

## **Prof. MUSTAFA ERKİN ARIBAL**

### **Personal Information**

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### **International Researcher IDs**

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Publons / Web Of Science ResearcherID: X-6448-2018

ScopusID: 1016188

Yoksis Researcher ID: 125873

### **Education Information**

Expertise In Medicine, Diğer (Kurumlar,hastaneler Vb.), Hastaneler, Ankara Türkiye Yüksek İhtisas Eğitim Ve Araştırma Hastanesi, Turkey 1987 - 1991

Undergraduate, Hacettepe University, Tıp Fakültesi, Turkey 1980 - 1986

### **Research Areas**

Health Sciences

### **Academic Titles / Tasks**

Professor, Marmara University, School Of Medicine, Internal Medical Sciences, 2002 - Continues

Associate Professor, Marmara University, School Of Medicine, Internal Medical Sciences, 1997 - 2002

### **Academic and Administrative Experience**

Head of Department, Acibadem Mehmet Ali Aydinlar University, School Of Medicine, Department Of Medical Sciences, 2023 - Continues

### **Courses**

Radiology of the Orbit, Undergraduate, 2023 - 2024

Radiology of Orbita and Optic Pathways, Undergraduate, 2022 - 2023

Breast Radiology, Undergraduate, 2021 - 2022

Orbita Radyolojisi, Undergraduate, 2021 - 2022

Gastrointestinal system radyolojisi, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014

Endokrin system ve Ürogenital system radyolojisi, Undergraduate, 2014 - 2015, 2013 - 2014

Kas-İskelet sistem radyolojisi, Undergraduate, 2013 - 2014

Tanışal radyolojide radyasyon tehlikeleri ve korunma, Undergraduate, 2013 - 2014, 2012 - 2013

Meme radyolojisi, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007

- 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

## Advising Theses

Aribal M. E., Meme Kanserli Hastalarda Neoadjuvan Kemoterapi Sonrası MR İncelemede Radyolojik ve Patolojik Yanıtın Karşılaştırılması ve Patolojik Yanıtı Etkileyen Olası Parametreler Açısından Tedavi Öncesi MR İnceleme ile Değerlendirilmesi, Expertise In Medicine, M.ENES(Student), 2023

Aribal M. E., Meme Kanseri Hastalarında Vücut Kompozisyonunun Değerlendirilmesinde Bioelektriksel İmpedans Analizinin Validasyonu, Doctorate, D.BAŞ(Student), 2021

Aribal M. E., İzole şüpheli mikrokalsifikasyon olgularında biopsi öncesi meme manyetik rezonans görüntülemenin yeri ve histopatolojik bulguların korelasyonu, Expertise In Medicine, E.SOYDEMİR(Student), 2016

## Jury Memberships

Expertise In Medicine, Expertise In Medicine, Acibadem Mehmet Ali Aydinlar Üniversitesi, June, 2023

Associate Professor Exam, Associate Professor Exam, Acibadem Mehmet Ali Aydinlar Üniversitesi, December, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Acibadem Mehmet Ali Aydinlar Üniversitesi, February, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Acibadem Mehmet Ali Aydinlar Üniversitesi, February, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Acibadem Mehmet Ali Aydinlar Üniversitesi, February, 2022

Associate Professor Exam, Associate Professor Exam, Acibadem Mehmet Ali Aydinlar Üniversitesi, December, 2021

## Published journal articles indexed by SCI, SSCI, and AHCI

### I. MRI only detected lesions: Can contrast enhanced mammography guided biopsy be an alternative method: Initial clinical findings.

Aribal E., Guldogan N., Seker M. E., Yilmaz E., Turk E. B.

European journal of radiology, vol.173, pp.111373, 2024 (SCI-Expanded)

### II. Diagnostic capabilities of artificial intelligence as an additional reader in a breast cancer screening program

Seker M. E., Koyluoglu Y. O., Özaydin A. N., Gurdal S. O., Özçinar B., Cabioglu N., Ozmen V., Aribal M. E.

