanbul, Türkiye

Tayfun Çakır

Department of Brain and Nerve Surgery, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Ayşe Çarlıoğlu

Division of Endocrinology, Lokman Hekim University School of Medicine, Ankara, Türkiye

Fehmi Çelebi

Department of General Surgery, Sakarya University School of Medicine, Sakarya, Türkiye

Abdulkadir Çoban

Department of Medical Biochemistry, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Levent Demirtaş

Department of Internal Medicine, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Bekir Elma

Department of Thoracic Surgery, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

İzzet Emir

Department of Cardiovascular Surgery, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Abdullah Erdoğan

Department of Urology, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Mehmet Gündoğdu

Department of Internal Medicine, Division of Hematology, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Alp Gürkan

Department of General Surgery, Okan University School of Medicine, İstanbul, Türkiye

Ender Hür

Division of Nephrology, Manisa Merkezefendi State Hospital, Manisa, Türkiye

Ali Veyssel Kara

Department of Internal Medicine, Division of Nephrology, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Faruk Karakeçili

Department of Infectious Diseases and Clinical Microbiology, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Erdal Karavaş

Department of Radiology, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Muşturay Karçaaltıncaba

Department of Radiology, Hacettepe University School of Medicine, Ankara, Türkiye

Ercüment Keskin

Department of Urology, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Nizamettin Koçkara

Department of Orthopedics and Traumatology, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Mehmet Nuri Konya

Department of Orthopedics and Traumatology, Afyonkarahisar University of Health Sciences, Afyonkarahisar, Türkiye

Korgün Koral

Department of Radiology, University of Texas Southwestern Medical Center, Dallas, Texas, ABD

**Emin Köse**

Department of General Surgery, University of Health Sciences, İstanbul Okmeydanı Health Application and Research Center, İstanbul, Türkiye

Özlem Kurt Azap

Department of Infections Diseases and Clinical Microbiology, Başkent University School of Medicine, Ankara, Türkiye

Ergün Kutlusoy

Department of Cardiology, Malatya Turgut Özal University School of Medicine, Erzurum, Türkiye

Ufuk Kuyruklu Yıldız

Department of Anesthesiology and Reanimation, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

İlke Küpeli

Department of Anesthesiology and Reanimation, Kocaeli Derince Training and Research Hospital, Kocaeli, Türkiye

Akın Levent

Department of Radiology, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Cenk Nayki

Department of Obstetrics and Gynaecology, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Ümit Arslan Nayki

Department of Obstetrics and Gynaecology, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Levent Oğuzkurt

Department of Radiology, Koc University Hospital, İstanbul, Türkiye

Didem Onk

Department of Anesthesiology and Reanimation, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Oruç Alper Onk

Department of Cardiovascular Surgery, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Aytekin Oto

Department of Radiology and Surgery, UChicago Medicine, Illinois, USA

Hasan Mücahit Özbaş

Division of Hematology, Giresun University School of Medicine, Giresun, Türkiye

Aslı Özbek Bilgin

Department of Medical Pharmacology, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Adalet Özçiçek

Department of Internal Medicine, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Pınar Öztürk

Department of Emergency Medicine, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

İlyas Sayar

Department of Medical Pathology, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Hakan Sofu

Department of Orthopedics and Traumatology, Altınbaş University School of Medicine, İstanbul, Türkiye

İlknur Sürücü Kara

Department of Pediatric Diseases, Ankara University School of Medicine, Ankara, Türkiye

İbrahim Şahin

Department of Medical Biology, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

İdris Şahin

Division of Nephrology, İnönü University School of Medicine, Malatya, Türkiye

Garip Şahin

Division of Nephrology, Osmangazi University School of Medicine, Eskişehir, Türkiye

Vedat Şahin

Department of Orthopedics and Traumatology, University of Health Sciences, Baltalımanı Metin Sabancı Bone Diseases Training and Research Hospital, İstanbul, Türkiye

Aslı Şener

Department of Emergency Medicine, İzmir Çiğli Regional Education Hospital, İzmir, Türkiye

Kültigin Türkmen

Division of Nephrology, Necmettin Erbakan University Meram School of Medicine, Konya, Türkiye

Adem Uğurlu

Clinic of Eye Diseases, Erzincan Mengücek Gazi Training and Research Hospital, Erzincan, Türkiye

Paşa Uluğ

Department of Obstetrics and Gynaecology, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Mustafa Ünübol

Division of Endocrinology, Adnan Menderes University School of Medicine, Aydın, Türkiye

Edhem Ünver

Department of Chest Diseases, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Judy Yee

Department of Radiology, Montefiore Medical Centre, Albert Einstein College of Medicine, New York, USA

Gürsel Yıldız

Division of Nephrology, Başakşehir Çam and Sakura City Hospital, İstanbul, Türkiye

İsmayil Yılmaz

Department of General Surgery, University of Health Sciences, İstanbul Okmeydanı Health Application and Research Center, İstanbul, Türkiye

AIMS AND SCOPE

Archives of Basic and Clinical Research (Arch Basic Clin Res) is the scientific, peer reviewed, open access journal of the Erzincan Binali Yıldırım University School of Medicine. The journal is a triannual publication, published in January, May, and September. The journal's publication language is English.

