

# The Journal of Breast Health

## Breast Cancer-Social Support

Pinar Soylar and Metin F. Genç; *Malatya, Turkey*

## Metaplastic Breast Carcinoma

Semra Salimoğlu et al.; *İzmir, Turkey*

## Breast Cancer and Adiponectin

Burcu Erbay et al.; *Kütahya, Kocaeli, Turkey*

## Barriers Against Mammography Screening

Tolga Özmen et al.; *İstanbul, Muş, Ordu, Elazığ, Pittsburgh, Turkey, USA*

## SNB in NDNL Breast Cancer

Montserrat Solà et al.; *Badalona, Calella, Mataró, Spain*

Editor-in Chief

**Vahit ÖZMEN, Turkey**

International Editor

**Atilla SORAN, USA**

# The Journal of Breast Health

The Journal of Breast Health is the official journal of the  
**TURKISH FEDERATION OF BREAST DISEASES  
SOCIETIES**



**MHDF**

OWNER AND  
RESPONSIBLE MANAGER  
Dr. Vahit Özmen  
On Behalf of the **TURKISH FEDERATION  
OF BREAST DISEASES ASSOCIATIONS.**

Contact  
Department of General Surgery,  
İstanbul University İstanbul Faculty of  
Medicine, C Service Çapa / İstanbul  
Phone&Fax : + 90 212 534 02 10

Editor

**Vahit Özmen**

*İstanbul University İstanbul Medical Faculty, İstanbul, Turkey*

International Editor

**Atilla Soran**

*University of Pittsburgh, Magee-Womens Hospital, Pittsburgh, PA, USA*

Associate Editors

**Nilüfer Güler**

*Hacettepe University Faculty of Medicine, Ankara, Turkey*

**Gürsel Soybir**

*Namık Kemal University Faculty of Medicine, Tekirdağ, Turkey*

**Seher Demirer**

*Ankara University Faculty of Medicine, Ankara Turkey*

**Erkin Arıbal**

*Marmara University Faculty of Medicine, İstanbul, Turkey*

**Hale Başak Öztürk Çağlar**

*Medipol University Faculty of Medicine, İstanbul, Turkey*

Assistant Editors

**Ayfer Kamalı Polat**

*Ondokuz Mayıs University Faculty of Medicine, Samsun, Turkey*

Biostatistics Editor

**Birol Topçu**

*Namık Kemal University Faculty of Medicine, Tekirdağ, Turkey*

Medical English Advisor

**David Chapman**

**Dilara Bal**

The Journal of Breast Health is indexed in Index Copernicus, EBSCO,  
TÜBİTAK ULAKBİM Medical Databases, Türk Medline and Turkish Citation Index databases.



Publisher  
**İbrahim KARA**

Publication Director  
**Ali ŞAHİN**

Deputy Publication Directors  
**Gökhan ÇİMEN**  
**Dilşad GÜNEY**

Publication Coordinators  
**Ebru MUTLU**  
**Esra GÖRGÜLÜ**

**Betül ÇİMEN**  
**Zeynep YAKIŞIRER**  
**Gökçe ŞENDÜR**  
Finance Coordinator  
**Veysel KARA**

Project Coordinator  
**Hakan ERTEN**

Project Assistants  
**Büşra KALKAN**  
**Duygunur CAN**

Graphics Department  
**Ünal ÖZER**  
**Neslihan YAMAN**  
**Kübra ÇOLAK**

Contact

Address : Büyükdere Cad. No: 105/9 34394  
Mecidiyeköy, Şişli, İstanbul, Turkey

Phone : +90 212 217 17 00

Fax : +90 212 217 22 92

E-mail : info@avesyayincilik.com

## National Editorial Board

### **Cihangir Özaslan**

Ankara Oncology Training and Research Hospital, Ankara, Turkey

### **Şehsuvar Gökgöz**

Uludağ University School of Medicine, Bursa, Turkey

### **Serhat Turay Yazıcı**

Medical Park Hospital, Bursa, Turkey

### **Metehan Gümüş**

Dicle University School of Medicine, Diyarbakır, Turkey

### **Murat Kapkaç**

Ege University School of Medicine, İzmir, Turkey

### **Kemal Atahan**

Katip Çelebi University Atatürk Training and Research Hospital, İzmir, Turkey

### **Alper Akcan**

Erciyes University School of Medicine, Kayseri, Turkey

### **Mehmet Yamaç Erhan**

Celal Bayar University School of Medicine, Manisa, Turkey

### **Şahande Elagöz**

Cumhuriyet University School of Medicine, Sivas, Turkey

### **Aykut Soyder**

Adnan Menderes University School of Medicine, Aydın, Turkey

## International Editorial Board

(Co-Editor for International Review Board: **Atilla Soran MD, Pittsburgh, USA**)

