



JOURNAL OF  
**C**LINICAL  
**P**RACTICE &  
**R**ESEARCH

Formerly Erciyes Medical Journal

**ORIGINAL ARTICLES**

Comparison of the Effects of Superficial and Deep Heat Agents on Hamstring Muscle Flexibility in Healthy Individuals  
*Oymak Soysal AN, et al.*

Evaluation of Patients with Ichthyosis Followed in a Neonatal Intensive Care Unit: A Single Center Experience  
*Deveci MF, et al.*

Significance of Screening Frailty, Sarcopenia, and Malnutrition in Hospitalized Patients with COVID-19: A One-Year Follow-Up Study  
*Öztürk Y, et al.*

Familial Nutrition and Physical Activity Habits in Children and Adolescents with Type 1 Diabetes Mellitus  
*Tarçın G, et al.*

The Shetty Test's Performance in Predicting Fractures in Radiography for Pediatric Patients  
*Komut S, et al.*

## Editorial Board

### Editor-in-Chief

#### Kürşat GÜNDOĞAN

Department of Internal Medicine, Division of Intensive Care, Erciyes University Faculty of Medicine, Kayseri, Türkiye

### Managing Editors

#### Ahmet EKEN

Department of Medical Biology, Erciyes University Faculty of Medicine, Kayseri, Türkiye

#### Aykut ÖZDARENDELİ

Department of Microbiology, Erciyes University Faculty of Medicine, Kayseri, Türkiye

#### Halil TEKİNER

Department of the History of Medicine and Medical Ethics, Erciyes University Faculty of Medicine, Kayseri, Türkiye

#### Ayşegül ULU KILIÇ

Department of Infectious Disease and Clinical Microbiology, Erciyes University Faculty of Medicine, Kayseri, Türkiye

#### İmdat YÜCE

Department of Otorhinolaryngology, Erciyes University Faculty of Medicine, Kayseri, Türkiye

### Editors

#### Niyazi ACER

Department of Anatomy, İstanbul Arel University Faculty of Medicine, İstanbul, Türkiye

#### Sami AKBULUT

Department of Surgery and Liver Transplant Institute, İnönü University Faculty of Medicine, Malatya, Türkiye

#### Sibel AKIN

Department of Geriatrics, Internal Medicine, Erciyes University Faculty of Medicine, Kayseri, Türkiye

#### Recep AKSU

Department of Anesthesiology and Reanimation, Erciyes University Faculty of Medicine, Kayseri, Türkiye

#### Mehmet AZİRET

Department of General Surgery and Surgery of Gastroenterology, Sakarya University Faculty of Medicine, Sakarya, Türkiye

#### Les BAİLLİE

Department of Microbiology, Welsh School of Pharmacy, Cardiff University, Cardiff, UK

#### Tristan BARBER

Consultant Physician, Department of HIV Medicine, Royal Free London NHS Foundation Trust Institute for Global Health, University College London, London, UK

#### Arda BORLU

Department of Public Health, Erciyes University Faculty of Medicine, Kayseri, Türkiye

#### Marijan BOSEVSKI

Department of Cardiology and Internal Medicine, University Sst Cyril and Methodius, Skopje, North Macedonia

#### Mile BOSILKOVSKI

University Clinic for Infectious Diseases and Febrile Conditions, Medical Faculty, University "Ss.Cyril and Methodius", Skopje, North Macedonia

#### Mehmet CANPOLAT

Division of Pediatric Neurology, Department of Pediatrics, Department of Stem Cell Sciences, Erciyes University Faculty of Medicine, Kayseri, Türkiye

#### Felipe F. CASANUEVA

Division of Endocrinology, Department of Medicine, Santiago de Compostela University, Complejo Hospitalario Universitario de Santiago, Santiago de Compostela, Spain

#### Benhur Şirvan ÇETİN

Pediatric Infectious Diseases Unit, Department of Child Health And Diseases, Erciyes University Faculty of Medicine, Kayseri, Türkiye

#### Nesrin ÇOBANOĞLU

Department of Medical Ethics and History, Gazi University Faculty of Medicine, Ankara, Türkiye