European Radiology, 2024 (SCI-Expanded)

### III. Artificial Intelligence in BI-RADS Categorization of Breast Lesions on Ultrasound: Can We Omit Excessive Follow-ups and Biopsies?

Guldogan N., Taskin F., Icten G. E., Yilmaz E., Turk E. B., Erdemli S., Parlakkilic U. T., Turkoglu O., Aribal E.

Academic radiology, 2023 (SCI-Expanded)

### IV. Diagnostic performance of two versions of an artificial intelligence system in interval breast cancer detection

Çelik L., Güner D. C., Özçağlayan Ö., Çubuk R., Aribal M. E.

Acta Radiologica, vol.64, no.11, pp.2891-2897, 2023 (SCI-Expanded)

### V. Diagnostic value of synthetic diffusion-weighted imaging on breast magnetic resonance imaging assessment: comparison with conventional diffusion-weighted imaging.

Yilmaz E., Güldoğan N., Ulus S., Türk E. B., Misir M. E., Arslan A., Aribal M. E.

Diagnostic and interventional radiology (Ankara, Turkey), 2023 (SCI-Expanded)

### VI. Linear Regression Modeling Based Scoring System to Reduce Benign Breast Biopsies Using Multi-parametric US with Color Doppler and SWE

- Demirci B. Ö., Buğdayıcı O., Ertaş G., Şanlı D. E., Kaya H., Arıbal E.  
Academic Radiology, vol.30, 2023 (SCI-Expanded)
- VII. **Microwave Breast Lesion Classification – Results from Clinical Investigation of the SAFE Microwave Breast Cancer System**  
Janjic A., Akduman İ., Çayören M., Buğdayıcı O., Arıbal M. E.  
Academic Radiology, vol.30, 2023 (SCI-Expanded)
- VIII. **Validation of bioelectrical impedance analysis in the evaluation of body composition in patients with breast cancer**  
Baş D., ARIBAL M. E., VARDARELİ E., SÖNMEZ Ö., OYAN ULUÇ B., Özden B. Ç., Sonkaya A.  
Nutrition in Clinical Practice, vol.38, no.4, pp.817-829, 2023 (SCI-Expanded)
- IX. **Can Supine Breast Magnetic Resonance Imaging After a Dynamic Contrast-Enhanced Breast Magnetic Resonance Imaging Provide Information for Supine Procedures?**  
Kus C. C., Guldogan N., Yilmaz E., Soyder A., Arslan A., Arıbal M. E.  
JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY, vol.47, no.4, pp.561-568, 2023 (SCI-Expanded)
- X. **Outcomes of high-risk breast lesions diagnosed using image-guided core needle biopsy: results from a multicenter retrospective study**  
Oktay A., Aslan Ö., Taşkin F., Tunçbilek N., Esen İçten S. G., Balci P., Arıbal M. E., Çelik L., Örgüt İ. Ş., Başaran Demirkazık F., et al.  