### **Gretchen Ahrendt**

University of Pittsburgh School of Medicine, Pittsburgh, PA, USA

### **Stanley N C Anyanwu**

Nnamdi Azikiwe University, Teaching Hospital, Nnewi, Nigeria

### **Banu Arun**

The University of Texas MD Anderson Cancer Center, Houston, TX, USA

### **Sushil Beriwal**

University of Pittsburgh School of Medicine, Pittsburgh, PA, USA

### **Orhan Demircan**

Çukurova University School of Medicine, Adana, Turkey

### **Durmuş Etiz**

Osmangazi University School of Medicine, Eskişehir, Turkey

### **Bahadır Güllüoğlu**

Marmara University School of Medicine, İstanbul, Turkey

### **Neslihan Cabioğlu**

İstanbul University İstanbul School of Medicine, İstanbul, Turkey

### **Nuh Zafer Cantürk**

Kocaeli University School of Medicine, Kocaeli, Turkey

### **Halit Yılmaz**

İstanbul University Cerrahpaşa School of Medicine, İstanbul, Turkey

### **Varol Çelik**

İstanbul University Cerrahpaşa School of Medicine, İstanbul, Turkey

### **Sibel Özkan Gürdal**

Namık Kemal University School of Medicine, Tekirdağ, Turkey

### **Müfide Nuran Akçay**

Atatürk University School of Medicine, Erzurum, Turkey

### **Bülent Alıç**

Ankara University School of Medicine, Ankara, Turkey

### **Funda Meriç Bernstam**

The University of Texas MD Anderson Cancer Center, Houston, TX, USA

### **Jose L.B. Bevilacqua**

University of São Paulo School of Medicine, São Paulo, Brazil

### **Marguerite Bonaventura**

University of Pittsburgh School of Medicine, Pittsburgh, PA, USA

### **Patrick Borgen**

Maimonides Medical Center, New York, NY, USA

**Mihail Coculescu**

*University of Medicine and Pharmacy Carol Davila, Bucharest, Romania*

**Ivan Drinkovic**

*Hrvatsko Senolosko Drustvo HLZ-a KB Merkur, Zagreb, Croatia*

**Jeffrey Falk**

*St. John Hospital and Medical Center, Detroit, MI, USA*

**Eisuke Fukuma**

*Breast Center, Kameda Medical Center, Kamogawa, Chiba, Japan*

**Kevin S. Hughes**

*Harvard Medical School, Boston, MA, USA*

**Lidija Lincender**

*Emeritus Professor, Sarajevo, Bosnia-Herzegovina*

**Barry Lembersky**

*University of Pittsburgh School of Medicine, Pittsburgh, PA, USA*

**Ronald Johnson**

*University of Pittsburgh, Magee-Womens Hospital, Pittsburgh, PA, USA*

**Kandace McGuire**

*University of Pittsburgh, Magee-Womens Hospital, Pittsburgh, PA, USA*

**Lydia Mouzaka**

*University of Athens School of Medicine, Athens, Greece*

**Lisa A. Newman**

*University of Michigan, Comprehensive Cancer Center, Michigan, USA*

**Masakuna Noguchi**

*Kanazawa University School of Medicine, Kanazawa, Japan*

**Se-Jeong Oh**

*The Catholic University of Korea College of Medicine, Seoul, Korea*

**Tadeusz Pienkowski**

*Medical University of Gdansk, Gdansk, Poland*

**Antonio Pinero**

*Virgen de la Arrixaca University Hospital, Murcia, Spain*

**Dimitrios H. Roukos**

*Ioannina University School of Medicine, Ioannina, Greece*

**Miguel Oller Sanz**

*Clínica Abreu, Santo Domingo, Dominican Republic*

**Barbara Lynn Smith**

*Massachusetts General Hospital, Boston, MA, USA*

**Jules Sumkin**

*University of Pittsburgh School of Medicine, Pittsburgh, PA, USA*

**Ayşegül Şahin**

*The University of Texas MD Anderson Cancer Center, Houston, TX, USA*

**Jorge A. Toro**

*University of Pittsburgh, Magee-Womens Hospital, Pittsburgh, PA, USA*

**Vincent Vinh-Hung**

*University Hospitals of Geneva, University of Geneva, Geneva, Switzerland*

**M. Firdos Ziauddin**

*University of Pittsburgh Medical Center, Pittsburgh, PA, USA*

**Naim Kadoglou**

*London North West Healthcare NHS Trust, Ealing Hospital, London, UK*

*Imperial College, School of Medicine (ICSM), London UK*

*American University of Caribbean (AUC) School of Medicine, Florida, USA*

## Aims and Scope

The Journal of Breast Health is the open access, scientific online-only publication organ of the Turkish Federation of Breast Diseases Societies that is published in accordance with independent, unbiased, double blind peer review principles. (The journal, which was established in 2005 under the title of Meme Sağlığı Dergisi / The Journal of Breast Health, has been published under the title of The Journal of Breast Health (J Breast Health) as an online-only publication since April 2014)

