Original Articles

- Dimenhydrinate and Ondansetron Postnatal Development
  Kadir Desdicioglu et al.; Isparta, Turkey

- Single-dose Methotrexate in Ectopic Pregnancy
  Aysun Aybatli et al.; Edirne, Turkey

- IRS-2 and Ovarian Cancer
  Filiz Cayan et al.; Mersin, Turkey

- Effects of FGF-9 on Embryonic Development
  Ilkim Ilknur Tekinarslan et al.; Kayseri, Turkey

- Serum Ferritin Levels in Pregnancy
  Cengiz Demir et al.; Van, Turkey

- Detection of Intracranial Aneurysms by 64-slice CTA
  Elif Ergun et al.; Ankara, Turkey

- Assessment of Stroke with Biochemical Markers
  Ilhan Korkmaz et al.; Sivas, Turkey

- HSV-1 Seroepidemiology in Black Sea Region of Turkey
  Fusan Artiran Igde et al.; Samsun, Turkey

- Feedback Impact on Motivation
  Sevgi Turan et al.; Ankara, Turkey

- The Effects of Elimination of Gate-Keeping on Tertiary Care
  Nazan Savas et al.; Hatay, Turkey

- Evaluation of Health Care Services in the Erzurum Region
  Yusuf Ustu et al.; Ankara, Turkey

- Anger in Physicians
  Emel Kocer et al.; Duzce, Turkey

- Academic Job Satisfaction
  Nezih Dagdeviren et al.; Aydin, Turkey

- Myocardial Protection in Coronary Artery Bypass
  Ali Can Hatemi et al.; Istanbul, Turkey

- Gamma Irradiation-Induced Duodenal Mucosal Injury
  Meryem Akpolat et al.; Zonguldak, Edirne, Turkey

- Prognostic Value of Lymph Node Ratio for Colorectal Cancer
  Yavuz Ozdemir et al.; Istanbul, Turkey
BALKAN MEDICAL JOURNAL
THE OFFICIAL JOURNAL OF TRAKYA UNIVERSITY FACULTY OF MEDICINE

Citation Abbreviation: Balkan Med J  (Formerly Trakya Üniversitesi Tıp Fakültesi Dergisi)

Editor-in-Chief
Levent ÖZTÜRK

Editors
Yahya ÇELİK
Zafer KOÇAK
Nurettin AYDOĞDU
Özer ARICAN
Mustafa İNAN
Mustafa ÇIKRIKÇIOĞLU

Biostatistic Editor
Necdet SÜT

International Editorial Board
Afksendyios KALANGOS, Switzerland
Ahmet GÜRAKAR, USA
Anthony H. DICKENSON, UK
Bülfent SÜMERKAN, Turkey
Christian APFEL, USA
Çetin ÖNSEL, Turkey
Eyüp Sabri AKARSU, Turkey
Fahrettin KELEŞTİMUR, Turkey
Hans-Juergen BIERASCH, Germany
Hasan YAZICI, Turkey
Jean-Marc NABHOLTZ, France
Juan A. TOVAR, Spain
Keiji OGUMA, Japan
M. İbrahim ZİYAL, Turkey
March H. JANSSEN, Germany
Mark D. WALTERS, USA
Mehmet BAYKARA, Turkey
Mehmet Yaşar İŞCAN, Turkey
Michael D. SUSSMAN, USA
Mirko TOS, Denmark
Mustafa B.A. DJAMGOZ, UK
Serhan ALKAN, USA
Stavros BALOYANNIS, Greece
Ten FEIZI, UK
Todor KANTARDJIEV, Bulgaria

Balkan Medical Journal is indexed in Science Citation Index Expanded, Journal Citation Reports, EMBASE, Scopus, CINAHL, EBSCO, DOAJ, Chemical Abstracts, Tübitak/Ulakbim Türk Tip Dizini, and Index Copernicus databases.

