E-ISSN: 2791-8823

CSMJ

THE JOURNAL OF BAŞAKŞEHİR ÇAM AND SAKURA CITY HOSPITAL

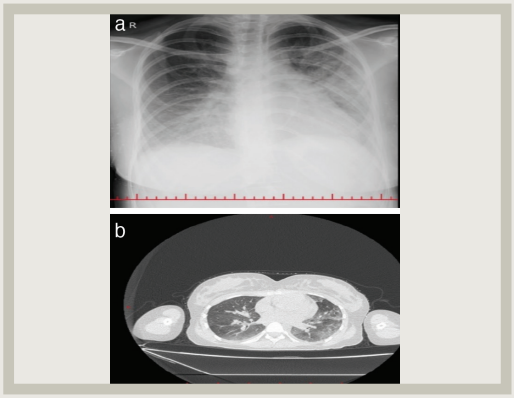

Figure 1. (a) Pulmonary X-ray showing diffuse bronchopneumonic infiltration. (b) Thorax computed tomography showing diffuse centroacinar densities at the superior lobe of the left lung representing bronchopneumonic infiltration and minimal effusion in bilateral fissures

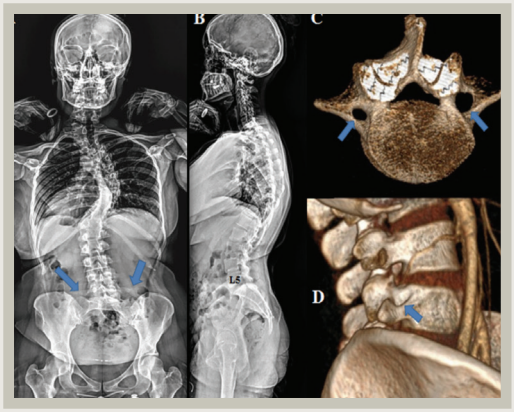

Figure 1. Radiological examinations of a 33-year-old female patient who presented to our clinic for surgical treatment. Preoperative radiological examination revealed a transverse foramen anomaly in the L5 vertebra (arrows). The spinal deformity is shown in (A) as an AP radiograph of the entire spine and in (B) as a lateral radiograph. In the (C) 3D reconstruction view, bilateral transverse foramen can be seen, which is wider on the left side. In (D), the 3D volume rendering view in the lateral plane shows that the vascular structure does not pass through the transverse foramen

AP: Anterior posterior, 3D: Three-dimensional

CAM & SAKURA MEDICAL JOURNAL

December
2023 Volume: 3 Issue: 3

www.csmedj.org

galenos Publishing House

CSMJ

Volume: 3 • Issue: 3 • December 2023

Editorial Board

Editor-in-Chief

Merih Çetinkaya
Department of Neonatology, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
drmerih@yahoo.com
ORCID ID: 0000-0002-7344-8637

Editorial Secretary

Kamuran Ziyaretli Şanlı
Department of Microbiology and Clinical Microbiology, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
kamuran67@gmail.com
ORCID ID: 0000-0003-0814-5637

Deputy Editors

Ahmet Güler
Department of Cardiology, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
ahmetguler01@yahoo.com.tr
ORCID ID: 0000-0002-0963-9658

Alper Gümüş
Department of Biochemistry, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
dralpergumus@gmail.com
ORCID ID: 0000-0002-4453-6339

Bekir Tuğcu
Department of Neurosurgery, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
tugcubekir@gmail.com
ORCID ID: 0000-0003-0385-0054

Didem Karaçetin
Department of Radiation Oncology, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
didemkaracetin@gmail.com
ORCID ID: 0000-0001-5359-5958

Esra Şüheda Hatipoğlu
Department of Endocrinology and Metabolism, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
esuheda@yahoo.com
ORCID ID: 0000-0001-8361-8866

İlgin Özden
Department of Hepatopancreatobiliary Surgery and Liver Transplantation, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
iozden@hotmail.com
ORCID ID: 0000-0001-7360-628X

Nevra Dursun Kepkep
Department of Pathology, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
durnevra@gmail.com
ORCID ID: 0000-0001-8076-7911

Nilüfer Çetinkaya Kocadal
Department of Gynecology and Gynecologic Oncology, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
cetinkayanilufer@gmail.com
ORCID ID: 0000-0001-9183-3558

Ömür Günaldı
Department of Neurosurgery, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
omurgunaldı@gmail.com
ORCID ID: 0000-0001-5071-1319

Özgür Kılıçkesmez
Department of Radiology, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
okilickesmez@yahoo.com
ORCID ID: 0000-0003-4658-2192

