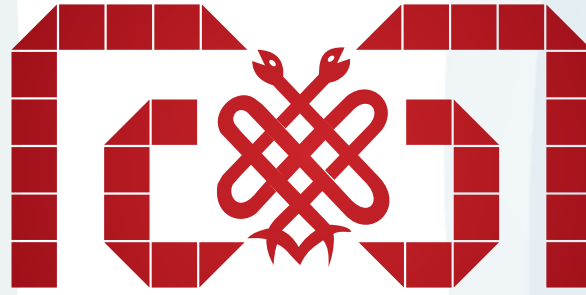


Year: 2016 December  
Volume: 17  
Issue: 3

E-ISSN: 2149-9063



# MEANDROS

MEDICAL AND DENTAL JOURNAL



MEANDROS MEDICAL AND DENTAL JOURNAL

THE OFFICIAL JOURNAL OF ADNAN MENDERES UNIVERSITY  
FACULTY OF MEDICINE AND DENTISTRY

Citation Abbreviation: *Meandros Med and Dental J*  
(Formerly Adnan Menderes Üniversitesi Tıp Fakültesi Dergisi)



[www.meandrosmedicaljournal.org](http://www.meandrosmedicaljournal.org)

**Owner / Rector on behalf of the Adnan Menderes University**  
Cavit Bircan

#### Responsible Manager

Yusuf Ziya Aral  
Adnan Menderes University Faculty of Medicine, Department of Pediatrics, Aydın, Turkey

#### Founder

Gülten İnan

#### Honorary President

Serpil Demirağ  
Adnan Menderes University Faculty of Medicine, Department of Family Medicine, Dean, Aydın, Turkey  
Törün Özer  
Adnan Menderes University Faculty of Dentistry, Department of Orthodontics, Dean, Aydın, Turkey

#### Editor in Chief

Yasemin Turan (Medical Section)  
Adnan Menderes University Faculty of Medicine, Department of Physical Medicine and Rehabilitation, Aydın, Turkey  
E-mail: dryaseminturan@gmail.com

Senem Yiğit Özer (Dental Section)  
Adnan Menderes University Faculty of Endodontics, Department of Endodontia, Aydın, Turkey  
E-mail: senem@me.com-senem@adu.edu.tr



#### Editorial Office

Adnan Menderes University Faculty of Medicine, Aydın, Turkey  
Phone: +90 256 444 12 56 | +90 256 214 64 95  
E-mail: info@meandrosmedicaljournal.org

#### Editors

**M. Şamil Akyıl**,  
Adnan Menderes University Faculty of Dentistry, Department of Prosthodontics, Aydın, Turkey  
E-mail: samilakyil@hotmail.com

**Yusuf Ziya Aral**,  
Adnan Menderes University Faculty of Medicine, Department of Pediatrics, Aydın, Turkey  
E-mail: yuziar\_12@yahoo.com

**Gökhan Cesur**  
Adnan Menderes University Faculty of Medicine, Department of Physiology, Aydın, Turkey  
E-mail: gokhancesur@hotmail.com

**Ali Duman**  
Adnan Menderes University Faculty of Medicine, Department of Emergency Medicine, Aydın, Turkey

**Mücahit Kapçı**  
Adnan Menderes University Faculty of Medicine, Department of Emergency Medicine, Aydın, Turkey

**Tolga Kocatürk**  
Adnan Menderes University Faculty of Medicine, Department of Ophthalmology, Aydın, Turkey

**İmran Kurt Ömürlü**  
Adnan Menderes University Faculty of Medicine, Department of Biostatistics, Aydın, Turkey

**Levent Özçakar**  
Hacettepe University Faculty of Medicine, Department of Physical Medicine and Rehabilitation, Ankara, Turkey