#### Ali ÇONER

Department of Cardiology, Anatolia Hospital, Antalya, Türkiye

#### Esra DEMİRCİ

Department of Child and Adolescent Psychiatry, Erciyes University Medicine Faculty, Kayseri, Türkiye

#### Kemal DENİZ

Department of Pathology, Erciyes University Faculty of Medicine, Kayseri, Türkiye

#### Gökçen DİNÇ

Department of Microbiology, Erciyes University Faculty of Medicine, Kayseri, Türkiye

#### İsmail DURSUN

Division of Nephrology, Department of Pediatrics, Erciyes University Faculty of Medicine, Kayseri, Türkiye

#### Oğuzhan Sıtkı DİZDAR

Department of Internal Medicine and Clinical Nutrition Unit, University of Health Sciences, Kayseri City Training and Research Hospital, Kayseri, Türkiye

#### Ahmet EKEN

Department of Medical Biology, Erciyes University Faculty of Medicine, Kayseri, Türkiye

#### Abdulkerim EROĞLU

Department of Molecular and Structural Biochemistry, North Carolina State University, North Carolina, USA

#### Meltem Gülhan HALİL

Division of Geriatrics, Department of Internal Medicine, Hacettepe University Faculty of Medicine, Ankara, Türkiye

#### Eman A. HELMY

Department of Microbiology and Nano-Biotechnology, AlAzhar University, Cairo, Egypt

#### Nihat KALAY

Department of Cardiology, Erciyes University Faculty of Medicine, Kayseri, Türkiye

#### İbrahim KARAMAN

Department of Orthopaedics and Traumatology, Erciyes University Medical Faculty, Kayseri, Türkiye

#### Darko KASTELAN

Department of Internal Medicine-Endocrinology and Metabolism, Zagreb, Croatia

#### Afşin Emre KAYIPMAZ

Department of Emergency, Ankara City Hospital, Ankara, Türkiye



## Editorial Board

### Demet KARTAL

Department of Dermatology and Venereology,  
Erciyes University Faculty of Medicine, Kayseri,  
Türkiye

### İsmail KOÇYİĞİT

Department of Nephrology, Erciyes University  
Faculty of Medicine, Kayseri, Türkiye

### Ainura KUTMANOVA

Head of Department of Infectious Diseases,  
International School of Medicine, Bishkek, Kyrgyz  
Republic

### Nevzat Mehmet MUTLU

Department of Intensive Care, Ankara City  
Hospital, Ankara, Türkiye

### Besim ÖGRETMEN

Department of Biochemistry and Molecular  
Biology, Medical University of South Carolina,  
Charleston, USA

### Aykut ÖZDARENDELİ

Department of Microbiology, Erciyes University  
Faculty of Medicine, Kayseri, Türkiye

### Seçil ÖZKAN

Department of Public Health, Gazi University  
Faculty of Medicine, Ankara, Türkiye

### Deniz PEKER BARCLIFT

Department of Pathology and Lab Medicine-  
Hematopathology, Emory University Atlanta, USA

### Jordi RELLO

Centro de Investigación Biomédica en Red  
(CIBERES), Vall d'Hebron Hospital Campus,  
Barcelona, Spain

### Jeyasakthy SANIASIAYA

Department of Otorhinolaryngology, Universiti  
Malaya Faculty of Medicine, Kuala Lumpur,  
Malaysia

### Ayşe ÇAĞLAR SARILAR

Department of Neurology, Clinical Neurophysiology,  
Erciyes University Faculty of Medicine, Kayseri,  
Türkiye

### Halil TEKİNER

Department of the History of Medicine and  
Medical Ethics, Erciyes University Faculty of  
Medicine, Kayseri, Türkiye

### Ayşegül ULU KILIÇ

Department of Infectious Disease and Clinical  
Microbiology, Erciyes University Faculty of  
Medicine, Kayseri, Türkiye

### Metin ÜNLÜ

Department Ophthalmology, Erciyes University  
Faculty of Medicine, Kayseri, Türkiye

### Alperen VURAL

Department of Otolaryngology & Head and  
Neck Surgery, Istanbul University-Cerrahpaşa,  
Cerrahpaşa Faculty of Medicine, Istanbul, Türkiye