Ramazan Güven
Department of Emergency Medicine, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
drramazanguven@gmail.com
ORCID ID: 0000-0003-4129-8985

Serkan Sarı
Department of General Surgery, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
drserkansari@yahoo.com
ORCID ID: 0000-0003-2918-1776

CAM & SAKURA MEDICAL JOURNAL

CSMJ

Volume: 3 • Issue: 3 • December 2023

Editorial Board

Associate Editors

Ali İhsan Dokucu
Department of Pediatric Surgery, University of Health Sciences Turkey, Prof. Dr. Cemil Taşcıoğlu City Hospital, İstanbul, Turkey
aidokucu@gmail.com
ORCID ID: 0000-0002-1162-5140

Ayşe Esra Karakoç
Department of Medical Microbiology, Ankara Training and Research Hospital, Ankara, Turkey
aesrakarakoc@gmail.com
ORCID ID: 0000-0001-6332-1109

Birsen Gökyiğit
Department of Ophtalmology, İstanbul Yeni Yüzyıl University, İstanbul, Turkey
bgokyigit@hotmail.com
ORCID ID: 0000-0002-4154-4106

Fuat Emre Canpolat
Department of Pediatrics, Division of Neonatology, University of Health Sciences Turkey, Ankara City Hospital, Ankara, Turkey
femrecan@gmail.com
ORCID ID: 0000-0001-9307-3003

Meral Günaldı
Department of Medical Oncology, Aydın University, Faculty of Medicine, İstanbul, Turkey
meralgunaldi@gmail.com
ORCID ID: 0000-0002-5496-9824

Özlem Altuntaş Aydın
Department of Infectious Disease and Microbiology, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
ozlemaa@gmail.com
ORCID ID: 0000-0001-8035-1385

Soyhan Bağcı
Department of Neonatalogy and Pediatric Intensive Care, Children's Hospital, University of Bonn, Bonn, Germany
Soyhan.bagci@ukbonn.de
ORCID ID: 0000-0003-1005-665X

Yıldız Okuturlar
Department of Internal Medicine, Acıbadem University, Faculty of Medicine, Acıbadem Atakent Hospital, İstanbul, Turkey
y.okuturlar@gmail.com
ORCID ID: 0000-0002-1994-0014

Statistics Editors

Ali Ayçicek
Department of Pediatric Hematology, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
ayciceka@hotmail.com
ORCID ID: 0000-0001-8951-4750

Erkut Öztürk
Department of Pediatric Cardiology, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
erkut_ozturk@yahoo.com
ORCID ID: 0000-0002-1762-3269

Language Editor

Banu Arslan
Department of Emergency Medicine, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
dr.banuarslan@gmail.com
ORCID ID: 0000-0003-0982-5351

English Editing

Provided by Galenos for accepted articles

Perspective & Images Editor

Aytül Hande Yardımcı
Department of Radiology, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey
yahandeoo@yahoo.com
ORCID ID: 0000-0002-5163-9141

galenos yayınevi

Publisher Contact
Address: Molla Gürani Mah. Kaçamak Sk. No: 21/1
34093 İstanbul, Turkey
Phone: +90 (530) 177 30 97
E-mail: info@galenos.com.tr/yayin@galenos.com.tr
Web: www.galenos.com.tr
Publisher Certificate Number: 14521

Printing at: Son Sürat Daktilo Dijital Baskı Merkezi Sanayi ve Ticaret Ltd. Şti.
Gayrettepe Mahallesi, Yıldızposta Caddesi, Evren Sitesi A Blok No: 32
D: 1 - D: 3 34349 Beşiktaş, İstanbul, Türkiye
Phone: +90 (212) 288 45 75 **E-mail:** info@sonsuratdaktilo.com
Printing Date: December 2023

E-ISSN: 2791-8823
International scientific journal published quarterly.

CSMJ

Volume: 3 • Issue: 3 • December 2023

Editorial Board

Anesthesiology and Reanimation

Section Editor: Funda Gümüş Özcan, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Antigona Hasani, University of Pristina, Faculty of Medicine, Pristina, Kosovo

Dilek Kazancı, Ankara City Hospital, Ankara, Turkey

Fevzi Toraman, Acıbadem Mehmet Ali Aydınlar University, Faculty of Medicine, İstanbul, Turkey

Kemal Tolga Saraçoğlu, Kartal Dr. Lütfi Kırdar City Hospital, İstanbul, Turkey

Onur Demirci, Mayo Clinic, Minnesota, United States

Tülin Öztürk, Celal Bayar University, Faculty of Medicine, Manisa, Turkey

Biochemistry

İlhan Yaylım, İstanbul University, İstanbul Faculty of Medicine, İstanbul, Turkey