**İşıl Sönmez**  
Adnan Menderes University Faculty of Dentistry, Department of Pedodontics, Aydın, Turkey

**Ekin Şavk**  
Adnan Menderes University Faculty of Medicine, Department of Dermatology, Aydın, Turkey

**Özüm Tunçyürek**  
Adnan Menderes University Faculty of Medicine, Department of Radiology, Aydın, Turkey

**Kenan Ahmet Türkoğan**  
Adnan Menderes University Faculty of Medicine, Department of Emergency Medicine, Aydın, Turkey

#### Statistical Editors

**İmran Kurt Ömürlü**  
Adnan Menderes University Faculty of Medicine, Department of Biostatistics, Aydın, Turkey

**Mevlüt Türe**  
Adnan Menderes University Faculty of Medicine, Department of Biostatistics, Aydın, Turkey

#### Associate Editors

**Beral Afacan**  
Adnan Menderes University Faculty of Dentistry, Department of Periodontology, Aydın, Turkey

**Barış Akçan**  
Adnan Menderes University Faculty of Medicine, Department of Pediatrics, Aydın, Turkey

#### Göknil Alkan Demetoğlu

Adnan Menderes University Faculty of Dentistry, Department of Prosthodontics, Aydın, Turkey

#### Yazgi Ay

Adnan Menderes University, Faculty of Dentistry, Department of Orthodontics, Aydın, Turkey

#### Elif Aydın

Adnan Menderes University Faculty of Medicine, Department of Physical Medicine and Rehabilitation, Aydın, Turkey

#### Hicran Dönmez Özkan

Adnan Menderes University Faculty of Dentistry, Department of Endodontics, Aydın, Turkey

#### Ufuk Eryılmaz

Adnan Menderes University Faculty of Medicine, Department of Cardiology, Aydın, Turkey

#### Alev Özsoy

Istanbul Medipol University Faculty of Dentistry, Department of Restorative Dentistry, Istanbul Turkey

#### Hasan Onur Şimşek

Adnan Menderes University Faculty of Dentistry, Department of Oral and Maxillofacial Surgery, Aydın, Turkey

#### Kadriye Görkem Ulugüzel

Adnan Menderes University Faculty of Dentistry, Department of Pedodontics, Aydın, Turkey

#### English Language Editor

İlke Erkeskin

#### Editorial Board

##### Sibel Demir Deviren

California University Faculty of Medicine, Department of Physical Medicine and Rehabilitation, San Francisco, USA

##### Sakari Kellokumpu

Oulu University Faculty of Medicine, Department of Biochemistry, Oulu, Finland

##### Domingo Martin

Clinica de Ortopedia, Private Practice, Donostia, Spain

##### Ivana Milanovic

Belgrade University Faculty of Dentistry, Department of Endodontics, Belgrade, Serbia

##### Jose Antonio Pariente Llanos

Extremadura University Faculty of Science, Department of Physiology, Badajoz, Spain

##### Sinem Sari

Adnan Menderes University Faculty of Medicine, Department of Anaesthesiology and Reanimation, Aydın, Turkey