Checking the consistency with the journal’s standards and typesetting of the manuscripts, editing of the English abstracts, full-text and references, preparation for publishing and printing of the journal have been carried out by AVES Publishing.
AIMS AND SCOPE

Balkan Medical Journal is an international journal publishing clinical and experimental studies, interesting case reports, invited reviews, letters to the Editor, meeting abstracts, news and bulletin, clinical news and abstracts of interesting researches conducted in all fields of medicine. The language of the journal is English. The journal is based upon independent and unbiased double-blinded peer-review principles.

The journal is the scientific publication of Trakya University Faculty of Medicine and published four times per year; in March, June, September and December. The journal is financed by Trakya University Faculty of Medicine.

The aim of the journal is to publish original articles with highest clinical and scientific quality at the international level. Moreover, reviews covering main innovations in medical education, Editorials, case reports and original images are also accepted for publication.

The target group of the journal is academicians, researchers, specialists and primary care physicians working in all branches of medicine.

Editorial and publication processes of the journal are conducted in compliance with ICMJE, WAME and COPE standards.

Balkan Medical Journal is indexed in Science Citation Index Expanded, Journal Citation Reports, EMBASE, Scopus, CINAHL, EBSCO, DOAJ, Chemical Abstracts, Tübitak/Ulakbim Türk Tıp Dizini, and Index Copernicus databases.

Subscriptions/Permissions and Reprints/Advertisements
Free full-text articles can be accessed from the following link: www.balkanmedicaljournal.org; with no charge. Applications for subscriptions, permissions, reprints and advertisements should be made to the Editorial Office.

Editorial Office
Editorial Secretary: Elif Ezgi GÜREL
Address: Trakya Üniversitesi Tıp Fakültesi Dergisi, Trakya Üniversitesi Tıp Fakültesi, 22030 Edirne
Phone: +90 284 235 76 41/1420
Fax: +90 284 235 76 52
E-mail: tutfd_editorluk@trakya.edu.tr

Publisher
AVES Publishing-İbrahim KARA
Address: Kazılema cad. 5/3 34096 Fındıkzade-Istanbul
Phone: +90 212 589 00 53
Fax: +90 212 589 00 94
E-mail: info@avesyayincilik.com

Instructions for Authors
Instructions for authors are available in the print version of the journal and in the following link: www.balkanmedicaljournal.org

Material Disclaimer
All opinions and reports within the articles that are published in the Balkan Medical Journal are the personal opinions of the authors. The Editors and the publisher do not accept any responsibility for these articles.

The journal is printed on acid-free paper.
INFORMATION FOR THE AUTHORS

The Balkan Medical Journal is an international journal which publishes clinical and experimental trials, interesting case reports, invited reviews, letters to the Editor, meeting, news and bulletin, clinical news and abstracts of interesting researches conducted in all fields of medicine. The language of the journal is English. The journal is based upon independent and unbiased double-blinded peer-review principles.

The Journal is the scientific publication of the Trakya University Faculty of Medicine, and is published four times per year; in March, June, September and December.

The authors are responsible for the scientific content of the material to be published.

Manuscripts must only be submitted electronically through the following website: www.balkanmedicaljournal.org

Only the papers that have not previously been published in any scientific publication are accepted for publication. Manuscripts that have been presented orally or as a poster must be stated on the title page with the date and the place of the congress.

All articles submitted for publication are peer-reviewed for their suitability for the Journal. Papers do not comply with the format of the Journal will be returned to the author without further review. Therefore, to avoid time and work loss, authors must carefully review the rules of the journal.

Manuscripts that comply with the main rules of the journal are sent to at least two reviewers from Advisory Board, and the reviewers are asked for opinion about the suitability of the paper for publication. The reviewed manuscripts are then re-reviewed by the Editorial Board and the publisher and volume of the manuscripts are arranged.

All submissions must be accompanied by a signed statement of scientific contributions and responsibilities of all authors and a statement declaring the absence of conflict of interests.