Murat Can, Bülent Ecevit University, Faculty of Medicine, Zonguldak, Turkey

Mevlüt Sait Keleş, Üsküdar University, Faculty of Medicine, İstanbul, Turkey

Cardiology

Abdullah Orhan Demirtaş, Adana City Hospital, Adana, Turkey

Alev Kılıçgedik, Kartal Koşuyolu Cardiovascular Research and Training Hospital, İstanbul, Turkey

Ali Kemal Kalkan, Mehmet Akif Ersoy Thoracic and Cardiovascular Surgery Training and Research Hospital, İstanbul, Turkey

Can Yücel Karabay, Dr. Siyami Ersek Thoracic and Cardiovascular Surgery Training and Research Hospital, İstanbul, Turkey

Taylan Akgün, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Cardiovascular Surgery

Section Editor: Nihan Kayalar, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Mehmed Yanartaş, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Sameh Said, University of Minnesota, Faculty of Medicine, Minneapolis, United States

Suat Nail Ömeroğlu, İstanbul University, Cerrahpaşa Faculty of Medicine, İstanbul, Turkey

Süleyman Yazıcı, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Chest Disease

Section Editor: Mehmet Akif Özgül, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Ekrem Cengiz Seyhan, Yedikule Chest Diseases and Thoracic Surgery Training and Research Hospital, İstanbul, Turkey

Gamze Kırkıl, Fırat University, Faculty of Medicine, Elazığ, Turkey

Mehmet Atilla Uysal, Yedikule Chest Diseases and Thoracic Surgery Training and Research Hospital, İstanbul, Turkey

Sibel Yurt, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Critical Care Medicine

Section Editor: Güldem Turan, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Işıl Özkoçak, Ankara City Hospital, Ankara, Turkey

Namigar Turgut, University of Health Sciences Turkey, Prof. Dr. Cemil Taşcıoğlu City Hospital, İstanbul, Turkey

Nimet Şenoğlu, Tepecik Training and Research Hospital, İzmir, Turkey

Tuğhan Utku, Yeditepe University, Faculty of Medicine, İstanbul, Turkey

Dermatology

Section Editor: Zafer Türkoğlu, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Didem Didar Balcı, Tepecik Training and Research Hospital, İzmir, Turkey

Burce Can, Sultan Abdulhamid Han Training and Research Hospital, İstanbul, Turkey

Filiz Topaloğlu Demir, Medipol University, Faculty of Medicine, İstanbul, Turkey

İlkin Zindancı, Ümraniye Training and Research Hospital, İstanbul, Turkey

Emergency Medicine

Ayhan Akoz, Adnan Menderes University, Faculty of Medicine, Aydın, Turkey

Burcu Genç Yavuz, Haydarpaşa Numune Training and Research Hospital, İstanbul, Turkey

İsmail Tayfur, İlhan Varank Training and Research Hospital, İstanbul, Turkey

Mücahit Kapçı, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Özgür Söğüt, University of Health Sciences Turkey, Haseki Training and Research Hospital, İstanbul, Turkey

Shikha Tandon, Fortis Hospital, New Delhi, India

Endocrinology and Metabolism

Hakan Korkmaz, Süleyman Demirel University, Faculty of Medicine, Isparta, Turkey

Mahmut Muzaffer İlhan, Medipol Çamlıca Hospital, İstanbul, Turkey

Meral Mert, University of Health Sciences Turkey, Bakırköy Dr. Sadi Konuk Training and Research Hospital, İstanbul, Turkey

Mutlu Niyazoğlu, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

CSMJ

Volume: 3 • Issue: 3 • December 2023

Editorial Board

Sema Çiftçi, University of Health Sciences Turkey, Bakırköy Dr. Sadi Konuk Training and Research Hospital, İstanbul, Turkey

Family Medicine

Section Editor: Hilal Özkaya, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Kamile Marakoğlu, Selçuk University, Faculty of Medicine, Konya, Turkey

Mehmet Özen, Antalya Training and Research Hospital, Antalya, Turkey

Seçil Güner Arıca, University of Health Sciences Turkey, Prof. Dr. Cemil Taşcıoğlu City Hospital, İstanbul, Turkey

General Surgery

Section Editor of Surgical Oncology: Soykan Arıkan, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Section Editor of Gastrointestinal Surgery: Kıvanç Derya Peker, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Section Editor of General Surgery: Hasan Bektaş, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Abdul Cem İbiş, İstanbul University, Faculty of Medicine, İstanbul, Turkey