**Yayıncı/Publisher**  
Erkan Mor

**Yayın Yönetmeni/Publication Director**  
Nesrin Çolak

**Yayın Koordinatörü/Publication Coordinator**  
Burak Sever

**Proje Koordinatörleri/Project Coordinators**  
Ebru Boz

**Web Koordinatörleri/Web Coordinators**  
Eren Arsel  
Turgay Akpınar

#### Proje Asistanları/Project Assistants

Eda Koluksa  
Hatice Balta  
Zeynep Altındağ

**Grafik Departmanı/Graphics Department**  
Ayda Alaca  
Çiğdem Birinci

**Araştırma&Geliştirme/Research&Development**  
Büşrah Toparslan

**Mali İşler Koordinatörü/Finance Coordinator**  
Sevinç Çakmak

#### Yayınevi İletişim/Publisher Contact

**Adres/Address:** Molla Gürani Mah. Kaçamak Sk. No: 21/1

34093 İstanbul-Türkiye

**Telefon/Phone:** +90 (212) 621 99 25 **Faks/Fax:** +90 (212) 621 99 27

**E-posta/E-mail:** info@galenos.com.tr/yayin@galenos.com.tr

**Web:** www.galenos.com.tr

**Basım Yeri/Printing at:** Özgün Ofset Ticaret Ltd. Şti.

Yeşilce Mah. Aytekin Sk. No: 21 34418 4.Levent-İstanbul-Türkiye

**Telefon/Phone:** +90 (212) 280 00 09

**Basım Tarihi/Printing Date:** Ekim 2016/October 2016

**E-ISSN:** 2149-9063

Üç ayda bir yayımlanan süreli yayındır.  
International scientific journal published quarterly.



## AIMS AND SCOPE

Meandros Medical and Dental Journal is the official, scientific, open access publication organ of the Adnan Menderes University, Faculty of Medicine and Faculty of Dentistry that is published in accordance with independent, unbiased, double blind peer review principles.

The publication language of the journal for English in accordance with the international publication standards. The journal is published three times in a year on April, August and December. The aim of the Meandros Medical and Dental Journal is to publish original, high quality clinical and experimental researches conducted in all fields of medicine, dentistry, case reports, review articles on current topics, and letters to the editors. The target audience of the journal includes specialists in general surgery, students and all specialists and medical professionals who are interested in surgery.

The editorial policies and publication process are implemented in accordance with rules set by the International Committee of Medical Journal Editors (ICMJE), World Association of Medical Editors (WAME), Council of Science Editors (CSE), European Association of Science Editors (EASE), Committee on Publication Ethics (COPE), and the Heart Group. Information on the publication process and manuscript preparation guidelines are available online at <http://meandrosmedicaljournal.org/>

Meandros Medical and Dental Journal is indexed in **Emerging Sources Citation Index (ESCI), Directory of Open Access Journals (DOAJ), CINAHL Complete Database, ProQuest and Turk Medline.**

### Open Access Policy

This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Open Access Policy is based on rules of Budapest Open Access Initiative (BOAI) <http://www.budapestopenaccessinitiative.org/>.

<http://www.budapestopenaccessinitiative.org/> By "open access" to [peer-reviewed research literature], we mean its free availability on the public internet, permitting any users to read, download, copy, distribute, print, search, or link to the full texts of these articles, crawl them for indexing, pass them as data to software, or use them for any other lawful purpose, without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself. The only constraint on reproduction and distribution, and the only role for copyright in this domain, should be to give authors control over the integrity of their work and the right to be properly acknowledged and cited.

All published content is available online free of charge at <http://meandrosmedicaljournal.org/>

Statements or opinions expressed in the manuscripts published in the journal reflect the views of the author(s) and not the opinions of the editors, the editorial board and/or the publisher; the editors, the editorial board and the publisher disclaim any responsibility or liability for such materials. The authors transfer all copyrights of their manuscripts within the scope of local and international laws to the journal as of submission. Other than providing reference to scientific material, permission should be obtained from the following addresses for electronic submission, printing, distribution, any kind of reproduction and reutilization of the materials in electronic format or as printed media:

### Editors in Chief

#### Dr. Yasemin Turan

Adnan Menderes University Faculty of Medicine,  
Department of Physical Medicine & Rehabilitation, Aydın, Turkey  
Phone: +90 256 4441256  
Fax: +90 256 214 64 95  
E-mail: [dryaseminturan@gmail.com](mailto:dryaseminturan@gmail.com)

#### Dr. Senem Yiğit ÖZER

Adnan Menderes University Faculty of Dentistry,  
Department of Endodontics, Aydın, Turkey  
Phone: +90 256 2136347  
Fax: +90 256 2151918  
E-mail: [senem@adu.edu.tr](mailto:senem@adu.edu.tr)

**Web page: [www.meandrosmedicaljournal.org](http://www.meandrosmedicaljournal.org)**

## INSTRUCTION FOR AUTHORS

The Meandros Medical and Dental Journal (Formerly Adnan Menderes Üniversitesi Dergisi), is the official, scientific, open access publication organ of the Adnan Menderes University Faculty of Medicine and Dentistry that is published three times in a year in accordance with independent, unbiased, double blind peer review principles. The aim of the Meandros Medical and Dental Journal publishes high quality clinical and experimental research, case presentations, reviews and letters to the editor conducted in all fields of medicine and dentistry. Originality, high scientific quality and citation potential are the most important criteria for a manuscript to be accepted for publication.