### İmdat YÜCE

Department of Otorhinolaryngology, Erciyes  
University Faculty of Medicine, Kayseri, Türkiye

### Thomas R. ZIEGLER

Division of Endocrinology, Metabolism, and  
Lipids, Department of Medicine, Emory University  
School of Medicine, Atlanta, USA

### Statistical Editor

### Duygu AYDIN HAKLI

Department of Biostatistics, Istanbul Arel  
University Faculty of Medicine, Istanbul, Türkiye

### Merve BAŞOL GÖKSÜLÜK

Department of Biostatistics, Erciyes University  
Faculty of Medicine, Kayseri, Türkiye

### Gözde Ertürk ZARARSIZ

Department of Biostatistics, Erciyes University  
Faculty of Medicine, Kayseri, Türkiye

### Diñer GÖKSÜLÜK

Department of Biostatistics, Erciyes University  
Faculty of Medicine, Kayseri, Türkiye

### Ahmet ÖZTÜRK

Department of Biostatistics, Erciyes University  
Faculty of Medicine, Kayseri, Türkiye

### Gökmen ZARARSIZ

Department of Biostatistics, Erciyes University  
Faculty of Medicine, Kayseri, Türkiye

### Former Editors

### Bedri KANDEMİR, 1983–1985

Retired Professor, Ondokuz Mayıs University,  
Samsun, Türkiye

### Aydın PAŞAOĞLU, 1986–1992

Retired Professor, Gazi University, Ankara, Türkiye

### Eyüp S. KARAKAŞ, 1992–1994

Retired Professor, Erciyes University, Kayseri, Türkiye

### Zeki YILMAZ, 1994–2000

Department of General Surgery, Nuh Naci Yazgan  
University Faculty of Medicine, Kayseri, Türkiye

### Cem SÜER, 2000–2012

Department of Physiology, Erciyes University  
Faculty of Medicine, Kayseri, Türkiye

### Salih ÖZGÖÇMEN, 2013–2016

Retired Professor, Erciyes University, Kayseri, Türkiye

### M. Hakan POYRAZOĞLU, 2016–2017

Department of Pediatrics, Erciyes University  
Faculty of Medicine, Kayseri, Türkiye

### Mehmet DOĞANAY, 2018–2023

Department of Infectious Diseases, Lokman  
Hekim University Faculty of Medicine, Ankara,  
Türkiye

### Contact

**Address:** Erciyes Üniv. Tıp Fakültesi Dekanlığı, Journal of Clinical Practice and Research Bürosu, 38039 Melikgazi, Kayseri, Türkiye

**Phone:** +90 352 207 66 66 (23008) **Fax:** +90 352 437 52 85

**E-mail:** jclinpr@gmail.com **Web address:** www.jcpres.com

Yayın türü / Publication type: Yerel süreli / Bimonthly journal • Basım yeri / Printed at: Filmevi, Yüzyıl Matbaacılar Sitesi,  
No: 22, Bağcılar, İstanbul, Türkiye (+90 212 429 29 03) • Basım tarihi / Printing Date: Temmuz 2023 / July 2023

## Advisory Board

**Ramin ABİRİ** - Department of Medical Microbiology School of Medicine, Kermanshah University of Medical Sciences, Kermanshah, Iran

**Turgut ALKİBAY** - Department of Urology, Gazi University Faculty of Medicine, Ankara, Türkiye

**Mustafa ARICI** - Department of Internal Medicine, Division of Nephrology, Hacettepe University Faculty of Medicine, Ankara, Türkiye

**Saadet ARSAN** - Division of Neonatology, Department of Child Health and Diseases, Ankara University Faculty of Medicine, Ankara, Türkiye

**Semra ATALAY** - Division of Cardiology, Department of Child Health and Diseases, Ankara University Faculty of Medicine, Ankara, Türkiye

**İlknur BOSTANCI** - Department of Pediatric Immunology and Allergy, Dr. Sami Ulus Obstetrics and Gynecology, Child Health and Diseases Hospital, Ankara, Türkiye