Any institution, organization, pharmaceutical or medical company providing any financial or material support, in whole or in part, must be disclosed in a footnote.

Manuscript format must be in accordance with the ICMJE-Uniform Requirements for Manuscripts Submitted to Biomedical Journals: Writing and Editing for Biomedical Publication available at http://www.icmje.org

The Advisory Board, Editorial Board and the Publisher have the authority to edit the manuscripts, request changes in the format of the manuscripts, and make reductions within the authors' knowledge in typographic control. Until the required changes and edits have been made, the papers will not be preceded for publication.

Manuscript Sections

The manuscript file should include full and short title, key words, text, references, tables (each table on a separate page), figure legends (if any) in the mentioned order. Author names and their institutional information, figures and illustrations should not be present in the manuscript file.

Abstracts should follow the titles. For research articles, abstracts should be structured as follows: Objective, Material and Methods, Results, Conclusion, and should not exceed 200 words. The main text should be structured as follows: Introduction, Methods, Results, Discussion, Conflict of Interest Disclosure and References. Abstracts of case reports should mainly include information about the case and should consist of a short and single paragraph. Only the abstract must begin on a separate page. Case reports should also be structured as Introduction, Case(s) and Discussion following the titles and abstracts.

References

Reference listing must be in accordance with ICMJE standards and numbered consecutively at the end of the manuscript in the order in which they are mentioned in the text. Journal abbreviations should be in Index Medicus style. If there are more than six authors, it should be abbreviated with the use of “et al.”.

Authors should only cite the articles that they have directly used. Our journal does not approve the citations made from references of any other articles. If a reference is considered not to be directly cited, the reference(s) must be verified by the authors against the original documents by sending the photocopy of the first page(s). Any citation of unpublished work, of which the page numbers could not be provided, such unpublished conference, symposium, and meeting presentations, is permissible.

Tables, Figures, Graphics and Photographs

Tables, figures and graphics should not be embedded in the manuscript. Each table must be on a separate sheet. Figures, graphics and photographs must be submitted as a separate file in jpeg format in high resolution.

Table and figure legends must be placed at the end of the main text. Tables, figures and graphics must be cited in the text.

Ethics


For articles concerned with experimental research on humans, a sentence showing that the informed consent of patients and volunteers has been obtained following a detailed explanation of the procedures that they may undergo. All recognizable photographs of patients must be accompanied by a written permission of patient for reproduction.

In such studies, authors should clearly state the compliance with internationally accepted guidelines and the guidelines issued by the Republic of Turkey Ministry of Health and published in the Official Journal dated 29 January 1993 number 21480 ‘Regulations Concerning Drug Research’, and other more recently published rules laid out in governing statutes. They should forward a copy of the Ethic Committee Approval received from the relevant institution. In the manuscript, the procedures that have been performed to eliminate any pain, harm and distress in subjects should be clearly stated.

Editorial Office

Editorial Secretary: Elif Ezgi GÜREL
Address: Trakya Üniversitesi Tıp Fakültesi Dergisi, Trakya Üniversitesi Tıp Fakültesi, 22030 Edirne
Phone: +90 284 235 76 41/1420
Fax: +90 284 235 76 52
E-mail: tufed_editorial@trakya.edu.tr
CONTENTS

Original Articles

1 Effects of Dimenhydrinate and Ondansetron Used in Pregnant Rats on Postnatal Morphometric Development
Kadir Desdicioğlu, Neslihan Cankara, Emine Hilal Evcil, Razie Desdicioğlu, Mehmet Ali Malas, Isparta, Turkey

10 Single Dose Methotrexate in Treatment of Ectopic Pregnancy: Review of 32 Case
Aysun Aybatlı, Petek Balkanlı Kaplan, Mehmet Alicik, Niyazi Cenk Sayın, Mehmet Ali Yüce, Edirne, Turkey