The aim of the Meandros Medical and Dental Journal is to publish original, high quality clinical and experimental researches conducted in all fields of medicine, case reports, review articles on current topics, and letters to the editors. The target audience of the journal includes specialists in general surgery, dentistry, students and all specialist, medical and dental professionals who are interested in surgery.

### Instructions for Authors

The Meandros Medical and Dental Journal is a publication that publishes manuscripts prepared in English. IMPORTANTLY publications are being accepted ONLY in English since December 2015. Therefore, accepted manuscripts before December 2015 may be in English and Turkish. This is an important issue that the authors SHOULD consider. Submission of a Turkish title, abstract and keywords is not compulsory for international submissions. If accepted, translation services will be provided by the journal for international submissions.

Meandros Medical and Dental Journal does not charge any article submission or processing charges.

Manuscripts can only be submitted through the journal's online manuscript submission and evaluation system, available at [www.http://meandrosmedicaljournal.org/](http://www.meandrosmedicaljournal.org/). Manuscripts submitted via any other medium will not be evaluated.

Manuscripts submitted for evaluation should not be previously presented or published in an electronic or printed medium. Editorial board should be informed of manuscripts that have been submitted to another journal for evaluation and rejected for publication. Manuscripts that have been presented in a meeting should be submitted with detailed information on the organization including the name, date and location of the organization.

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

The authors transfer all copyrights of their manuscripts within the scope of local and international laws to the journal as of submission. For this purpose, a copyright transfer form should be signed by all contributing authors and a scanned version of the form should be submitted with the manuscript. The wet signed version of the form should be posted to the Editorial Office. The financial and legal responsibilities of a manuscript, including the text, tables, images and any other content that may be subject to international or local copyrights belong to the authors.

Authorship contribution form should be filled in the corresponding author and a signed and scanned version should be submitted during manuscript submission process in order to act appropriately to authorship rights and prevent ghost or honorary authorship.

Any financial grants or other support received for the study from individuals or institutions should be disclosed to the Editorial Board and to disclose potential conflicts of interest ICMJE Potential Conflict of Interest Disclosure Form should be filled in and submitted.

The manuscripts should be prepared in accordance with ICMJE-Recommendations for the Conduct, Reporting, Editing and Publication of Scholarly Work in Medical Journals (updated in August 2013 - [http://www.](http://www.icmje.org/icmje-recommendations.pdf)

[icmje.org/icmje-recommendations.pdf](http://www.icmje.org/icmje-recommendations.pdf)). Authors are required to prepare manuscripts in accordance with CONSORT guidelines for randomized research studies, STROBE guidelines for observational original research studies, STARD guidelines for studies on diagnostic accuracy, PRISMA guidelines for systematic reviews and meta-analysis, ARRIVE guidelines for experimental animal studies and TREND guidelines for non-randomized public behaviour.

An approval of research protocols by Ethics Committee in accordance with international agreements (Helsinki Declaration of 1975, revised 2008, "Guide for the care and use of laboratory animals - [www.nap.edu/catalog/5140.html](http://www.nap.edu/catalog/5140.html)) is required for experimental, clinical and drug studies and some case reports. If required ethics committee reports or an equivalent official document may be requested from the authors. In manuscripts reporting the results of an experimental study, it should be stated within the main text that the patients were informed in detail about the treatment technique and that the patient's consent was obtained. For studies carried out on animals, the measures taken to prevent pain and suffering of the animals should be stated clearly. Information on patient consent, name of the ethics committee and the ethics committee approval number should also be stated in the Materials and Methods section of the manuscript.