**Mehtap BULUT** - Department of Emergency Medicine, Medipol University Faculty of Medicine, İstanbul, Türkiye

**H. Dwight CAVANAGH** - Department of Ophthalmology, Ut Southwestern Medical Center, Dallas, Texas, USA

**William A. COETZEE** - Director of Research Departments of Pediatrics, Neuroscience and Physiology and Biochemistry and Molecular Pharmacology, New York University, Langone Medical Center, New York, NY, USA

**Meltem ÇÖL** - Department of Public Health, Ankara University Faculty of Medicine, Ankara, Türkiye

**Hüseyin DİNDAR** - Department of Pediatric Surgery, Ankara University Faculty of Medicine, Ankara, Türkiye

**Şükrü EMRE** - Section of Transplantation and Immunology, Yale-New Haven Transplantation Center Department of Surgery, Yale University Faculty of Medicine, New Haven, USA

**Dechun FENG** - Laboratory of Liver Diseases, National Institute on Alcohol Abuse and Alcoholism, National Institutes of Health, USA

**Massimo FILIPPI** - Neuroimaging Research Unit, Institute of Experimental Neurology, and Department of Neurology, San Raffaele Scientific Institute, Vita-Salute San Raffaele University, Milan, Italy

**Krishna S. IYER** - Executive Director, Pediatric & Congenital Heart Surgery, Fortis Escorts Heart Institute, New Delhi, India

**Ramazan İDİLMAN** - Division of Gastroenterology, Department of Internal Medicine, Ankara University Faculty of Medicine, Ankara, Türkiye

**Erkan İRİZ** - Department of Cardiovascular Surgery, Gazi University Faculty of Medicine, Ankara, Türkiye

**Ellen C. JANTZEN** - The Children's Hospital of Philadelphia, Philadelphia, PA, USA

**Ali KILIÇ** - Department of Surgery, Director of Microsurgical training Lab, Division of Plastic Surgery, Ambulatory Clinical Director, Plastic Surgery, University of Alabama at Birmingham, USA

**Selçuk KIRLI** - Department of Psychiatry, Uludağ University Faculty of Medicine, Bursa, Türkiye

**Ülker KOÇAK** - Division of Hematology, Department of Child Health and Diseases, Gazi University Faculty of Medicine, Ankara, Türkiye

**Petek KORKUSUZ** - Department of Histology and Embryology, Hacettepe University Faculty of Medicine, Ankara, Türkiye

**Arif KÖKÇÜ** - Department of Obstetrics and Gynecology, Ondokuz Mayıs University Faculty of Medicine, Samsun, Türkiye

**Sholpan KULZHANOVA** - Department of Infectious Diseases, Medical University Astana, Astana, Kazakhstan

**Yat Yin LAM** - Division of Cardiology, Department of Medicine and Therapeutics, Chinese University of Hong Kong, Hong Kong, PRC

**Douglas J. MATHISEN** - Division of Thoracic Surgery, Cardiothoracic Surgery, Boston: Massachusetts General Hospital, USA

**Tansu MERTOL** - Saudi Arabia Dammam University King Fahd Hospital, Dammam, KSA

**Muzaffer METİNTAŞ** - Department of Chest Diseases, Osmangazi University Faculty of Medicine, Eskişehir, Türkiye

**Vildan MULLIN** - Division of Pain Management, Tallahassee Neurological Clinic, Tallahassee, FL, USA

**Rüstem NURTEN** - Department of Biophysics, İstanbul University Faculty of Medicine, İstanbul, Türkiye

**Mehmet Ruhi ONUR** - Department of Radiology, Hacettepe University Faculty of Medicine, Ankara, Türkiye

**Ertuğrul ÖZBUDAK** - Department of Genetics Albert Einstein College of Medicine Yeshiva University, New York, NY, USA



## Advisory Board

**Levent ÖZÇAKAR** - *Department of Physical Medicine and Rehabilitation, Hacettepe University Faculty of Medicine, Ankara, Türkiye*

**Hakan ÖZDOĞU** - *Division of Hematology, Department of Internal Medicine, Dr. Turgut Noyan Research and Training Centre, Başkent University, Adana, Türkiye*

**Mehmet Akif ÖZTÜRK** - *Division of Rheumatology, Department of Internal Medicine, Gazi University Faculty of Medicine, Ankara, Türkiye*

