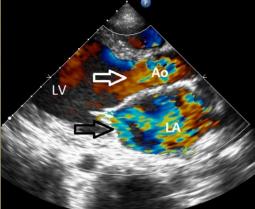


An official Journal of the Health Science Research Society

The journal is currently indexed/included in Bioline International, Chemical Abstracts Service, CINAHL, EBSCO Information System, Swets Information Services Turkey Citation Index and Index Copernicus.

e-ISSN:1304-3897

ORIGINAL ARTICLES Stomach Cancer Morbidity in the Republic of Kazakhstan: Trends and Characteristics Orazova et al. The Effect of Transversus Abdominis Plane Block in Inguinal Hernioplasty on Chronic Pain Topal et al. Anthropometric Study of Infraorbital Foramen in a Nigerian Population Nneka et al. The Effects of Topical Insulin Application on Wound Healing Kargin et al. Plasma Cytokine Levels in Migraineurs During and Outside of Attacks Aydın et al. Effect of Manual Hyperinflation on Arterial Oxygenation in Paediatric Patients with Upper Lobe Collapse after Cardiac Surgery Soundararajan and Thankappan Impact of Different Therapeutic Modalities on Healing of Diabetic Foot Ulcers Abd El- Kader and Ashmawy Fasciotomy Procedures on Acute Compartment Syndromes of the Upper Extremity Related to Burns Özkan et al. Effects of Sperm Parameters to Fertility for Intrauterine Insemination Patients According to WHO 2010 Criteria Tursun et al. Evaluation of Superoxide Dismutase and Glutathione Peroxidase Enzyme Polymorphisms in Familial Mediterranean FeverPatients Akbas et al. Left and Right Ventricle Functions in Patients Obstructive Sleep Apnea and Their Relationship with Apelin Levels Cem Çil et al. CASE REPORTS Conjunctiva Limbal Autograft with Fibrin Glue for Capillary Hemangioma Sakarya et al. Mature Fat Containing Thyroid Lesions Zeliha Esin Çelik Ecchymosis Related to Paroxetine and Sertraline Şahingöz and Sönmez An Unusual Presentation of Acute Rheumatic Fever Arslan et al. Stone Formation on the Migrated Hem-o-Lok Clip after Laparoscopic Pyelolithotomy Camtosun and Tatar Type 1 Diabetes Mellitus Associated with Turner Syndrome Akyürek et al. LETTERS Quickly Obtained Magnetic Resonance Localizer Image in the Diagnosis of Anencephaly Duymus and Yesilkaya Enteropathy-Associated T-cell Lymphoma Ağan et al. Non-Invasive Evaluation of Liver Fibrosis by Using Real Time Elastography Ozturker et al. Neutropenia Due to Acute Exposure with Aluminium Phosphide Kutlucan et al.



Volume 12 Number 4 Year 2015

An International Peer-Reviewed Journal in the Field of General Medicine

www.ejgm.org

Aims and Scope

EUROPEAN JOURNAL of GENERAL MEDICINE (ISSN 1304-3897) is an English multidisciplinary peer-reviewed medical journal publishing articles in the fields of general medicine. EUROPEAN JOURNAL OF GENERAL MEDICINE is published quarterly (January, April, July and October) by the Society of Health Sciences Researchs, Turkey.

EUROPEAN JOURNAL of GENERAL MEDICINE encourages submissions from all authors throughout the world. Manuscripts are judged by two experts solely on the basis of their contribution of original data, ideas and their presentation. All manuscripts must comply with Instructions to Authors. The following articles will be considered for publication: editorials, original and review articles, brief reports, case reports, letters to the editor, and book reviews.

Submitted manuscripts must not have been published, accepted for publication or be under consideration elsewhere. Investigation on human subjects should conform to the guidelines noted in the World Health Organization Chronicle 1976; 30: 360-362.

All articles will be critically reviewed by the editor and members of the editorial or advisory board of the journal within 2 months, but longer delays are sometimes unavoidable. Full details may be found in the section of Instructions to Authors at the end of this issue.