The publication language of the journal is both in Turkish and English, and it is published quarterly on January, April, July and October.

The target audience of the journal includes specialists and medical professionals in general surgery and breast diseases.

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.

The Journal of Breast Health indexed in Web of Science-Emerging Sources Citation Index, TUBITAK ULAKBIM TR Index, Embase, EBSCO and CINAHL.

All manuscripts must be submitted via the online submission system which is available through the journal's web page at [www.thejournalofbreasthealth.com](http://www.thejournalofbreasthealth.com).

The journal's guidelines, technical informations and the required forms are available in the journal's web page.

Statements or opinions expressed in the manuscripts published in the journal reflect the views of the author(s) and not the opinions of the Turkish Federation of Breast Diseases Societies, 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.

All published content is available online free of charge at [www.thejournalofbreasthealth.com](http://www.thejournalofbreasthealth.com).

National and international copyrights of the published content belongs to the Turkish Federation of Breast Diseases Societies. Other than providing reference to scientific material, permission should be obtained from the Turkish Federation of Breast Diseases Societies for electronic submission, printing, distribution, any kind of reproduction and reutilization of the materials in electronic format or as printed media:

Editor: Prof. Dr. Vahit ÖZMEN

Address: Department of General Surgery, İstanbul University İstanbul School of Medicine, Çapa, İstanbul, Turkey

Phone: +90 (212) 534 02 10

Fax: +90 (212) 534 02 10

E-mail: [editor@thejournalofbreasthealth.com](mailto:editor@thejournalofbreasthealth.com)

Web: [www.thejournalofbreasthealth.com](http://www.thejournalofbreasthealth.com)

Publisher: AVES - İbrahim KARA

Address: Büyükdere Cad. 105/9 34394 Mecidiyeköy, Şişli, İstanbul, Turkey

Phone: +90 (212) 217 17 00

Fax: +90 (212) 217 22 92

E-mail: [info@avesyayincilik.com](mailto:info@avesyayincilik.com)

The Journal of Breast Health is an international periodical that is published in an electronic format in accordance with the principles of independent, unbiased, and double-blinded peer-review. Four issues are published annually; in January, April, July and October.

A print version of the journal is not available and it is only accessible at the website [www.thejournalofbreasthealth.com](http://www.thejournalofbreasthealth.com). The manuscripts on this web page can be accessed free of charge, and full text PDF files can be downloaded.

Authors should submit manuscripts through the journal website ([www.thejournalofbreasthealth.com](http://www.thejournalofbreasthealth.com)). Manuscripts sent by other means will not be evaluated. Full text of the manuscripts may be in either Turkish or English. The title, abstract and keywords in every manuscript should be written in both Turkish and English. However, foreign authors outside of Turkey are not required to include the Turkish title, abstract and keywords during their manuscript submission.

Preliminary conditions for the approval of a manuscript include originality, having a high scientific value and citation potential.

Submitted manuscripts should not have been presented or published elsewhere in either electronic or printed format. A statement should be included for previous submission to and rejection by another journal. Relaying previous reviewer evaluation reports would accelerate the evaluation process. Name, date and place of the event must be specified if the study has been previously presented at a meeting.