**Gökhan ÖZYİĞİT** - *Department of Radiation Oncology, Hacettepe University Faculty of Medicine, Ankara, Türkiye*

**Hatice PAŞAOĞLU** - *Department of Biochemistry, Gazi University Faculty of Medicine, Ankara, Türkiye*

**Bartu SARISÖZEN** - *Department of Orthopedics and Traumatology, Uludağ University Faculty of Medicine, Bursa, Türkiye*

**Salih ŞANLIOĞLU** - *Department of Medical Biology and Genetics, Akdeniz University Faculty of Medicine, Antalya, Türkiye*

**Haluk TOPALOĞLU** - *Division of Neurology, Department of Child Health and Diseases, Hacettepe University Faculty of Medicine, Ankara, Türkiye*

**Mehmet UNGAN** - *Department of Family Medicine, Ankara University Faculty of Medicine, Ankara, Türkiye*

**Ata Nevzat YALÇIN** - *Department of Infection Diseases, Akdeniz University Faculty of Medicine, Antalya, Türkiye*

**Steven H. YALE** - *Department of Internal Medicine, University of Central Florida College of Medicine, Florida, USA*

**Bekir YAŞAR** - *Department of General Surgery, Osmangazi University Faculty of Medicine, Eskişehir, Türkiye*

**Ömer YERCİ** - *Department of Pathology, Uludağ University Faculty of Medicine, Bursa, Türkiye*

**Okan Bülent YILDIZ** - *Division of Endocrinology and Metabolism, Department of Internal Medicine, Hacettepe University Faculty of Medicine, Ankara, Türkiye*

**Bayram YILMAZ** - *Department of Physiology, Yeditepe University Faculty of Medicine, Istanbul, Türkiye*

**Mehmet ZARİFOĞLU** - *Department of Neurology, Uludağ University Faculty of Medicine, Bursa, Türkiye*

**Fidel ZAVALA** - *Department of Molecular Microbiology and Immunology, Bloomberg Faculty of Public Health, Johns Hopkins University, Baltimore, MD, USA*

**Amer ZEİDAN** - *Section of Hematology, Department of Internal Medicine, Yale University, New Haven, USA*

### Owner

*On Behalf of Faculty of Medicine, Erciyes University, Dr. Cemal Alper KEMALOĞLU*



**Publisher:** KARE Publishing; **Project Assistant:** Eymen İSKENDER; **Graphics, Design:** Neslihan ÇAKIR  
**Address:** Göztepe Mahallesi, Fahrettin Kerim Gökay Caddesi, No: 200, Daire: 2, Göztepe, Kadıköy, İstanbul, Türkiye; **Phone:** +90 216 550 61 11; **Fax:** +90 216 550 61 12; **E-mail:** kare@karepb.com

## Contents

### Invited Review

Cutaneous Mastocytosis in Childhood: An Update from the Literature

*Öner Özdemir, Süreyya Savaşan; Sakarya, Türkiye, Michigan, USA*

311

### Narrative Review

Evaluation of Transient or Permanent Congenital Hypothyroidism

*Selim Kurtoğlu, Osman Baştuğ, Ahmet Özdemir; Kayseri, Türkiye*

321

### Original Articles

Comparison of the Effects of Superficial and Deep Heat Agents on Hamstring Muscle Flexibility in Healthy Individuals

*Ayşe Nur Oymak Soysal, Şule Şimşek, Atiye Kaş Özdemir, Merve Bergin Korkmaz, Ummuhan Baş Aslan; Denizli, Türkiye*

327

Evaluation of Patients with Ichthyosis Followed in a Neonatal Intensive Care Unit: A Single Center Experience

*Mehmet Fatih Deveci, Kübra Ateş, Meral Alagöz, İbrahim Tekedereli, İsmail Kürşad Gökce, Mehmet Aslan, Ramazan Özdemir; Malatya, Türkiye*

335

Significance of Screening Frailty, Sarcopenia, and Malnutrition in Hospitalized Patients with COVID-19: A One-Year Follow-Up Study