The free-full text of the journal is available from online system. Please visit the journal website (www.ejgm.org).

Indexing and Abstracting Services: The journal is currently indexed/included in Bioline International, EBSCO, CINAHL, Scopus, EMBASE, Index Copernicus, Swets Information Services, TUBITAK ULAKBIM Turkish Medical Database, Turkey Citation Index and Chemical Abstracts Service.

An International Peer-Reviewed Journal in the Field of General Medicine

www.ejgm.org

INSTRUCTION TO AUTHORS

MANUSCRIPTS are received with the understanding that they are submitted solely to THE EUROPEAN JOURNAL OF GENERAL MEDICINE®, that upon submission, they become the property of the Publisher, that the work has not been previously published, and that the data in the manuscript have been reviewed by all authors, who agree with the analysis of the data and the conclusions reached in the manuscript. The Publisher reserves copyright and renewal on all published material, and such material may not be reproduced without the written permission of the Publisher. Statements in articles are the responsibility of the authors. Only papers in English will be considered for publication.

ADDRESS MANUSCRIPTS TO: Manuscripts should be submitted online at www.ejgm.org.

Please include the corresponding author's e-mail, phone and fax number. The cover letter should state the significance and uniqueness of the work in the authors' view. Several names and addresses of nonlocal experts may be suggested who, in the authors' view, could provide objective and informed reviews of their work. The names of investigators considered unlikely by the authors to give nonbiased reviews of their work also may be submitted. This request is honored.

INFORMED CONSENT AND ETHICS

When reporting studies on human subjects, notice whether the protocols were in accordance with the ethical standards of the related committee on human experimentation (regional or institutional) or with the 1975 Helsinki Declaration (including 1983 revision). Include any Ethical Committee or Animal Ethics Committee protocol numbers as warranted by experimental design.

Arrange the paper as follows: (1) title page, which should include the title, the full names and academic degrees of the authors, and the institution and city and state or city and country from which the work originated; (2) second title page, with only the title of the article (page not numbered); (3) abstract; (4) text; (5) acknowledgment; (6) references; (7) figure legends;

(8) Number the title page as 1, abstract page as 2, and so forth. (Leave the second title page) Type on 22 \times 28 cm (8.5 \times 11 inch) paper, on 1 side only of each sheet, double-spaced (including references) with at least 25-mm (1-inch) margins.

The second title page, which omits the names and institutions of authors, gives the Editor in Chief the option of acquiring blinded or nonblinded reviews. References to the institution in the text or to the author's previous work in the Reference section must be deleted or written in a manner that prevents identification of authors and institution. Label figures with the manuscript title rather than the authors' names so that blinded reviews can be solicited. Authors should state which type of review they wish in the cover letter.

TITLE PAGE AND ABSTRACT: For the complete title page, include the full first or middle and last names of all authors. List the institution and address from which the work originated, and provide information about grant support if necessary. If work described is supported by a grant from a pharmaceutical company, that fact should be stated on the title page. Add at the bottom the phrase, "Address for reprints:" followed by full name and address with zip code. Add a 2- to 5-word running head. Limit the abstract to 200 words. List 3 to 5 key words for subject indexing at the end of the abstract or Brief Communication.

STYLE: Use appropriate subheadings throughout the body of the text, such as Methods, Results, and Discussion. Tables, figures, and references should be mentioned in numerical order throughout manuscript. Abbreviations are permitted, but no more than 3 per manuscript, and then they must be used on every page of the manuscript after they are initially spelled out (followed by the abbreviation) in both abstract and introduction. Abbreviations are usually limited to terms in the manuscript's title. Use generic names of drugs. Do not spell out any number, including those less than 10, except when used for opening a sentence, but try not to begin sentences with numbers. Use symbols for less than (<), greater than (>) and percent (%). Indent paragraphs except the first one in both abstract and introduction.Consult the Uniform Requirements for Manuscripts Submitted to Biomedical Journals, published in N Engl J Med

An International Peer-Reviewed Journal in the Field of General Medicine

www.ejgm.org

1991; 324: 424-428.