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.29, no.4, pp.579-587, 2023 (SCI-Expanded)
- XI. **Gradient-Boosting Algorithm for Microwave Breast Lesion Classification—SAFE Clinical Investigation**  
Janjic A., Akduman İ., Çayören M., Buğdayıcı O., Arıbal M. E.  
Diagnostics, vol.12, no.12, 2022 (SCI-Expanded)
- XII. **Comparison of 3D-Automated Breast Ultrasound With Handheld Breast Ultrasound Regarding Detection and BI-RADS Characterization of Lesions in Dense Breasts: A Study of 592 Cases**  
Güldogan N., Yilmaz E., Arslan A., Küçükkaya F., Atila N., Arıbal E.  
Academic Radiology, vol.29, no.8, pp.1143-1148, 2022 (SCI-Expanded)
- XIII. **The association of age at menarche and adult height with mammographic density in the International Consortium of Mammographic Density.**  
Ward S. V., Burton A., Tamimi R. M., Pereira A., Garmendia M. L., Pollan M., Boyd N., Dos-Santos-Silva I., Maskarinec G., Perez-Gomez B., et al.  
Breast cancer research : BCR, vol.24, no.1, pp.49, 2022 (SCI-Expanded)
- XIV. **What Has Changed in Patients Aged 65 and over Diagnosed with Breast Cancer during the COVID-19 Pandemic: A Single-Center Experience.**  
Soyder A., Güldoğan N., İsiklar A., Arıbal E., Başaran G.  
Breast care (Basel, Switzerland), vol.55, pp.1-6, 2022 (SCI-Expanded)
- XV. **Evaluation of Multiparametric Shear Wave Elastography Indices in Malignant and Benign Breast Lesions**  
Sanlı D. E. T., Yıldırım D., Kandemirli S. G., Şanlı A. N., Arıbal M. E.  
ACADEMIC RADIOLOGY, vol.29, 2022 (SCI-Expanded)
- XVI. **Diagnostic Performance of AI for Cancers Registered in A Mammography Screening Program: A Retrospective Analysis.**  
Kızıldag Yırığın I., Koçluoglu Y. O., Seker M. E., Ozkan Gurdal S., Ozaydin A. N., Ozçinar B., Cabioğlu N., Ozmen V., Arıbal E.  
Technology in cancer research & treatment, vol.21, no.1, 2022 (SCI-Expanded)
- XVII. **Effects of iron oxide particles on MRI and mammography in breast cancer patients after a sentinel lymph node biopsy with paramagnetic tracers**  
Arıbal E., Celik L., Yilmaz C., Demirkiran C., Guner D. C.  
CLINICAL IMAGING, vol.75, pp.22-26, 2021 (SCI-Expanded)
- XVIII. **Differences of breast tumour localization and size between supine and prone breast MRI for a surgery perspective**  
Kus C. C., Guldogan N., Yilmaz E., İlgin C., Arıbal M. E.