Ali Orhan Bilge, Koç University, Faculty of Medicine, İstanbul, Turkey

Erdal Birol Bostancı, Ankara City, Hospital, Ankara, Turkey

Güralp Onur Ceyhan, Mehmet Ali Aydınlar Acıbadem University, Faculty of Medicine, İstanbul, Turkey

Halil Alış, Aydın University, Faculty of Medicine, İstanbul, Turkey

Orhan Ağcaoğlu, Koç University, Faculty of Medicine, İstanbul, Turkey

Timuçin Taner, Mayo Clinic, Minnesota, United States

Gynecologic Oncology

İbrahim Yalçın, Ondokuz Mayıs University, Faculty of Medicine, Samsun, Turkey

Murat Öz, Ankara City Hospital, Turkey

Mustafa Zelal Muallem, Charite Universitatsmedizin, Berlin, Germany

Onur Güralp, Carl von Ossietzky Oldenburg University, Oldenburg, Germany

Hematology

Section Editor: Mesut Ayer, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Güven Çetin, Bezmialem University, Faculty of Medicine, İstanbul, Turkey

Şebnem İzmir Güner, Gelişim University, Memorial Hospital, İstanbul, Turkey

Sinan Dal, Abdurrahman Yurtarslan Ankara Oncology Hospital, Ankara, Turkey

Hepatobiliary Surgery and Liver Transplantation

Acar Tüzüner, Ankara University, Faculty of Medicine, Ankara, Turkey

Bülent Aydınlı, Akdeniz University, Faculty of Medicine, Antalya, Turkey

Gürkan Öztürk, Atatürk University, Faculty of Medicine, Erzurum, Turkey

Sezai Yılmaz, İnönü University, Faculty of Medicine, Malatya, Turkey

Infectious Disease and Microbiology

Section Editor: Özlem Altuntaş Aydın, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Behice Kurtaran, Çukurova University, Faculty of Medicine, Adana, Turkey

Fatma Gümüşer, Kahramanmaraş Sütçü İmam University, Faculty of Medicine, Kahramanmaraş, Turkey

Hayat Kumbasar Karaosmanoğlu, University of Health Sciences Turkey, Bakırköy Dr. Sadi Konuk Training and Research Hospital, İstanbul, Turkey

Meliha Meriç Koç, Bezmialem University, Faculty of Medicine, İstanbul, Turkey

Internal Medicine

Section Editor: Zeynep Karaali, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Alma Idrızi, UHC Mother Teresa, Tirana, Albania

Banu Böyük, Kartal Lütfi Kırdar City Hospital, İstanbul, Turkey

Esra Ataoğlu, University of Health Sciences Turkey, Haseki Training and Research Hospital, İstanbul, Turkey

Sema Basat, Ümraniye Training and Research Hospital, İstanbul, Turkey

Tayyibe Saler, Adana City Hospital, Adana, Turkey

Medical Biology

Çiğdem Kekik, İstanbul University, Faculty of Medicine, İstanbul, Turkey

Fatma Oğuz Sarvan, İstanbul University, Faculty of Medicine, İstanbul, Turkey

Medical Microbiology

Bekir Sami Kocazeybek, İstanbul University, Cerrahpaşa Faculty of Medicine, İstanbul, Turkey

Berrin Uzun, İzmir Tepecik Training and Research Hospital, İzmir, Turkey

İpek Kurtböke, University of Sunshine Coast, Sunshine Coast, Australia

Nuran Karabulut, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Onur Karatuna, EUCAST Development laboratory (EDL), Växjö, Sweden

Rıza Adaleti, İstanbul Haydarpaşa Numune Training and Research Hospital, İstanbul, Turkey

CSMJ

Volume: 3 • Issue: 3 • December 2023

Editorial Board

Sebahat Aksaray, Haydarpaşa Numune Training and Research Hospital, İstanbul, Turkey

Medical Oncology

Ahmet Taner Sümbül, Başkent University, Faculty of Medicine, Adana Turkey

Emre Yıldırım, Kartal Dr. Lütfi Kırdar City Hospital, İstanbul, Turkey

Gökmen Umut Erdem, İstanbul University, Cerrahpaşa Faculty of Medicine, İstanbul, Turkey

Neonatology

Ahmet Yağmur Baş, Etlik Zübeyde Hanım Women's Health Care, Training and Research Hospital, Ankara, Turkey

Hasan Sinan Uslu, University of Health Sciences Turkey, Şişli Hamidiye Etfal Training and Research Hospital, İstanbul Turkey

