

CARDIOVASCULAR SURGERY and INTERVENTIONS

Official Electronic Journal of the Turkish Society of Cardiovascular Surgery



Volume: 9 / Number: 3 / November 2022



CARDIOVASCULAR SURGERY AND INTERVENTIONS

Volume 9 - Number 3 - November 2022

Owner on behalf of the Turkish Society of Cardiovascular Surgery

Ahmet Kürşat Bozkurt, MD.

Department of Cardiovascular Surgery, Istanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, Istanbul, Türkiye

Editor

Bilgin Emrecan, MD.

Department of Cardiovascular Surgery, Pamukkale University Medical Faculty, Denizli, Türkiye

Associate Editors

Orhan Gökalp, MD.

Department of Cardiovascular Surgery, Izmir Katip Çelebi University,
Faculty of Medicine, Izmir, Türkiye

A. Umit Güllü, MD.

Department of Cardiovascular Surgery, Acıbadem Maslak Hospital, Istanbul, Türkiye

Şahin Bozok, MD.

Department of Cardiovascular Surgery,
Izmir Bakırçay University, Faculty of Medicine, Izmir, Türkiye

Şahin İşcan, MD.

Department of Cardiovascular Surgery,
Izmir Atatürk Training and Research Hospital, Izmir, Türkiye

Hakan Saçlı, MD.

Department of Cardiovascular Surgery, Sakarya Training and Research Hospital, Sakarya University School of Medicine, Sakarya, Türkiye

Ahmet Çoşkun Özdemir, MD.

Department of Cardiovascular Surgery, Karadeniz Technical University
Faculty of Medicine, Trabzon, Türkiye

Mehmet Taşar, MD.

Department of Cardiovascular Surgery, Ankara Dr. Sami Ulus Maternity, Child Health and Diseases Training and Research Hospital, Ankara, Türkiye

Murat Uğur, MD.

Department of Cardiovascular Surgery, Sancaktepe Şehit Professor İlhan Varank Training and Research Hospital Istanbul, Türkiye

Can Yerebakan, MD.

Department of Cardiac Surgery, Children's National Hospital, The George Washington University School of Medicine and Health Sciences, Washington, DC, USA

Okan Yıldız, MD.

Department of Cardiovascular Surgery, Mehmet Akif Ersoy Thoracic and Cardiovascular Surgery Training and Research Hospital, İstanbul, Türkiye

Former Editors

Anıl Z. Apaydın, MD. (2014-2015) Şahin Şenay, MD. (2015-2017) Mustafa Bahadır İnan, MD. (2017-2019)

Cardiovascular Surgery and Interventions is the official and periodical journal of the Turkish Society of Cardiovascular Surgery.

It is published three times a year.

 $Material\ published\ in\ the\ Journal\ is\ covered\ by\ copyright\ @2022\ Turkish\ Society\ of\ Cardiovascular\ Surgery.\ All\ rights\ reserved.$

The Cardiovascular Surgery and Interventions is indexed in the following database:

TÜBİTAK, ULAKBİM (Turkish Medical Abstracts), Google Scholar, Advanced Sciences Index, Directory of Research Journals Indexing,
International Institute of Organized Research (I2OR), International Innovative Journal Impact Factor (IIJIF), Citefactor, ResearchBib, Asos Index, Scientific Indexing Services,
J-Gate, Root Indexing, Eurasian Scientific Journal Index, Infobase and TurkMedline

Executive office:

Türk Kalp ve Damar Cerrahisi Derneği Ataşehir Mah., Ataşehir Bulvarı, 48 Ada, Mimoza 2/2, K: 2, D: 6, 34758 Ataşehir, İstanbul, Türkiye Tel: +90 216 - 456 14 54 Fax: +90 216 - 456 14 54 e-mail: info@tkdcd.org URL: http://www.tkdcd.org

Editorial Contact Person

Bilgin Emrecan, MD. e-mail: bilginemrecan@yahoo.com

Publisher

Bayçınar Tıbbi Yayıncılık ve Reklam Hiz. Tic. Ltd. Şti. Örnek Mah., Dr. Suphi Ezgi Sok., Saray Apt., No: 11, D: 6, 34704 Ataşehir, İstanbul, Türkiye Tel: +90 216 - 317 41 14 e-mail: info@baycinartibbiyayincilik.com

Type of publication: Periodical Publication date: October 14, 2022

The control of conformity with the journal standards and the typesetting of the articles in this journal, the control of the English abstracts and references and the preparation of the journal for publishing were performed by Bayçınar Medical Publishing.

CONTENTS

ORIGINAL ARTICLES
Results of negative pressure wound therapy for deep sternal wound infections after cardiac surgery Fatih Avni Bayraktar, Abdulkerim Özhan, Murat Baştopçu, Hatice Kübra Özhan, Evren Müge Taşdemir Mete
The treatment indication affects the time in therapeutic range Hasan İner
The association of new atherosclerosis markers with coronary collaterals in chronic total occlusion patients Nadir Emlek, Ali Gökhan Özyıldız, Elif Ergül, Muhammed Mürsel Öğütveren, Muhammet Öztürk, Cihan Aydın
Determination of predischarge learning needs of patients with myocardial infarction Tuğba Mutluluk Sarıoğlu, Fadime Gök
Defining early right ventricular failure during left ventricular assist device implantation: Retrospective analysis of intraoperative management Mustafa Şimşek, Müge Taşdemir Mete
Early-term outcomes of simultaneous carotid endarterectomy and coronary revascularization Ömer Nuri Aksoy, Yunus Nazlı
CASE REPORTS
A rare and challenging mitral valve replacement in a child with Hurler syndrome İlker Mercan, Fatih Durak, Meltem Çakmak, Muhammet Akyüz, Onur Işık
Robotic atrial septal defect closure with valved pericardial patch in a pulmonary hypertensive patient Murat Kadan, Gökhan Erol, Emre Kubat, Mehmet Emin İnce, Tuna Demirkıran, Cengiz Bolcal
Right ventricular pseudoaneurysm repair and fibrin pericardiectomy after a fall from height in a young male patient Fatih Ada, Vural Polat
Left main coronary artery osteoplasty with pulmonary autograft in a child with familial hypercholesterolemia Berra Zümrüt Tan-Recep, Ali Can Hatemi

Penetrating gluteal trauma managed by surgical treatment with an added value of digital subtraction angiography

HOW TO DO IT?