The authors are requested to transfer all copyrights of the manuscript to the journal as of the evaluation process in relevance to the national and international regulations. The Copyright Transfer Form signed by all authors should be submitted to the journal while uploading the manuscript through the system. All financial liability and legal responsibilities associated with the copyright of the contained text, table, figure, picture, and all other sorts of content that are protected by national and international laws belong solely to the author.

The corresponding author is required to complete the Author Contribution Form in order to protect authors' rights, and avoid ghost and honorary authorship issues.

All kinds of aids and support received from both persons and institutions should be declared, and the ICMJE Uniform Disclosure Form for Potential Conflicts of Interest should be completed to clarify conflict of interest issues.

The format of the manuscripts must conform to the journal's instructions and to the standards of ICMJE-Recommendations for the Conduct, Reporting, Editing and Publication of Scholarly Work in Medical Journals (updated in December 2014 -<http://www.icmje.org/icmje-recommendations.pdf>), and the presentation of the content must be in accordance with appropriate international guidelines. CONSORT guidelines should be used for the reporting of randomized trials, STROBE for observational studies, STARD for diagnostic studies, PRISMA for systematic reviews and meta-analyses, ARRIVE for animal studies, and TREND for non-randomized behavior and public health intervention studies.

An ethics committee report prepared in accordance with "WMA Declaration of Helsinki-Ethical Principles for Medical Research Involving Human Subjects" and "Guide for the Care and Use of Laboratory Animals" is required for experimental and clinical studies, drug investigations and some case reports. The authors may be asked to submit ethics committee report or a substitute official report, if deemed necessary. In papers reporting the results of experimental studies, a statement should be included in the text indicating that all subjects provided consent for the study, after detailed explanation of all procedures that the volunteer subjects and patients were subjected to. In animal studies, the means of pain and discomfort relief should be clearly specified. Informed consents, name of the ethics committee, issue number and date of the approval document should be written in the Material and Methods section of the main document.

All manuscripts are subject to preliminary evaluation by the Editors. The manuscripts are reviewed for possible plagiarism, replication and duplicated publication during this process. Our journal will impose sanctions in accordance with the

guidelines of Committee on Publication Ethics (COPE) in conditions where such non-ethical issues may arise. Subsequently, manuscripts are forwarded to at least 2 independent referees for double-blinded peer-review. The reviewers are selected among independent experts who have international publications and citations relevant to the subject of the manuscript. Additionally, a statistician evaluates research articles, systematic reviews and meta-analyses. Authors are deemed to have accepted that required revisions are to be made by the Editors provided that this will not make a comprehensive change in the original document.

Upon approval of the manuscript for publication, requests of addition to or removal from the author list or order change will not be accepted.

The manuscripts should be prepared in the form of a Microsoft Office Word document and should comply with the following specifications.

**Original Research:** The abstract should be written in both Turkish and English, and be structured with Objective, Material and Methods, Results and Conclusion sections. The abstract should not exceed 250 words. Keywords must conform to Medical Subject Headings (MeSH) terms prepared by National Library of Medicine (NLM), and contain minimum 3 and maximum 6 items; keywords should be written in both Turkish and English just below the abstract. The main text should contain Introduction, Material and Methods, Results, Discussion and Conclusion sections, References, Tables, Figures and Images, and should be limited to 5000 words excluding references. The number of references should be limited to 50.

Statistical analyses must be conducted in accordance with the international statistical reporting standards (Altman DG, Gore SM, Gardner MJ, Pocock SJ. Statistical guidelines for contributors to medical journals. *Br Med J* 1983; 7: 1489-93). Statistical analyses should be written as a subheading under the Material and Methods section and the statistical software used must certainly be specified. Data must be expressed as mean  $\pm$  standard deviation when parametric tests are used to compare continuous variables, and as median (minimum-maximum) and percentiles (25<sup>th</sup> and 75<sup>th</sup> percentiles) when non-parametric tests are used. In advanced and complicated statistical analyses, relative risk (RR), odds ratio (OR) and hazard ratio (HR) must be supported by confidence intervals (CI) and p values.

**Editorial Comments:** Editorial comments aim at providing brief critical commentary by the reviewers having expertise or with high reputation on the topic of the research article published in the journal. Authors are selected and invited by the journal. Abstract, Keywords, Tables, Figures, Images and other media are not included. The main text should not include subheadings and be limited to maximum 1500 words; references should be limited to 15.