Melek Akar, Tepecik Training and Research Hospital, İzmir, Turkey

Senem Alkan Özdemir, İzmir Dr. Behçet Uz Children's Hospital, İzmir, Turkey

Yekta Öncel, İzmir Katip Çelebi University, Faculty of Medicine, İzmir, Turkey

Nephrology

Section Editor: Gürsel Yıldız, University of Health Sciences Turkey, Basakşehir Çam and Sakura City Hospital, Istanbul, Turkey

Funda Sarı, Akdeniz University, Faculty of Medicine, Antalya, Turkey

Rümeyza Kazancıoğlu, Bezmialem University, Faculty of Medicine, İstanbul, Turkey

Sinan Trabulus, İstanbul University, Cerrahpaşa Faculty of Medicine, İstanbul, Turkey

Neurology

Section Editor: Ayça Özkul, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Ayhan Köksal, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Halil Lütfi Canat, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Murat Çabalar, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Ufuk Emre, İstanbul Training and Research Hospital, İstanbul, Turkey

Utku Oğan Akyıldız, Adnan Menderes University, Faculty of Medicine, Aydın, Turkey

Neurosurgery

Ali Dalgıç, Ankara City Hospital, Ankara, Turkey

Erhan Arslan, Karadeniz Technical University, Faculty of Medicine, Trabzon, Turkey

Lütfi Şinasi Postalcı, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Osman Tanrıverdi, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Yasin Temel, Maastrich University Faculty of Medicine, Maastricht, Netherlands

Nuclear Medicine

Ömer Aras, Memorial Sloan Kettering Cancer Center, New York, United States

Sanaz Behnia, Washington University, School of Medicine, Seattle, United States

Tevfik Fikret Çermik, İstanbul Training and Research Hospital, İstanbul, Turkey

Obstetrics and Gynecology

Section Editor: Burak Yücel, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Berna Aslan Çetin, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Levent Yaşar, University of Health Sciences Turkey, Bakırköy Dr. Sadi Kanuk Training and Research Hospital, İstanbul, Turkey

Mesut Abdülkerim Ünsal, Çanakkale Onsekiz Mart University, Faculty of Medicine, Çanakkale, Turkey

Mete Gürol Uğur, Gaziantep University, Faculty of Medicine, Gaziantep, Turkey

Murat Ekin, University of Health Sciences Turkey, University of Health Sciences Turkey, Bakırköy Dr. Sadi Kanuk Training and Research Hospital, İstanbul, Turkey

Onur Erol, Antalya Training and Research Hospital, Antalya, Turkey

Veli Mihmanlı, University of Health Sciences Turkey, Prof. Dr. Cemil Taşcıoğlu City Hospital, İstanbul, Turkey

Ophtalmalogy

Ali Demircan, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Hayyam Kıratlı, Hacettepe University, Faculty of Medicine, Ankara, Turkey

Pelin Kaynak, İstanbul, Turkey

Sezen Karakuş, Wilmer Eye Institute, John Hopkins University, Baltimore, United States

Tekin Yaşar, Beyoğlu Eye and Research Hospital, İstanbul, Turkey

Yusuf Yıldırım, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Orthopedics

Section Editor: Mehmet Bülent Balioğlu,University of Health Sciences Turkey, Basakşehir Çam and Sakura City Hospital, Istanbul, Turkey

Abdul Fettah Büyük, University of Missouri, School of Medicine, Columbia, MO, United States

Abdulhamid Misir, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

CSMJ

Volume: 3 • Issue: 3 • December 2023

Editorial Board

Bekir Eray Kılınç, Fatih Sultan Mehmet Training and Research Hospital, İstanbul, Turkey

Haluk Çelik, Ümraniye Training and Research Hospital, İstanbul, Turkey

Volkan Gür, Binali Yıldırım University, Faculty of Medicine, Erzincan, Turkey

Yaşar Mahsut Dinçel, Namık Kemal University, Faculty of Medicine, Tekirdağ, Turkey

Otolaryngology

Section Editor: Şahin Öğreden, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Hüseyin Deniz, Yeditepe University, Faculty of Medicine, İstanbul, Turkey

İbrahim Sayın, University of Health Sciences Turkey, Bakırköy Dr. Sadi Konuk Training and Research Hospital, İstanbul, Turkey

Yalçın Alimoğlu, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Zahide Mine Yazıcı, University of Health Sciences Turkey, Bakırköy Dr. Sadi Konuk Training and Research Hospital, İstanbul, Turkey

Pathology

Banu Yılmaz Özgüven, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Hülya Akgün, Erciyes University, Faculty of Medicine, Kayseri, Turkey

Kea-Teak Jang, Sungkyunkwan University, Samsung Medical Center, Seoul, South Korea

Selvinaz Özkara, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Takuma Tajuri, Tokai University Hachioji Hospital, Tokyo, Japan