All manuscripts submitted to the The Meandros Medical and Dental Journal are screened for plagiarism using the 'iThenticate' software. Results indicating plagiarism may result in manuscripts being returned or rejected.

Pre-evaluation checks of each submission are carried out by the Editorial Board. Manuscripts are scanned for plagiarism and duplication at this stage. If an ethical problem detected regarding plagiarism and duplication the Editorial Board will act in accordance with the Committee on Publication Ethics (COPE). Manuscript that pass this stage are assigned to at least two double blind peer-reviewers. Reviewers are selected among independent experts who has published publications in the international literature on the submission subject and received considerable amount of citations. Research articles, systematic reviews and meta-analysis manuscripts are also reviewed by a biostatistician. By submitting a manuscript to the journal authors accept that editor may implement changes on their manuscripts as long as the main idea of the manuscript is not interfered with.

Once a manuscript is accepted for publication, the author list of the manuscript can't be altered with.

Manuscripts should be prepared using Microsoft Word software and should be structured in accordance with the rules below depending on their type.

### Research Article

The abstract should be submitted in both English and Turkish; should be structured with Objective, Material and Methods, Results and Conclusions subheadings and should not be longer than 300 words. Key words should be concordant with National Library of Medicine (NLM) Medical Subject Headings (MeSH) vocabulary terms and there should be at least 3 and the number should be limited with 6. Key words should be listed below the abstract both in Turkish and English. The main text should be structured with Introduction, Materials and Methods, Results subheadings and should be limited to 5000 words. Number of cited references should be limited with 50.

Statistical analysis should be performed in accordance with guidelines on reporting statistics in medical journals (Altman DG, Gore SM, Gardner MJ, Pocock SJ. Statistical guidelines for contributors to medical journals. *Br Med J* 1983; 7; 1489-93). Software used for analysis should be described. For parametric tests represent continuous variables as Mean±Standard Deviation, while for nonparametric tests represent data as Median and range (Minimum-Maximum) or Median and interquartile range (25th and 75th percentiles). Whenever complex analyses are used support the relative risk, odds or hazard ratios values by providing confidence intervals and p values.

### Review Article

Review articles are solicited by the Editorial Board from authors who are experts in their field of study. The abstract should be submitted in both English and

## INSTRUCTION FOR AUTHORS

Turkish; should be unstructured and should not be longer than 300 words. Key words should be concordant with National Library of Medicine (NLM) Medical Subject Headings (MeSH) vocabulary terms and there should be at least 3 and the number should be limited with 6. Key words should be listed below the abstract both in Turkish and English. The main text should include a title, abstract, key words, main topics and references and should be limited to 5000 words. Number of cited references should be limited with 150.

If a previously published image is used its original version (both printed and online) should be cited properly and the permission obtained from the copyright holder (publisher, journal or author) to reproduce the material should be submitted to the journal.

### Case Report

The journal allocates a limited space for case reports in each issue. Only case reports that make an original contribution to the literature, have an educative purpose, or offer a new method of treating rare clinical diseases which are difficult to diagnose and treat are considered for publication. The abstract should be unstructured and should not be longer than 150 words. Key words should be concordant with National Library of Medicine (NLM) Medical Subject Headings (MeSH) vocabulary terms and there should be at least 3 and the number should be limited with 10. The main text should be structured with Introduction, Case and Discussion subheadings. References and tables should be presented in the main document and the images should be submitted through the submission system in .TIFF or .JPEG formats. The main text should not be longer than 1500 words and the number of references cited should be limited to 20.

### Letters to the Editor

These type of manuscripts discuss the importance, an overlooked detail or a missing point of a previously published manuscript. In addition to these, letters to the editor can be prepared on a subject within the scope of the journal that may draw the readers' attention, especially on educative cases. Readers can also submit their opinions on published material in letter to the editor format. An abstract, keywords, tables and figures are not required with this type of manuscripts. The main text should not be longer than 500 words, and must be limited to 3 authors and 5 references. Proper citation of the study that the letter is about including the authors' names, title, publication year, volume and page numbers is required.