- BREAST, vol.56, 2021 (SCI-Expanded)
- XIX. **Bahcesehir long-term population-based screening compared to National Breast Cancer Registry Data: effectiveness of screening in an emerging country.**  
Ozkan Gurdal S., Ozaydin A. N., Aribal E., Ozcinar B., Cabioglu N., Sahin C., Ozmen V.  
Diagnostic and interventional radiology (Ankara, Turkey), vol.27, no.2, pp.157-163, 2021 (SCI-Expanded)
- XX. **SAFE: A Novel Microwave Imaging System Design for Breast Cancer Screening and Early Detection-Clinical Evaluation**  
Janjic A., Cayoren M., Akduman I., Yilmaz T., Onemli E., Buğdaycı O., Aribal M. E.  
DIAGNOSTICS, vol.11, no.3, 2021 (SCI-Expanded)
- XXI. **The value of MRI contrast enhancement in biopsy decision of suspicious mammographic microcalcifications: a prospective multicenter study**  
Taşkin F., Kalaycı C. B., Tunçbilek N., Soydemir E., Kurt N., Kaya H., Aribal M. E.  
EUROPEAN RADIOLOGY, vol.31, no.3, pp.1718-1726, 2021 (SCI-Expanded)
- XXII. **Modified Glasgow Prognostic Score, Prognostic Nutritional Index and ECOG Performance Score Predicts Survival Better than Sarcopenia, Cachexia and Some Inflammatory Indices in Metastatic Gastric Cancer**  
Demirelli B., Babacan N. A., Ercelep O., Öztürk M. S., Kaya S., Tanrikulu E., Khalil S., Hasanov R., Alan O., Telli T. A., et al.  
NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL, vol.73, no.2, pp.230-238, 2021 (SCI-Expanded)
- XXIII. **The effect of COVID-19 pandemic on breast imaging: a clinical observations.**  
Yilmaz E., Güldoğan N., Aribal E.  
Diagnostic and interventional radiology (Ankara, Turkey), vol.26, pp.603, 2020 (SCI-Expanded)
- XXIV. **Contribution of Magnetic Resonance Imaging in Determining Lumpectomy Cavity in Breast Radiotherapy**  
Demircioglu O., Tepetam H., Eren A. A., Ozgen Z., Demircioglu F., Aribal M. E.  
CURRENT MEDICAL IMAGING, vol.16, no.8, pp.997-1003, 2020 (SCI-Expanded)
- XXV. **MRI-detected breast lesions: clinical implications and evaluation based on MRI/ultrasonography fusion technology.**  
Aribal E.  
Japanese journal of radiology, 2019 (SCI-Expanded)
- XXVI. **3D Automated Breast Ultrasound System: Comparison of Interpretation Time of Senior Versus Junior Radiologist**  
Arslan A., Ertaş G., Aribal M. E.  
EUROPEAN JOURNAL OF BREAST HEALTH, vol.15, no.3, pp.153-157, 2019 (SCI-Expanded)
- XXVII. **Supplementary abbreviated supine breast MRI following a standard prone breast MRI with single contrast administration: is it effective in detecting the initial contrast-enhancing lesions?**  
Aribal E., Buğdaycı O.  
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.25, no.4, pp.265-269, 2019 (SCI-Expanded)
- XXVIII. **Improvement of early detection of breast cancer through collaborative multi-country efforts: Observational clinical study**  
Aribal E., Mora P., Chaturvedi A. K., Hertl K., Davidovic J., Salama D. H., Gershman V., Kadivec M., Odio C., Popli M., et al.  
EUROPEAN JOURNAL OF RADIOLOGY, vol.115, pp.31-38, 2019 (SCI-Expanded)
- XXIX. **Surgical Clips in Breast-conserving Surgery: Do they Represent the Tumor Bed Accurately?**  
Demircioglu O., Aribal E., Uluer M., Ozgen Z., Demircioglu F.  
CURRENT MEDICAL IMAGING, vol.15, no.6, pp.573-577, 2019 (SCI-Expanded)
- XXX. **Silicone-based composite materials simulate breast tissue to be used as ultrasonography training phantoms**  
Ustbas B., Kilic D., Bozkurt A., Aribal M. E., Akbulut O.  
ULTRASONICS, vol.88, pp.9-15, 2018 (SCI-Expanded)
- XXXI. **Improvement of early detection of breast cancer through collaborative multi-country efforts: Medical physics component**