14 Association of Insulin Receptor Substrate-2 Gene Polymorphism with Ovarian Cancer
Filiz Çayan, Ramazan Gen, Nurcan Aras Ateş, Lokman Ayaz, Esen Akbay, Saffet Dilek, Mersin, Turkey

18 The Effects of FGF-9 on In Vitro Embryonic Development
İlknur Tekinarslan, Erdoğan Unur, Harun Ölger, Nihat Ekinci, Tolga Ertek, Mehtap Hacıalioğulları, Seda Arslan, Kayseli, Turkey

23 Serum Ferritin Levels in Pregnancy
Cengiz Demir, Cemal Ertan Kocaman, İmdat Dilek, Van, Turkey

26 Diagnostic Value of 64-slice CTA in Detection of Intracranial Aneurysm in Patients with SAH and Comparison of the CTA Results with 2D-DSA and Intraoperative Findings
Elif Ergun, Murat Haberal, Pınar Koşar, Ali Yılmaz, Uğur Koşar, Ankara, Turkey

33 The Clinical Significance of Multimarker Index for Early Diagnosis Among the Patients Admitted to the Emergency Department with Suspected Stroke
İlhan Korkmaz, Şevki Hakan Eren, Fatma Mutlu Kükül Güven, Hatice Seğmen, Sivas, Turkey

37 Seroepidemiological Study of Herpes Simplex Virus Type 1 in the Black Sea Region of Turkey
Füsun Arıcan İşge, Zafer Yazıcı, Zeynep İşge, Samsun, Turkey

43 The Impact of Standardized Patient Feedback on Student Motivational Levels
Seyfi Turan, Sarp Üner, Melih Elçin, Ankara, Turkey

49 The Effects of Elimination of Gate-Keeping on Tertiary Care and the Social Insurance System
Nazar Savaş, Cahit Özer, Tacetin İnandi, Hatay, Turkey

55 Evaluation of Primary and Secondary Health Care Services in the Erzurum Region Between 2002-2008
Yusuf Üstü, Mehmet Uğurlu, Muhammet Örnek; Selim Yavuz Sanışoğlu, Ankara, Turkey

62 Anger Management and Factors that Influence Anger in Physicians
Emel Koçer, Abdulkadir Koçer, Fatih Canan, Düzce, Turkey

69 Factors Affecting Job Satisfaction Among Academic Staff
Nezih Dağdeviren, Zeliha Musağlu, İmran Kurt Ömür, Serdar Öztora, Edirne, Aydın, Turkey

75 Myocardial Protection with Simultaneous Antegrade/Vein Graft Cardioplegia Compared to Antegrade Cardioplegia Alone in Elective Coronary Artery Bypass Grafting Patients
Ali Can Hatemi, Rifat Erarl Usuloy, Mete Gürsoy, Aybala Tongut, Mustafa Canikoğlu, Ayşem Kaya, Nadiye Pınar Ay, Rasim Enar, Fatma Ferda Sözer, Kamil Karaoğlu, Erhan Kansiz, İstanbul, Turkey

80 Protective Effects of Ibufrofen and L-Carnitine Against Whole Body Gamma Irradiation-Induced Duodenal Mucosal Injury
Meryem Akpolat, Yeter Topçu-Tarlabacaşlı, Dikmen Dökmeç, Fatma Nesrin Turan, Mustafa Cem Üzal, Zonguldak, Edirne, Turkey

86 Prognostic Value of Lymph Node Ratio for Colorectal Cancer
Yavuz Özdemir, Sevim Özdemir, Ali İker Filiz, İker Sücüllü, Yavuz Kurt, Mehmet Yıldız, İstanbul, Turkey
Case Reports

91 Webbed Penis Associated with Urethral Duplication: A Case Report
Burhan Aksu, Mustafa Inan, Mehmet Pul, Edirne, Turkey

94 Transmural Migration of A Retained Sponge Through the Rectum: A Case Report
Orhan Veli Özkan, Gürhan Baş, Adem Akçakaya, Mustafa Şahin, Hatay, İstanbul, Turkey