TRADE NAMES Non-proprietary (generic) names of products should be used. If a brand name for a drug is used, the British or International non-proprietary (approved) name should be given. The source of any new or experimental preparation should also be given. REFERENCES: References should be limited to those relating directly to the content of the paper. List all authors, year, volume, and inclusive pages for all journal references, and specific page numbers for all book references as shown below. Do not use periods after authors' initials or after abbreviations for titles of journals. Check Index Medicus or N Engl J Med 1991;324:424-8 as cited above for journal titles and abbreviations. Personal communications and unpublished observations do not constitute references, but may be mentioned within the text. Please note that all authors should be listed when six or less: when seven or more, list only the first three and add et al. Please do not use the footnote or endnote functions in your word processing program.

Journal: Vikse BE, Aasard K, Bostad L, Iversen BM. Clinical prognostic factors in biopsy-proven benign nephrosclerosis. Nephrol Dial Transplant 2003;18:517-23.

Chapter in Book: Davison AM, Cameron JS, Grünfeld JP, Kerr DNS, Ritz E, Winerals CG. Oxford Textbook of Clinical Nephrology. In Williams G, ed. Mesengiocapillary glomerulonephritis. New York: Oxford University Press, 1998: 591-613.

Book: Danovitch GM. Handbook of Kidney Transplantation. Boston: Little, Brown and Company (Inc.), 1996: 323-8

FIGURES: Patients shown in photographs should have their identity concealed or should have given their written consent to publication. Submit written permission from the publisher and author to reproduce any previously published figures. Limit figures to the number necessary to present the message clearly. Do not use 3-D features and unnecessary gray shadings on simple bar charts. Identify at the end of each legend and in alphabetical order all abbreviations in the figure. The cost of color reproduction must be paid by the author.

TABLES: Place each table on a separate page, typed

double-spaced. Number each table in Arabic numerals (Table 1, 2, etc.) and title each table. Identify in alphabetical order at the bottom of the table all abbreviations used. When tabulating numbers of patients, use no more than 2 lines, preferably only l line, per patient. Use a plus sign (+) to indicate "positive" or "present," a zero (0) for "negative" or "absent," and a dash (-) for "no information available" or "not done." Do not use "yes" or "no" or "none." Footnote symbols must appear in this order: *, **, #, ¶, †, ‡, §, ||, †† etc.

BRIEF COMMUNICATIONS and CASE REPORTS: These should be limited to no more than 3 text pages (those before the references but including the title page) and 20 references. An abstract is not required. Subheadings are not used. Provide a summary sentence at the end.

READERS' COMMENTS: The author who submits a "letter" should provide a cover letter on his/her own stationery to the Editor in Chief stating why the letter should be published. The letter (as well as references) should be typed, double-spaced, on a separate sheet of plain white paper and limited, with few exceptions, to 2 pages. Submit the original and 2 copies. A title for the letter should be provided at the top of the page. At the end of the letter, the writer's full name, city, state and country should be provided. The author's title and institution should not be included. A letter concerning a particular article in the *Journal* must be received within 3 months of the article's publication.

REPRINTS: Price schedules and order cards for reprints are mailed to the author upon publication of the article. Individual reprints must be obtained through the author.

PERMISSIONS: All inquiries regarding copyright material from this publication should be directed to Health Sciences Researchs Society