- Mora P., Faulkner K., Mahmoud A. M., Gershon V., Kausik A., Zdesar U., Brandan M., Kurth S., Davidovic J., Salama D. H., et al.  
PHYSICA MEDICA-EUROPEAN JOURNAL OF MEDICAL PHYSICS, vol.48, pp.127-134, 2018 (SCI-Expanded)
- XXXII. **Evaluation of sacroiliac joint MRI for pelvic venous congestion signs in women clinically suspected of sacroilitis**  
Cimsit C., Yoldemir T., Tureli D., Aribal M. E.  
ACTA RADIOLOGICA, vol.58, no.7, pp.849-855, 2017 (SCI-Expanded)
- XXXIII. **Volume Navigation Technique for Ultrasound-Guided Biopsy of Breast Lesions Detected Only at MRI**  
Aribal E., Tureli D., Kucukkaya F., KAYA H.  
AMERICAN JOURNAL OF ROENTGENOLOGY, vol.208, no.6, pp.1400-1409, 2017 (SCI-Expanded)
- XXXIV. **Mammographic density and ageing: A collaborative pooled analysis of cross-sectional data from 22 countries worldwide**  
Burton A., Maskarinec G., Perez-Gomez B., Vachon C., Miao H., Lajous M., Lopez-Ridaura R., Rice M., Pereira A., Luisa Garmendia M., et al.  
PLOS MEDICINE, vol.14, no.6, 2017 (SCI-Expanded)
- XXXV. **Effects of nodule characteristics on sampling number and duration of thyroid fine-needle aspiration biopsy: size does not matter, but cystic degeneration ratio does**  
Cengic I., Tureli D., Altas H., Ozden F., BUĞDAYCI O., Aribal E.  
ACTA RADIOLOGICA, vol.58, no.3, pp.286-291, 2017 (SCI-Expanded)
- XXXVI. **Diagnostic Performance of Diffusion Tensor Imaging Parameters in Breast Cancer and Correlation With the Prognostic Factors**  
Onaygil C., KAYA H., UĞURLU M. Ü., Aribal E.  
JOURNAL OF MAGNETIC RESONANCE IMAGING, vol.45, no.3, pp.660-672, 2017 (SCI-Expanded)
- XXXVII. **Mammography Quality in Turkey: Auditors' Report on a Nationwide Survey**  
Ozsoy A., ARIBAL M. E., Araz L., Erdogan M. B., Sari A., Sencan I., Elmas N.  
IRANIAN JOURNAL OF RADIOLOGY, vol.14, no.1, 2017 (SCI-Expanded)
- XXXVIII. **Concordance of immunohistochemistry between core needle biopsy and surgical resection of breast cancer**  
Kombak F. E., Sahin H., Mollamemisoglu H., Onem I., KAYA H., BUĞDAYCI O., Aribal E.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.47, no.6, pp.1791-1796, 2017 (SCI-Expanded)
- XXXIX. **Quantitative differentiation of breast lesions at 3T diffusion-weighted imaging (DWI) using the ratio of distributed diffusion coefficient (DDC)**  
Ertas G., Onaygil C., Akin Y., KAYA H., Aribal E.  
JOURNAL OF MAGNETIC RESONANCE IMAGING, vol.44, no.6, pp.1633-1641, 2016 (SCI-Expanded)
- XL. **Mammographic density assessed on paired raw and processed digital images and on paired screen-film and digital images across three mammography systems**  
Burton A., Byrnes G., Stone J., Tamimi R. M., Heine J., Vachon C., ÖZMEN V., Pereira A., Garmendia M. L., Scott C., et al.  
BREAST CANCER RESEARCH, vol.18, 2016 (SCI-Expanded)
- XLI. **Radiologic findings of screen-detected cancers in an organized population-based screening mammography program in Turkey**  
Kayhan A., Aribal E., Sahin C., Tasci O. C., Gurdal S. O., Ozturk E., Hatipoglu H. H., Ozaydin N., CABIOĞLU N., ÖZÇINAR B., et al.  
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.22, no.6, pp.508-513, 2016 (SCI-Expanded)
- XLII. **Outcomes of unconventional utilization of BI-RADS category 3 assessment at opportunistic screening**  
Altas H., Tureli D., Cengic I., Kucukkaya F., Aribal E., KAYA H.  
ACTA RADIOLOGICA, vol.57, no.11, pp.1304-1309, 2016 (SCI-Expanded)
- XLIII. **Efficacy of single voxel 1H MR spectroscopic imaging at 3 T for the differentiation of benign and malign breast lesions**  
Ramazan A., Demircioglu O., Ugurlu U., KAYA H., Aribal E.  
CLINICAL IMAGING, vol.40, no.5, pp.831-836, 2016 (SCI-Expanded)
- XLIV. **Multiparametric breast MRI with 3T: Effectivity of combination of contrast enhanced MRI, DWI and**