96 Thyroid Emphysema Following Penetrating Neck Trauma
Demet Karadağ, Egemen Doner, Baki Adapınar, Eskişehir, Turkey

99 A Case of Devic’s Syndrome Presenting with Tonic Spasm: Response to Levetiracetam Treatment
Alev Leventoğlu, Demet Karadağ, Zülküf Mehmet Onal, Ankara, Turkey

102 Fatal Acute Diclofenac-Induced Rhabdomyolysis in A Pediatric Patient
Ahmet Güzel, Betül Orhaner Biner, Serap Karasalıhoğlu, Hakan Aylanç, Edirne, Turkey

104 Tracheobronchomalacia and/or Excessive Dynamic Airway Collapse?
Celal Karlıkaya, Banu Alicioğlu, Edirne, Turkey

107 Pseudoarachnoiditis in Spontaneous Intracranial Hypotension
Özlem Alkan, Tülin Yıldırım, Osman Kızılkılıç, Sait Albayram, Naime Altınkaya, Ankara, İstanbul, Turkey

111 MDCT Diagnosis of Isolated Colonic Hernia Through the Esophageal Hiatus
Naime Altınkaya, Zafer Koç, Özlem Alkan, Şenay Demir, Adana, Turkey

113 A Rare Case of Cranial Osteomyelitis Caused by Proteus Vulgaris
Hakan Uslu, Gökşin Şengül, Osman Aktaş, Erzurum, Turkey

Letter to the Editor

116 Rates and Risk Factors of Staphylococcus aureus Nasal Carriage in Elementary School Children
Abdullah Kılıç, Ahmet Başustaoğlu, Ankara, Turkey
EDITORIAL

The journal “Trakya Üniversitesi Tıp Fakültesi Dergisi” changes its title to “Balkan Medical Journal”

“The only thing unchanged is change”

Dear Colleagues,

As the editor-in-chief of the journal, I would like to inform you that we have decided to change the official title of the journal from “Trakya Üniversitesi Tıp Fakültesi Dergisi” to “Balkan Medical Journal”. For more than 20 years, the Trakya Üniversitesi Tıp Fakültesi Dergisi has been published to disseminate biomedical scientific knowledge. However, the title was not universally applicable and this made it difficult to monitor citation reports. Authors and reviewers from other countries found it difficult to search in the online search-engines and to reach the website, because of the difficulty in pronunciation and syllabication. Furthermore, during manuscript preparation, the journal title is thought to be a factor when preparing the references section (1). We, as the editorial board of the journal, believe that an ideal journal title should be brief, clear, unique, indicative of the scope of publication, and easily remembered. The title Balkan Medical Journal meets all these criteria and also has the potential for greater global acceptance. The abbreviation of the title is now Balkan Med J, which also meets criteria for easy citing.

As a result of globalization and rapid development of online communication, the English language has inevitably become the means of academic communication. Thus, in order to respond to these developments and become a widely distributed journal worldwide, especially in the Balkan Region, we have also decided to publish our papers in English, which is the current lingua franca of international science. Previously accepted papers in Turkish will be published in Turkish, but new submissions will be accepted in English. The journal is of course continuing as an open access journal and all articles may be freely downloaded in pdf form at the journal’s website. It is our hope that the Balkan Medical Journal will be the leading medical journal in its region.

Through this official announcement, we kindly request you to use the new title, i.e. Balkan Medical Journal, in your future communications with us. All previously accepted manuscripts will be published with the new title by the year 2011. I would like to thank all authors and reviewers, without whose contribution no journal can survive. I would also like to once again express my personal gratitude to Prof. Murat Dikmengil, the Dean of the Medical Faculty and Prof. Enver Duran, the Rector of Trakya University who supported us during difficult times, all editorial committee members, and international advisory board members for their efforts and contributions in making the journal a prestigious one.

Kind Regards,

Levent ÖZTÜRK
Editor-in-Chief

Reference