Esra Canan Kelten Talu, İzmir Tepecik Training and Research Hospital, İzmir, Turkey

Pediatrics

Section Editor: Şirin Güven, Prof. İhan Varank Training and Research Hospital, İstanbul, Turkey

Ali Kanık, Katip Çelebi University, Faculty of Medicine, İzmir, Turkey

Meltem Erol, Bağcılar Training and Research Hospital, İstanbul, Turkey

Özlem Bağ, Dr. Behçet Uz Training and Research Hospital, İzmir, Turkey

Vefik Arıca, Siirt University Faculty of Medicine, Siirt, Turkey

Pediatric Allergy

Emine Dibek Mısırlıoğlu, Ankara City Hospital, Ankara, Turkey

Ersoy Civelek, Ankara City Hospital, Ankara, Turkey

Zeynep Tamay, İstanbul University, İstanbul Faculty of Medicine, İstanbul, Turkey

Pediatric Cardiology

Section Editor: İbrahim Cansaran Tanıdır, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Antonia Sanchez Andres, Hospital General Universitario de Castellon, Castello, Spain

Celal Akdeniz, Medipol University, Faculty of Medicine, İstanbul, Turkey

Ehsan Aghaei Moghaddam, Tehran University Children's Medical Center, Tehran, Iran

Hakan Aykan, Hacettepe University, Faculty of Medicine, Ankara, Turkey

İsa Özyılmaz, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Pediatric Cardiovascular Surgery

Section Editor: Ali Can Hatemi, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Can Yerebakan, Children's National Hospital, Washington DC, United States

Hakan Ceyran, Kartal Koşuyolu Yüksek İhtisas Training and Research Hospital, İstanbul, Turkey

Işık Şenkaya Sağnak, Bursa Uludağ University, Faculty of Medicine, Bursa, Turkey

Okan Yıldız, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Yüksel Atay, Ege University, Faculty of Medicine, İzmir, Turkey

Pediatric Critical Care Medicine

Section Editor: Nurettin Onur Kutlu, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Ayşe Filiz Yetimakman, Kocaeli University, Faculty of Medicine, Kocaeli, Turkey

Halit Çam, Sancaktepe Prof. Dr. İlhan Varank Training and Research Hospital, İstanbul, Turkey

Muhterem Duyu, Göztepe Prof. Dr. Süleyman Yalçın City Hospital, İstanbul, Turkey

Pediatric Endocrinology

Bumin Dündar, İzmir Katip Çelebi University, Faculty of Medicine, İzmir, Turkey

Erdal Eren, Bursa Uludağ University, Faculty of Medicine, Bursa, Turkey

Semra Çetinkaya, Dr. Sami Ulus Obstetrics and Pediatrics Training and Research Hospital, Ankara, Turkey

Pediatric Gastroenterology

Section Editor: Günsel Kutluk, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Gökhan Tümgör, Çukurova University, Faculty of Medicine, Adana, Turkey

Maşallah Baran, İzmir Katip Çelebi University, Faculty of Medicine, İzmir, Turkey

CSMJ

Volume: 3 • Issue: 3 • December 2023

Editorial Board

Pediatric Hematology

Ayşe Turhan, Göztepe Prof. Dr. Süleyman Yalçın City Hospital, İstanbul, Turkey

Deniz Tuğcu, İstanbul University, Faculty of Medicine, İstanbul, Turkey

Hüseyin Tokgöz, Necmettin Erbakan University, Meram Faculty of Medicine, Konya, Turkey

Suar Çakı Kılıç, Ümraniye Training and Research Hospital, İstanbul, Turkey

Zeynep Canan Özdemir, Osmangazi University, Faculty of Medicine, Eskişehir, Turkey

Pediatric Immunology

Section Editor: Çiğdem Aydoğmuş, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Safa Barış, Marmara University, Faculty of Medicine, İstanbul, Turkey

Ferah Genel, Dr. Behçet Uz Training and Research Hospital, İzmir, Turkey

Pediatric Infectious Disease

Section Editor: Canan Caymaz, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Eda Karadağ Öncel, İzmir Tepecik Training and Research Hospital, İzmir, Turkey

Nevin Hatipoğlu, University of Health Sciences Turkey, Bakırköy Dr. Sadi Konuk Training and Research Hospital, İstanbul, Turkey

Pediatric Metabolism

Section Editor: Hasan Önal, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Çiğdem Seher Kasapkara, Yıldırım Beyazıt University, Faculty of Medicine, Ankara, Turkey

Pediatric Nephrology

Section Editor: Sevgi Yavuz, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Alev Yılmaz, İstanbul University, İstanbul Faculty of Medicine, İstanbul, Turkey