**Review:** Reviews that are prepared by authors who have extensive knowledge on a particular field and whose scientific background has been translated into a high volume of publications and higher citation potential are taken under review. The authors may be invited by the journal. Reviews should be describing, discussing and evaluating the current level of knowledge on a topic used in clinical practice and should guide future studies. The manuscript should contain an unstructured abstract not exceeding 250 words, and should include minimum 3 and maximum 6 keywords which conform to Medical Subject Headings (MeSH) terms prepared by National Library of Medicine (NLM). The main text should not exceed 5000 words and the references should be limited to 50.

The originality of the visual media contained in the reviews should be confirmed by submitting a letter to the journal. The original versions of the printed or electronic copies of the images adapted from a published source should be cited properly and the written permission obtained from the copyright holder (publisher, journal or authors) should be forwarded to the journal.

**Case Report:** Only a limited number of case reports are published in the journal. Reports on rare cases or conditions that constitute challenges in the diagnosis and treatment, those offering new therapies or revealing knowledge not included in textbooks, and interesting and educative case reports are accepted for publication. The abstract should be unstructured and should not exceed 250 words. The

## Instructions to Authors

manuscript should include minimum 3 and maximum 6 keywords which conform to Medical Subject Headings (MeSH) (<https://www.nlm.nih.gov/mesh/MBrowser.html>) terms prepared by National Library of Medicine (NLM). The text should include Introduction, Case Report, Discussion and Conclusion sections, References, Tables, Figures and Images, and should be limited to 700 words. References should be limited to 10.

**Letter to the Editor:** Includes manuscripts discussing important parts, overlooked aspects or lacking parts of a previously published article. Articles on the subjects within the scope of the journal that might attract the readers' attention, particularly educative cases can also be submitted in the form of "Letter to the Editor". Readers can also present their comments on the published manuscripts in the form of "Letter to the Editor". Abstract, Keywords, Tables, Figures, Images and other media are not included. The text should be unstructured and should not exceed 500 words; references are limited to 5. The volume, year, issue, page numbers, and title of the manuscript being commented on, as well as the name of the authors should be clearly specified, should be listed in the references and cited within the text.

**Images in Clinical Practices:** Our journal accepts original high quality images related to the cases that we come across during clinical practices, that cite the importance or infrequency of the topic, make the visual quality stand out and present important information that should be shared in academic platforms. Titles of the images should not exceed 10 words and should be provided in both English and Turkish. Images can be signed by no more than 3 authors. Figure legends are limited to 200 words and the number of figures is limited to 3. Video submissions will not be considered.

### Special Considerations

Names of the corresponding author and other authors, affiliations, and other information on the study centers should not be included in any part of the manuscript or images in order to allow double-blinded peer-review. Such information should be uploaded to the relevant section of the online submission system, and be separately specified in the title page.

All tables, figures, graphs and other visual media must be numbered in order of citation within the text and must not disclose the names of the patients, doctors or institutions. 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. Tables should not be submitted in JPEG, TIFF or other visual formats. 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. The lines within the graphs must be in adequate thickness so that loss of details would be minimal if a reduction is needed during press. The width must be either 9 cm or 18 cm. It would be more appropriate if professionals prepare the drawings. Gray color should be avoided. Abbreviations must be explained in alphabetical order at the bottom. Roman numerals should be avoided while numbering the Tables and Figures, or while citing the tables in the text. 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.

Pharmaceuticals should be specified with their generic names, and medical products and devices should be identified with brand name and company name, city and country.

### References

References should be numbered consecutively within the main text in the order they are cited and should be stated in parenthesis. 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 (Patris 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; it should not be represented by "ve ark." in Turkish articles and by "et al." in English articles. References published in PubMed should have a PMID:xxxxxx at the end of it, which should be stated in parenthesis. The reference format and punctuation should be as stated in the following examples:

Journal: Little FB, Koufman JA, Kohut RI, Marshall RB. Effect of gastric acid on the pathogenesis of subglottic stenosis. *Ann Otol Rhinol Laryngol* 1985; 94:516-519. (PMID: 4051410)

Book Section: Sherry S. Detection of thrombi. In: Strauss HE, Pitt B, James AE, editors. *Cardiovascular Medicine*. St Louis: Mosby; 1974.p.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: Bengissson 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 accepted for publication, but not published: Leshner AI. Molecular mechanisms of cocaine addiction. *N Engl J Med* In press 1997.