### Title Page / Cover Letter

Title: The title should be concise and informative.

Running Title: A running title (not more than 40 characters including spaces should be entered).

Author names and affiliations: Please clearly indicate the given name(s) and family name(s) of each author. Present the authors' affiliation addresses below the names. Indicate all affiliations with a lower-case superscript number immediately after the author's name and in front of the appropriate address. Provide the full postal address of each affiliation, including the country name and, if available, the e-mail address of each author.

Corresponding author. Clearly indicate who will handle correspondence at all stages of refereeing and publication, also post-publication. Ensure that the e-mail address is given and that contact details are kept up to date by the corresponding author.

### Tables / Graphs / Illustrations / Photograph

Tables and figures should be located at the end of the main document, images should be submitted in .JPG and .TIFF formats. Tables must be prepared in a Microsoft Office Word document using "Insert Table" command and be placed at the end of the references section in the main document. Decimal points in the text, tables and figures should be separated by comma in Turkish sections and by dots in English sections. Particularly, tables should be explanatory for the text and should not duplicate the data given in the text.

Each table and figure should have a self-explanatory title and be numbered in order of their citation in the text. Arabic numbers should be preferred for tables, graphs, figures and photographs. In the case of the use of a previously published table, figure or illustration, written permission from the publisher should be submitted with the manuscript. Information or illustrations must not permit identification of patients, and written informed consent for publication must be sought for any photograph.

In microscopic images, magnification and staining techniques must be specified in addition to figure captions. All images should be in high resolution with minimum 300 dpi. It would be more appropriate if the drawings are prepared by the professionals. Gray color should be avoided. 3D graphs should be avoided.

### References

References should be numbered in the order they are cited. Only published data or manuscripts accepted for publication and recent data should be included. Inaccessible data sources and those not indexed in any database should be omitted. Titles of journals should be abbreviated in accordance with Index Medicus-NLM Style (Patrias K. Citing medicine: the NLM style guide for authors, editors, and publishers [Internet]. 2nd ed. Wendling DL, technical editor. Bethesda (MD): National Library of Medicine (US); 2007 - [updated 2011 Sep 15; cited Year Month Day] (<http://www.nlm.nih.gov/citingmedicine>). All authors should be listed if an article has six or less authors; if an article has more than six authors, first six authors are listed and the rest is represented by "et al." in Turkish articles and by "et al." in English articles. Reference format and punctuation should be as in the following examples.

### Standard Journal Article

Özhan MÖ, Süzer MA, Çomak İ, Çaparlar CÖ, Aydın GB, Eşkin MB, et al. Do the patients read the informed consent? *Balkan Med J* 2012; 29: 252-60.

### Book Section

Sherry S. Detection of thrombi. In: Strauss HE, Pitt B, James AE, editors. *Cardiovascular Medicine*. St Louis: Mosby, 1974: 273-85.

### Books with Single Author

Cohn PF. *Silent myocardial ischemia and infarction*. 3rd ed. New York: Marcel Dekker; 1993.

### Editor(s) as author

Norman IJ, Redfern SJ, editors. *Mental health care for elderly people*. New York: Churchill Livingstone; 1996.

### Conference Proceedings

Bengisou S, Sothemin BG. Enforcement of data protection, privacy and security in medical informatics. In: Lun KC, Degoulet P, Piemme TE, Rienhoff O, editors. *MEDINFO 92. Proceedings of the 7th World Congress on Medical Informatics*; 1992 Sept 6-10; Geneva, Switzerland. Amsterdam: North-Holland; 1992. p.1561-5.

### Scientific or Technical Report

Smith P, Golladay K. Payment for durable medical equipment billed during skilled nursing facility stays. Final report. Dallas (TX) Dept. of Health and Human Services (US). Office of Evaluation and Inspections: 1994 Oct. Report No: HHSIGOE 169200860.