Hasan Dursun, University of Health Sciences Turkey, Prof. Dr. Cemil Taşcıoğlu City Hospital, İstanbul, Turkey

Pediatric Neurology

Section Editor: İhsan Kafadar, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Andreas Hahn, Justus Liebig University, Giessen, Germany

Esra Gürkaş, Ankara City Hospital, Ankara, Turkey

Gülşen Köse, İstinye University, Faculty of Medicine, İstanbul, Turkey

Pediatric Psychiatry

Caner Mutlu, Bursa Uludağ University, Faculty of Medicine, Bursa, Turkey

Mustafa Çakan, Zeynep Kamil Maternity and Children's Training and Research Hospital, İstanbul, Turkey

Nuray Aktay Ayaz, İstanbul University, Faculty of Medicine, İstanbul, Turkey

Pediatric Romatology

Sezgin Şahin, İstanbul University, Cerrahpaşa Faculty of Medicine, İstanbul, Turkey

Pediatric Surgery

Abdullah Yıldız, University of Health Sciences Turkey, Şişli Hamidiye Etfal Training and Research Hospital, İstanbul, Turkey

Çetin Ali Karadağ, University of Health Sciences Turkey, Prof. Dr. Cemil Taşcıoğlu City Hospital, İstanbul, Turkey

Melih Akın, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Muazzez Çevik, Mehmet Ali Aydınlar Acıbadem University, İstanbul, Turkey

Süleyman Çelebi, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Perinatology

Section Editor: İbrahim Polat, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Fikret Gökhan Göynümer, Düzce University, Faculty of Medicine, Düzce, Turkey

Hakan Erenel, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Mekin Sezik, Süleyman Demirel University, Faculty of Medicine, Isparta, Turkey

Muhittin Etfal Avcı, Antalya Memorial Hospital, Antalya, Turkey

Özhan Turan, University of Maryland, School of Medicine, Baltimore, United States

Psychiatry

Section Editor: Oya Güçlü, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Aslı Ener Darçın, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Cüneyt Evren, Bakırköy Mental Health Research and Teaching Hospital, İstanbul, Turkey

Fatih Öncü, Bakırköy Mental Health Research and Teaching Hospital, İstanbul, Turkey

Hüsnü Erkmen, Üsküdar University, Faculty of Medicine, İstanbul, Turkey

Osama Abulseoud, Biomedical Research Center, Maryland, United States

Ömer Şenormancı, Bursa Yüksek İhtisas Training and Research Hospital, Bursa, Turkey

Physical Medicine and Rehabilitation

Section Editor: Evrim Coşkun, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Beril Özcan Doğu, University of Health Sciences Turkey, Şişli Hamidiye Etfal, Training and Research Hospital, İstanbul

CSMJ

Volume: 3 • Issue: 3 • December 2023

Editorial Board

Domenica Corda, Polimedica San Lanfranco, Pavia, Italy

Sevgi İkbali Afşar, Başkent University, Faculty of Medicine, Ankara, Turkey

Sibel Ünsal Delioğlu, Ankara City Hospital, Ankara, Turkey

Plastic and Reconstructive Surgery

İsmail Ermiş, İstanbul University, İstanbul Faculty of Medicine, İstanbul, Turkey

Ömer Berkoz, İstanbul University, İstanbul Faculty of Medicine, İstanbul, Turkey

Ufuk Emekli, İstanbul University, İstanbul Faculty of Medicine, İstanbul, Turkey

Radiation Oncology

Aylin Fidan Korcum Şahin, Akdeniz University, Faculty of Medicine, Antalya, Turkey

Daniel Low, University of California, Los Angeles, United States

Mahmut Özşahin, University of Lausanne Medical Center, Lausanne, Switzerland

Ömür Karakoyun Çelik, Manisa Celal Bayar University, Faculty of Medicine, Manisa, Turkey

Vuslat Yürüt Çaloğlu, Trakya University, Faculty of Medicine, Edirne, Turkey

Yasemin Bölükbaşı, Koç University, Faculty of Medicine, İstanbul, Turkey

Radiology

Bengi Gürses, Koç University, Faculty of Medicine, İstanbul, Turkey

Burak Koçak, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Elif Hocaoğlu, University of Health Sciences Turkey, Bakırköy Dr. Sadi Konuk Training and Research Hospital, İstanbul, Turkey

Neslihan Taşdelen, Yeditepe University, Faculty of Medicine, İstanbul, Turkey

Serkan Arıbal, University of Health Sciences Turkey, Prof. Dr. Cemil Taşcıoğlu City Hospital, İstanbul, Turkey