An International Peer-Reviewed Journal in the Field of General Medicine

www.ejgm.org

EDITOR-IN-CHIEF

Cevdet Altinyazar

ASSOCIATE EDITORS

Kürşat Uzun

Mustafa Keleş Savaş Yılmaz

Hakan Şenaran

EDITORIAL BOARD

Kadir ACAR, Turkey Abdülbaki AGBAŞ, USA Canan AĞALAR, Turkey Fatih AĞALAR, Turkey Suhail AHMAD, USA Fatih AKÇAY, Turkey Ramazan AKÇAN, Turkey Fatih AKÇAY, Turkey Hakan AKILLI, Turkey Hülya AKSOY, Turkey Salih AKSU, Turkey Ömer AKYOL, Turkey Hişam ALAHDAB, Turkey Mustafa ALDEMİR, Turkey Süleyman ALICI, Turkey Gernot S ALTEDORNEBURG, Germany Remzi ALTIN, Turkey Cevdet ALTINYAZAR, Turkey Kadri ALTUNDAĞ, Turkey Nicolino AMBROSINO, Italy Halil ARSLAN, Turkey Fatih AYGÜN, Turkey Recep AYGÜL, Turkey Mustafa BAKIR, Turkey Derva BALBAY, Turkey Francis W. BALLARDIE, UK Metin BAŞARANOĞLU, Turkey Talantbek BATYRALIEV, Turkey Ali BAY, Turkey

Grant M. BAXTER, Scotland Henrik BIERING, Germany Gianluigi BISLERI, Italy Said BODUR, Turkey M. Akif BÜYÜKBEŞE, USA Roger W. BYARD, Australia Miktat BOZER, Turkey Cem M. BÖRÜBAN, Turkey Kadir CEYLAN, Turkey Ayşe CEFLE, Turkey Marcelo P. CAVALCANTI, Brazil Dave D. CHADEE, West Indies Malay CHATTERJEE, India Francesko CORCIONE, Italy Gerard CRINER, USA Hüseyin ÇAKSEN, Turkey Hakan ÇANKAYA, Turkey Adnan CINAL, Turkey Erdinç ÇİÇEK, Turkey Bektur DANIAROV, Germany Emile DARAI, France Kenan DEMİR, Turkey Reha DEMİREL, Turkey Kadir DEMİRCAN, Turkey Abdullah DOĞAN, Turkey Ekrem DOĞAN, Turkey Fatma DURSUN, Turkey Haluk DÜLGER, Turkey

Hüseyin BAYRAMLAR, Turkey

Tevfik ECDER, Turkey Aydın ECE, Turkey llker ERCAN, Turkey Mehmet EREN, Turkey Fikret ERGÜNGÖR, Turkey Mehmet ERİKOĞLU, Turkey Beyhan ERYONUCU, Turkey Alfio FERLITO, Italy Fatma FIDAN, Turkey Giampietro GASPARINI, Italy Marc GENTILI, France Serdar GERGERLİOĞLU, Turkey Georgia GIOULA, Greece Faik GIRISKEN, Germany Hakkı GÖKBEL, Turkey Cesare GRIDELLI, Italy Fuat GÜRKAN, Turkey Ahmet GÜL, Turkey Ekrem GÜLER, Turkey Kenan GÜMÜŞTEKİN, Turkey Bülent GÜRLER, Turkey Muhammed GÜVEN, Turkey Galip GÜZ, Turkey Naotaka HAMASAKI, Japan Hasan HERKEN, Turkey Satoshi HIROHATA, Japan David W. HOLT, UK Gregory G. HOMISH, USA Salih HOŞOĞLU, Turkey

An International Peer-Reviewed Journal in the Field of General Medicine

EDITORIAL BOARD

Haitham IDRISS.USA Andre KAHN, Belgium Shigeyuki KANO, Japan Semsettin KARACA, Turkey İlhan KARACAN, Turkey Saliha KARATAY, Turkey Akın KAYA, Turkey Mehmet KAYRAK, Turkey Halil KIYICI, Turkey Aysel KIYICI, Turkey İsmail KATI, Turkey Dmitry KAZAKOV, Czech Republic Rumeyza KAZANCIOĞLU, Turkey Recep KESLI, Turkey Nicholas KIPSHIDZE, USA Necmi KIYMAZ, Turkey Abdulkadir KOCER, Turkey Hasan KOCOĞLU, Turkey Maeda KOUTAROU, Japan Rossen K. KOYTCHEV, Germany Sami KUCUKSEN, Turkey Tevfik KÜCÜKKARTALLAR, Turkey Han LI-KUN, Japan Kevin J. LALIBERTE, USA Karoly LAPIS, Hungary Jean-ClaudeM LUBANDA, Czech Republic Emin MADEN, Turkey Burkhard J. MANFRAS, Germany Valeri MASENKO, Russia Muhammed A MEMON, Australia Jaime M. MONTI, Uruguay Megumi MATSUMOTO, Japan E. Michael MOLNAR, USA Alvaro Jose J. MONTIEL, Mexico Motohito N/A NAKAGAWA, Japan Matthew NAUGHTON, Australia Nobuvuki NEGORO, Japan Kemal ÖDEV, Turkey Mehmet OKKA, Turkey