Epub ahead of print Articles: Aksu HU, Ertürk M, Gül M, Uslu N. Successful treatment of a patient with pulmonary embolism and biatrial thrombus. *Anadolu Kardiyol Derg* 2012 Dec 26. doi: 10.5152/akd.2013.062. [Epub ahead of print]

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>.

The latest status of the submitted manuscripts and other information about the journal can be accessed at [www.thejournalofbreasthealth.com](http://www.thejournalofbreasthealth.com). Should you have additional questions, contact details of the Editorial Office and Publisher are provided below for correspondence.

Editor: Prof. Dr. Vahit ÖZMEN

Address: Department of General Surgery, İstanbul University İstanbul Faculty of Medicine, Çapa, İstanbul

Phone: +90 (212) 534 02 10

Fax: +90 (212) 534 02 10

E-mail: [editor@thejournalofbreasthealth.com](mailto:editor@thejournalofbreasthealth.com)

Web: [www.thejournalofbreasthealth.com](http://www.thejournalofbreasthealth.com)

Publisher: AVES - İbrahim KARA

Address: Büyükdere Cad. 105/9 34394 Mecidiyeköy, Şişli, İstanbul, Turkey

Phone: +90 (212) 217 17 00

Fax: +90 (212) 217 22 92

E-mail: [info@avesyayincilik.com](mailto:info@avesyayincilik.com)

### EDITORIAL

- 52 3D Supine Automated Ultrasound (SAUS, ABUS, ABVS) for Supplemental Screening Women with Dense Breasts  
Alexander Mundinger

### ORIGINAL ARTICLES

- 56 The Treatment Approach and Social Support Needs for Patients with Breast Cancer  
Pinar Soylar, Metin F. Genç
- 63 Metaplastic Breast Carcinoma: Analysis of Clinical and Pathologic Characteristics - A Case Series  
Semra Salimoğlu, İsmail Sert, Mustafa Emiroğlu, Cem Karaali, Dilek Kuzukıran, Yasemin Akyüz Kırmızı, Gülden Diniz, Cengiz Aydın
- 67 The Relationship between Adiponectin and Breast Cancer  
Burcu Erbay, Tonguç Utku Yılmaz, Ceyla Eraldemir, Nihal Üren, Çağrı Tiryaki, Emel Ergül, Zafer Utkan
- 72 Barriers Against Mammographic Screening in a Socioeconomically Underdeveloped Population: A Population-based, Cross-sectional Study  
Tolga Özmen, Salih Yüce, Tekin Güler, Canan Ulun, Nilufer Özyayın, Sandhya Pruthi, Nezih Akkapulu, Koray Karabulut, Atilla Soran, Vahit Özmen
- 78 Sentinel Node Biopsy in Special Histologic Types of Invasive Breast Cancer  
Montserrat Solà, Mireia Recaj, Eva Castellà, Pere Puig, Josep Maria Gubern, Juan Francisco Julian, Manel Fraile

### CASE REPORTS

- 83 A Rare Tumor that Mimicked Metastasis in a Patient with Breast Cancer: Epithelioid Hemangioendothelioma  
Fatmagül Kuşku Çabuk, Fatma Aktepe, Ahmet Serkan İlgün, Dauren Sarsenov, Filiz Elbüken, Vahit Özmen
- 86 Gestational Gigantomastia  
Halil Türkan, M. Şehsuvar Gökgöz, İsmet Taşdelen, Halit Ziya Dünder
- 88 PET-MRI Findings of Two Patients with Breast Carcinoma before Treatment  
Filiz Çelebi, Ülkühan Köksal, Keban Nur Pilancı, Çetin Ordu, Dauren Sarsenov, Serkan İlgün, Fatmagül Kuşku Çabuk, Gül Alço, Güzide Özdil, Zeynep Erdoğan, Vahit Özmen
- 91 Negative-pressure Wound Therapy in Chronic Inflammatory Breast Diseases  
Ozan Barış Namdaroğlu, Hilmi Yazıcı, Ahmet Mücteba Öztürk, Savaş Yakan, Mehmet Yıldırım, Ahmet Deniz Uçar, Nazif Erkan