Archives of Basic and Clinical Research aims to contribute to the literature by publishing original clinical and experimental research articles at the highest scientific quality in all fields of medicine. The journal also publishes rare case reports, reviews, letters to the editor, and images of interest. The target audience of the journal includes physicians, researchers, and healthcare professionals who are interested or working in all fields of medicine.

The editorial and publication processes of the journal are shaped in accordance with the guidelines of the International Committee of Medical Journal Editors (ICMJE), World Association of Medical Editors (WAME), Council of Science Editors (CSE), Committee on Publication Ethics (COPE), European Association of Science Editors (EASE), and National Information Standards Organization (NISO). The journal is in conformity with the Principles of Transparency and Best Practice in Scholarly Publishing (doaj.org/bestpractice).

Processing and publication are free of charge with the journal. No fees are requested from the authors at any point throughout the evaluation and publication process. All manuscripts must be submitted via the online submission system, which is available at www.abcresearch.net. The journal guidelines, technical information, and the required forms are available on the journal's web page.

Archives of Basic and Clinical Research currently indexed in DOAJ, TUBITAK ULAKBIM TR Index and China National Knowledge Infrastructure (CNKI).

All expenses of the journal are covered by the Erzincan Binali Yıldırım University School of Medicine. Potential advertisers should contact the Editorial Office. Advertisement images are published only upon the Editor-in-Chief's approval.

Statements or opinions expressed in the manuscripts published in the journal reflect the views of the author(s) and not the opinions of the Erzincan Binali Yıldırım University School of Medicine, editors, editorial board, and/or publisher; the editors, editorial board, and publisher disclaim any responsibility or liability for such materials.

All published content is available online, free of charge at www.abcresearch.net. Printed copies of the journal are sent to the corresponding authors of the published articles, and the rest of the copies are sent to Erzincan Binali Yıldırım University School of Medicine.

You can find the current version of the Instructions to Authors at <https://abcresearch.net/en/instructions-to-authors-105>

Open Access Statement

Archives of Basic and Clinical Research is an open access publication, and the journal's publication model is based on Budapest Open Access Initiative (BOAI) declaration. All published content is available online, free of charge at www.abcresearch.net. Authors retain the copyright of their published work in the Archives of Basic and Clinical Research. The journal's content is licensed under a Creative Commons Attribution-NonCommercial (CC BY-NC) 4.0 International License which permits third parties to share and adapt the content for non-commercial purposes by giving the appropriate credit to the original work.

Editor in Chief: Prof. Mecit Kantarcı

Address: Department of Radiology, Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

E-mail: akkanrad@hotmail.com

Publisher: Erzincan Binali Yıldırım University School of Medicine

Address: Erzincan Binali Yıldırım University School of Medicine, Erzincan, Türkiye

Publishing Service: AVES

Address: Büyükdere Cad., 105/9 34394 Şişli, İstanbul, Türkiye

Phone: +90 212 217 17 00

E-mail: info@avesyayincilik.com

Web page: www.avesyayincilik.com

Original Articles

- 156 Effect of Electroconvulsive Therapy on Serum Thrombospondin-1 Levels in Serious Mental Disorders**
Hicret Kan, Mustafa Akkuş, Tevfik Kalelioğlu, Nesrin Karamustafaloğlu
- 163 Comparison of Treatment Results of Stable Intertrochanteric Femur Fractures with Dynamic Hip Screw and Proximal Femoral Nail**
Abdi Keskin, Burak Özturan, Bilal Demir
- 171 The Correlation with Enthesitis and the Severity of the Disease in Behçet's Syndrome**
Hasan Göğebakan, Nergis Akbaş
- 178 Smoker Relatives of Inpatients: A Reasonable but Heterogeneous Target Population for Smoking Cessation Program**
Burak Yasin Aktaş, Beril Hüseyin, Deniz Yüce, Ömer Dizdar, Mustafa Erman, Mutlu Hayran, İsmail Çelik
- 185 Investigation of Endocrine Disease Frequency in Dyslipidemia**
Volkan Aslan, Güngör Akçay
- 194 Cerebellin and Catecholamines in Newly Diagnosed Hypertension With and Without Diabetes Mellitus**
Sedat Çicek, Kader Uğur, Erhan Önalın, Burkay Yakar, Süleyman Aydın, Meltem Yardım, İbrahim Şahin, Ahmet Karataş, Faruk Kılınç
- 202 Fibromyalgia Syndrome Following Coronavirus Disease 2019**
Bilge Ekinici, Nurdagül Aktaş, Emine Esra Ergül, Pınar Kaya Subaşı, Serhat Hayme
- 208 Serum Amino Acid Levels in Children with Autism Spectrum Disorder by Liquid Chromatography-Mass Spectrometry/Mass Spectrometry**
Mehmet Ali Gül, Fatma Zuhail Umudum, Nezahat Kurt, Fatma Betül Özgeriş, Özge Nur Türkeri, Bahadır Turan, Onur Burak Dursun, Mevlüt Sait Keleş

Case Reports

- 218 Intracameral Sulfur Hexafluoride Gas Injection and Descemet Membrane Endothelial Keratoplasty for Treatment of Descemet Membrane Detachment After Phacoemulsification Surgery**
Kemal Bayrakçeken, Bahri Aydın
- 222 Fusarium Fungemia After Electric Burn: A Case Report**
Yasemin Ersoy, Ahmet Doğan, Yücel Duman, Cemal Fırat