Bülent ORAN, Turkey Serkan ÖZAKBAŞ, Turkey Nihal ÖZARAS. Turkev Orhan ÖZBEK, Turkey Murat ÖZDEMİR, Turkev Hakan ÖZDENER, USA Faruk ÖZER, Turkey Hakan ÖZHAN, Turkey Mehmet ÖZKÖKELİ, Turkev Önder ÖZTÜRK, Turkey Il-Kwon PARK, Republic of Korea Markku PARTINEN, Finland Igor PERSHUKOV, Russia Mark A. PETERMAN, USA Joachim PFANNSCHMIDT, Germany Doris POPP, Germany Bruce E. POLLOCK, USA Listernick ROBERT, USA Lane M. ROBSON, USA Mehmet E. SAKARYA, Turkey Ali SALLI, Turkey Anatoliy SAMKO, Russia Oktay SARI, Turkey İbrahim SARI, Turkey Mustafa SARSILMAZ, Turkey Mehmet SAYARLIOĞLU, Turkey Hayriye SAYARLIOĞLU, Turkey Otto SCHÜCK, Czech Republic Mehmet Ş. SEVER, Turkey Alper SEVİNÇ, Turkey M.Tuğrul SEZER, Turkey Maria T. SHIPKOVA, Germany Neeru SINGH, India Valentin SINITSYN, Russia Aytekin SIR, Turkey Ömer SOYSAL, Turkey Yalcın SOLAK, Turkey Hui SUL China Güven S. SUNAM, Turkey

Yaşar ŞEN, Turkey Hakan ŞENARAN, Turkey Önder TAN, Turkey Orhan TARÇIN, Turkey Servet TATLI, USA Turgut TEKE, Turkey Serdar TOKER, Turkey Aysun TOKER, Turkey Harun TOY, Turkev Hatice TOY, Turkey İbrahim TUNCAY, Turkey Volkan TUZCU, USA Aydn TÜRKMEN, Turkey Serdar UĞRAS, Turkey Murat UNALACAK, Turkey Das N. UNDURTI, USA Efkan UZ, Turkey M. Sıddık ÜLGEN, Turkey Bünyamin ÜNAL, Turkey Mehmet ÜNLÜ, Turkey Ayhan VERİT, Turkey Michael V. VITIELLO, USA Hüseyin VURAL, Turkey Peter WARK, UK Murat YAĞMURCA, Turkey İlhan YARGIÇ, Turkey Ahmet YESİLDAĞ, Turkey Mehmet YAZICI, Turkey Mehmet YAZICI, Turkey Köksal YUCA, Turkey Müslüm YURTCU, Turkey Kadriye B. YÜKSEL, Turkey Zeki YILDIRIM, Turkey Ramazan YILMAZ, Turkey Sinan YOL, Turkey Müslüm YURTÇU, Turkey İsmail ZARARSIZ, Turkey Frederik J. ZIJLSTRA, Netherlands

An International Peer-Reviewed Journal in the Field of General Medicine

www.ejgm.org

Eur J Gen Med 2015;12(4)