*Yelda Öztürk, Arzu Okyar Baş, Merve Güner, Meltem Koca, Serdar Ceylan, Murat Özdede, Oğuz Abdullah Uyaroğlu, Cafer Balcı, Burcu Balam Doğu, Mustafa Cankurtaran, Meltem Gülhan Halil; Ankara, Türkiye*

340

Familial Nutrition and Physical Activity Habits in Children and Adolescents with Type 1 Diabetes Mellitus

*Gürkan Tarçın, Didem Güneş Kaya, Hasan Karakaş, Olcay Evliyaoğlu; İstanbul, Türkiye*

347

The Shetty Test's Performance in Predicting Fractures in Radiography for Pediatric Patients

*Seval Komut, Burcu Doğan, Ali Kemal Erenler; Çorum, Türkiye*

353

Investigation of the Combined Effects of Propylparaben and Methylparaben on Biochemical and Histological Parameters in Male Rats

*Eda Nur İnkaya, Nurhayat Barlas; Ankara, Türkiye*

360

Distribution of Microorganisms Isolated from Blood Cultures and Evaluation of Antibiotic Resistance Rates in Patients Diagnosed with Cancer

*Ayşe Hümeysra Taşkın Kafa, Fatih Çubuk, Mürşit Hasbek, Rukiye Aslan, Zeynep Çubuk; Sivas, Türkiye*

370

The Effects of a Pulmonary Rehabilitation Program in Severe and Critical COVID-19 Disease: A Prospective Observational Study

*Ayşe Merve Ata, Ebru Alemdaroğlu, Refiye Önal, Bilge Kesikburun, Pınar Borman, Emre Adigüzel, Evren Yaşar; Ankara, Türkiye*

377

Can Adolescent Idiopathic Scoliosis be Associated with Visual Impairment?

*Sabri Batın, İlyas Uçar, Ahmet Payas, Emre Bal, Yakup Ekinci, Erdal Kurtoğlu, Mustafa Arık, Turgut Seber, Halil Yılmaz, Nisa Kahraman, Erdoğan Unur; Kayseri, Çorum, İstanbul, Aksaray, Ordu, Türkiye*

385

The Impact of the COVID-19 Pandemic on Inflammatory Rheumatic Diseases

*Gamze Kılıç, Onur Kaan Gedikli, Cemil Güner, Ali Yazıcı, Serpil Demirulus, Elif Bozkurt, Kemal Faruk Körüklü, Orçun Cem Öngöre, Murat Karkucak, Erhan Çapkın, Erkan Kılıç; Trabzon, Türkiye*

392



- 402 Evaluation of Factors Affecting Outcomes in Arthroscopic Bankart Repair  
*Ahmet Öztermeli, Özgün Karakuş, Özgür Karaman, Ahmet Sinan Sarı, Burak Gürer, Baransel Saygı; Kocaeli, Balıkesir, İstanbul, Niğde, Türkiye*
- Case Reports**
- 409 Transient Sinoatrial and Atrioventricular Block in the Acute Phase of COVID-19 Infection  
*Ömer Ferudun Akkuş, Gökay Taylan, Kenan Yalta; Edirne, Türkiye*
- 413 Von Hippel–Lindau Disease and Agenesis of the Corpus Callosum: Report of a New Possible Association  
*Edis Çolak, Behzat Özkan; İzmir, Türkiye*
- 417 Successful Treatment of Acute Hepatitis–Associated Aplastic Anemia in a Young Boy: a case report  
*Mirna Natalija Anicic, Matija Bakos, Ana Petrovic Gluscic, Marijana Ćorić, Jurica Vukovic; Zagreb, Croatia*
- Images**
- 420 Small Intestinal Fish Bone Perforation  
*Toshimasa Yamaguchi; Osaka, Japan*
- 422 Panitumumab Induced Paronychia and Trichomegaly  
*Oktay Ünsal, Osman Sütcüoğlu, Nuriye Özdemir; Ankara, Türkiye*
- Letter to the Editor**
- 424 Miller Fisher Syndrome and Cavernous Sinus Thrombosis Caused by Sinusitis  
*Steven H. Yale, Halil Tekiner, Eileen S. Yale; Orlando, Gainesville, USA, Kayseri, Türkiye*
- 426 **Erratum**