Renal Transplantation

Alp Gürkan, Okan University, Faculty of Medicine, İstanbul, Turkey

Gürsel Yıldız, Yeni Yüzyıl University, İstanbul, Turkey

İbrahim Berber, Acıbadem Mehmet Ali Aydınlar University Faculty of Medicine, İstanbul, Turkey

Süheyla Apaydın, Yeditepe University, Faculty of Medicine, İstanbul, Turkey

Romatology

Section Editor: Cemal Bes, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Sibel Zehra Aydın, Ottowa University, Faculty of Medicine, Ottowa, Canada

Timuçin Kaşifoğlu, Eskişehir Osmangazi University, Faculty of Medicine, Eskişehir, Turkey

Umut Kalyoncu, Hacettepe University, Faculty of Medicine, Ankara, Turkey

Vedat Hamuryudan, İstanbul Cerrahpaşa University, Faculty of Medicine, İstanbul, Turkey

Thoracic Surgery

Section Editor: Hasan Akın, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Ali Cevat Kutluk, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Alper Toker, West Virginia University, Faculty of Medicine, Morgantown, United States

Hacıali Kılıçgün, Abant İzzet Baysal University, Faculty of Medicine, Bolu, Turkey

Urology

Section Editor: Abdulmuttalip Şimsek, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Alper Ötünçtemur, University of Health Sciences Turkey, Prof. Dr. Cemil Taşcıoğlu City Hospital, İstanbul, Turkey

Feyzi Arda Atar, University of Health Sciences Turkey, Bakırköy Dr. Sadi Konuk Training and Research Hospital, İstanbul, Turkey

Lütfi Canat, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Sinan Levent Kireçci, University of Health Sciences Turkey, Şişli Hamidiye Etfal Training and Research Hospital, İstanbul, Turkey

Yusuf Özlem İlbey, İzmir Tepecik Training and Research Hospital, İzmir, Turkey

Zafer Gökhan Gürbüz, Adana City Hospital, Adana, Turkey

CSMJ

Volume: 3 ▪ **Issue:** 3 ▪ December **2023**

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

The editorial and publication process of Cam and Sakura Medical Journal are shaped in accordance with the guidelines of the ICMJE, WAME, CSE, COPE, EASE, and NISO. The journal is in conformity with the Principles of Transparency and Best Practice in Scholarly Publishing.

Cam and Sakura Medical Journal is indexed in **DOAJ, J-Gate, Türk Medline, EBSCO** and **Gale**.

The journal is published electronically.

Owner: Başakşehir Cam and Sakura City Hospital

Responsible Manager: Merih Çetinkaya

CSMJ

Volume: 3 • Issue: 3 • December 2023

Contents

REVIEWS

P86 **COVID-19 Vaccines**
Sibel Yıldız Kaya, Abdurrahman Kaya, Bilgül Mete

P91 **Treatment of COVID-19: Antivirals, Antibody Products, Immunomodulators, Antithrombotic Therapy, and Supplements**
Asuman İnan, Sibel Bolukçu

ORIGINAL ARTICLES

P101 **Evaluation of Colistin Performance of Phoenix M50 with Sensitivity to FRCOL in Clinical Isolates**
Ayşe Nur Ceylan, Selda Kömeç, Abdurrahman Gülmez, Beyza Öncel

P107 **Investigation of Non-cardiac Findings in Conotruncal Heart Diseases in Children**
Gülce Gökmen, Halise Zeynep Genç, İbrahim Cansaran Tanıdır, Erkut Öztürk

CASE REPORTS

P113 **The Effect of Proactive Approach to Malnutrition and its Impact on Quality of Life in Patients with Head and Neck Malignities: A Case Example**
Sibel Baktır Altuntaş, Başak Korkmazer, Hilal Özkaya, Kübra Perişan Eker, Arif Eker

P116 **Active Pulmonary Tuberculosis During Interferon Beta-1a Therapy in a Child with Multiple Sclerosis: A Case Report**
Pakize Cennetoğlu, Zeynep Öz, Canan Caymaz, Peren Perk Yücel, Pınar Arıcan, İhsan Kafadar

P120 **Congenital Scoliosis with Bilateral Foramen Transversarium in the Fifth Lumbar Vertebra**
Yiğit Önaloğlu, Kadir Abul, Ali Kürşad Ganiyusufoğlu, Ali Volkan Özlük, Mehmet Bülent Balioğlu

P123 **Minimally Invasive Resection of a Giant Right Atrial Myxoma: A Case Report**
Emre Boysan, Osman Fehmi Beyazal, Renda Cırcı, Erol Şener

INDEX

2023 Referee Index

2023 Author Index

2023 Subject Index