CONTENTS

ORIGINAL ARTICLES

Stomach Cancer Morbidity in the Republic of Kazakhstan: Trends and Characteristics	282
Galiya Orazova, Leonid Karp, Keun-Young Yoo, Alikhan Dossakhanov, Gulnar Rakhimbekova, Abduzhappar Gaipov	
The Effect of Transversus Abdominis Plane Block in Inguinal Hernioplasty on Chronic Pain Ahmet Topal, Mehmet Sargın, Alper Kilicaslan, Sema Tuncer Uzun	291
Anthropometric Study of Infraorbital Foramen in a Nigerian Population Orish Chinna Nneka, Esomonu P Chinagoro, Osunwoke E Anthony, Gwunireama Israel U	298
The Effects of Topical Insulin Application on Wound Healing Süleyman Kargin, Didem Tastekin,Kemal Kılıç, Azamet Cezik, Murat Çakır, Tevfik Küçükkartallar, Naile Kökbudak	302
Plasma Cytokine Levels in Migraineurs During and Outside of Attacks Meliha Aydın, Caner Feyzi Demir, Adalet Arıkanoğlu, Serpil Bulut, Nevin İlhan	307
Effect of Manual Hyperinflation on Arterial Oxygenation in Paediatric Patients with Upper Lobe Collapse after Cardiac Surgery Leo Rathinaraj A Soundararajan, Sreeja M Thankappan	313
Impact of Different Therapeutic Modalities on Healing of Diabetic Foot Ulcers Shehab Mahmoud Abd El- Kader, Eman M Ashmawy	319
Fasciotomy Procedures on Acute Compartment Syndromes of the Upper Extremity Related to Burns Adem Özkan, Sadık Şentürk, Zekeriya Tosun	326
Effects of Sperm Parameters to Fertility for Intrauterine Insemination Patients According to WHO 2010 Criteria Tuğba Sekmenli Tursun, Hüseyin Görkemli, Fatma Yazıcı Yılmaz, Tahsin Murat Aktan	334
Evaluation of Superoxide Dismutase and Glutathione Peroxidase Enzyme Polymorphisms in Familial Mediterranean FeverPatients Ali Akbas, Hüseyin Ozyurt, Semsettin Sahin, Ismail Benli, Oguzhan Saylan, Leyla Aydogan, Fatih Ekici, Mücahit Egri, Bünyamin Kisacik, Sümeyya Akyol	339
Left and Right Ventricle Functions in Patients Obstructive Sleep Apnea and Their Relationship with Apelin Levels Cem Çil1, Turgut Karabağ, İshak Özel Tekin, Muhammet Raşit Sayın, Naile Eriş Güdül, Remzi Altun, Mustafa Aydın	344
CASE REPORTS	
Conjunctiva Limbal Autograft with Fibrin Glue for Capillary Hemangioma Yasar Sakarya, Rabia Sakarya, Muammer Ozcimen, Selcuk Kara	350
Mature Fat Containing Thyroid Lesions Zeliha Esin Çelik	353
Ecchymosis Related to Paroxetine and Sertraline Mine Şahingöz, Erdem Önder Sönmez	356
An Unusual Presentation of Acute Rheumatic Fever Derya Arslan, Osman Guvenc, Derya Cimen, Bulent Oran	358
Stone Formation on the Migrated Hem-o-Lok Clip after Laparoscopic Pyelolithotomy Ahmet Camtosun, Can Ali Tatar	361
Type 1 Diabetes Mellitus Associated with Turner Syndrome Nesibe Akyürek, Mehmet Emre Atabek, Beray Selver Eklioğlu	364
LETTERS	
Quickly Obtained Magnetic Resonance Localizer Image in the Diagnosis of Anencephaly Mahmut Duymus, Yakup Yesilkaya	367
Enteropathy-Associated T-cell Lymphoma Ahmet Faruk Ağan, Ahmet Yılmaz, Cem Cahit Barışık	369
Non-Invasive Evaluation of Liver Fibrosis by Using Real Time Elastography Coskun Ozturker, Ergenekon Karagoz, Güner Sonmez	370
Neutropenia Due to Acute Exposure with Aluminium Phosphide Ali Kutlucan, Mehmet Daglı, Leyla Kutlucan, Abdulkadir Baştürk	371