### Thesis

Kaplan SI. Post-hospital home health care: the elderly access and utilization (dissertation). St. Louis (MO): Washington Univ. 1995.

### Manuscripts published in electronic format

Morse SS. Factors in the emergence of infectious diseases. *Emerg Infect Dis* (serial online) 1995 Jan-Mar (cited 1996 June 5): 1(1): (24 screens). Available from: URL: <http://www.cdc.gov/ncidod/EID/cid.htm>.

- 120** Psychological Status of Adolescents with Respiratory Allergic Diseases and Their Caregivers  
*Solunum Yolu Allerjik Hastalığı Olan Ergenlerin ve Ailelerinin Psikolojik Durumları*  
Duygu Erge, Pınar Uysal, Hatice Aksu, Sibelnur Avcil, Börte Gürbüz Özgür, Faruk Demir, İmran Kurt Ömürlü, Şahap Dede; Aydın, Hatay, Turkey
- The Effect of Indoor Environmental Characteristics on the Detection of House Dust Mite Der p2 and Der f2 in Asthmatics
- 129** *Astımlı Hastalarda Ev İçi Ortam Özelliklerinin Ev Tozu Akar Allerjeni Der p2 ve Der f2 Saptanmasına Etkisi*  
Nimet Demirtaş, Emel Ceylan, Sevin Kırdar, Fisun Karadağ, Orhan Çildağ; Aydın, Turkey
- 138** Different Nebulized Budesonide Dosing Regimens in a Mouse Model of Chronic Asthma  
*Kronik Astım Modelinde Farklı Nebulize Budezonid Doz Rejimleri*  
Pınar Uysal, Meral Karaman, Tuba Tuncel, Müge Kiray, Nevin Uzuner, Özkan Karaman; Aydın, İzmir, Turkey
- 146** Adnan Menderes Üniversitesi Tıp Fakültesi Birinci Sınıf Öğrencilerinde Sigara Kullanımı ve İlişkili Faktörler  
*Tobacco Use and Related Factors Among Adnan Menderes University Faculty of Medicine Freshers*  
Yasemin Tin Arslan, Serhat Pirinççi, Pınar Okyay, Füzuzan Kaçar Döger; Denizli, Aydın, Türkiye
- 153** Çocukluk Çağı Wilson Hastalığı'nda Psikiyatrik Belirtiler: Olgu Örnekleri  
*Psychiatric Symptoms in Childhood Wilson's Disease: Case Reports*  
Sevcan Karakoç Demirkaya, Zuhal Yapıcı; Aydın, İstanbul, Türkiye
- 157** Total Laparoskopik Distal Gastrektomi, D2 Diseksiyon, Roux-en-Y Gastro-jejunostomi ve Aberran Sol Hepatik Arter: Olgu Sunumu  
*Totally Laparoscopic Subtotal Gastrectomy (D2+) with Jejunal Roux-en-Y Reconstruction and Aberrant Left Hepatic Artery: A Case Report*  
Önder Sürgit; Ankara, Türkiye
- 163** Coexistence of Diffuse Idiopathic Skeletal Hyperostosis and Late-Onset Ankylosing Spondylitis in a Sixty-year-old Patient  
*Diffüz İdiyopatik Skeletal Hiperostozis ve Geç Başlangıçlı Ankilozan Spondilit Birlikteliği Altmış Yaşında Bir Olgu*  
Zeliha Ünlü, Gülgün Yılmaz, Aslıhan Ulusoy; Manisa, Turkey
- 168** Erişkinlerde Görülen Nadir Bir Yumuşak Doku Tümörü: Hibernom Olgu Sunumu  
*A Rare Soft Tissue Tumor in Adults: Hibernoma a Case Report*  
Tuğba Özbek, Canten Tataroğlu, Özlem Erdal Özdemir, Ayşe Gül Örmeci, Ceren Günel; Aydın, Türkiye