- 1H single voxel spectroscopy in differentiation of Breast tumors**  
Aribal E., Asadov R., Ramazan A., UĞURLU M. Ü., KAYA H.  
EUROPEAN JOURNAL OF RADIOLOGY, vol.85, no.5, pp.979-986, 2016 (SCI-Expanded)
- XLV. International Consortium on Mammographic Density: Methodology and population diversity captured across 22 countries**  
McCormack V. A., Burton A., dos-Santos-Silva I., Hipwell J. H., Dickens C., Salem D., Kamal R., Hartman M., Lee C. P. L., Chiah K., et al.  
CANCER EPIDEMIOLOGY, vol.40, pp.141-151, 2016 (SCI-Expanded)
- XLVI. Osteopathic Potential of Methotrexate: Medial Tibial Stress Syndrome**  
Cimsit C., BUĞDAYCI O., Aribal M. E.  
Archives of Rheumatology, vol.31, no.4, pp.386-387, 2016 (SCI-Expanded)
- XLVII. Unusual Presentation of Gout: Intratendinous Tophus in the Patellar Tendon**  
Cimsit C., BUĞDAYCI O., Aribal M. E.  
ARCHIVES OF RHEUMATOLOGY, vol.31, no.1, pp.104-106, 2016 (SCI-Expanded)
- XLVIII. Use of a Volume Navigation Technique for Combining Real-Time Ultrasound and Contrast-Enhanced MRI: Accuracy and Feasibility of a Novel Technique for Locating Breast Lesions**  
Kucukkaya F., Aribal E., Tureli D., Altas H., KAYA H.  
AMERICAN JOURNAL OF ROENTGENOLOGY, vol.206, no.1, pp.217-225, 2016 (SCI-Expanded)
- XLIX. Thyroid fine needle aspiration biopsy: do nodule volume and cystic degeneration ratio affect specimen adequacy and cytological diagnosis time?**  
Cengic I., Tureli D., Ozden F., BUĞDAYCI O., Aydin H., Aribal E.  
ACTA RADIOLOGICA, vol.56, no.10, pp.1203-1208, 2015 (SCI-Expanded)
- L. Thyroid fine needle aspiration biopsy: Do we really need an on-site cytopathologist?**  
Cengic I., Tureli D., Ahiskali R., BUĞDAYCI O., Aydin H., Aribal E.  
EUROPEAN JOURNAL OF RADIOLOGY, vol.83, no.4, pp.680-683, 2014 (SCI-Expanded)
- L.I. The value of ultrasound elastography in differentiation of malignancy in thyroid nodules**  
Akcay M. A., Semiz-Oysu A., Ahiskali R., Aribal E.  
CLINICAL IMAGING, vol.38, no.2, pp.100-103, 2014 (SCI-Expanded)
- L.II. Successful First Round Results of a Turkish Breast Cancer Screening Program with Mammography in Bahcesehir, Istanbul**  
Kayhan A., Gurdal S. O., Ozaydin N., CABIOĞLU N., Ozturk E., ÖZÇİNAR B., Aribal E., ÖZMEN V.  
ASIAN PACIFIC JOURNAL OF CANCER PREVENTION, vol.15, no.4, pp.1693-1697, 2014 (SCI-Expanded)
- L.III. Surgical Procedure Joining the Lateral Rectus and Superior Rectus Muscles With or Without Medial Rectus Recession for the Treatment of Strabismus Associated With High Myopia**  
Akar S., Gokyigit B., Aribal E., Demir A., Goker Y. S., Demirok A.  
JOURNAL OF PEDIATRIC OPHTHALMOLOGY & STRABISMUS, vol.51, no.1, pp.53-58, 2014 (SCI-Expanded)
- L.IV. Successful results of a population-based organized mammography screening program in a developing country: The Turkish experience**  
Ozmen V., Ozkan-Gurdal S., Kayhan A., Ozaydin N., CABIOĞLU N., Ozcinar B., ARIBAL M. E.  
CANCER RESEARCH, vol.73, 2013 (SCI-Expanded)
- LV. Molecular profiles of screen detected breast cancers: Final results of Turkish Bahcesehir breast cancer screening project**  
Cabioglu N., Ozkan-Gurdal S., Kayhan A., Ozaydin N., ÖZÇİNAR B., ARIBAL M. E., ÖZMEN V.  
CANCER RESEARCH, vol.73, 2013 (SCI-Expanded)
- LV.I. The role of apparent diffusion coefficient values in the differential diagnosis of breast lesions in diffusion-weighted MRI**  
Sahin C., Aribal E.  
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.19, no.6, pp.457-462, 2013 (SCI-Expanded)
- LVII. ULTRASONOGRAPHY AND DUPLEX DOPPLER ULTRASONOGRAPHY BASED INDICES IN NODULAR THYROID DISEASE**  
ASLAN A., Sancak S., ASLAN M., ÇİMŞİT N. Ç., GÜLLÜOĞLU M. B., Ahiskali R. A., Akalin N. S., ARIBAL M. E.

- ACTA ENDOCRINOLOGICA-BUCHAREST, vol.9, no.4, pp.575-588, 2013 (SCI-Expanded)
- LVIII. FIRST ROUND RESULTS OF A LONG TERM POPULATION- BASED BREAST CANCER SCREENING PROGRAM FROM BAHCESEHIR**
- Kayhan A., Gurdal S. O., ÖZAYDIN A. N., Ozturk E., CABIOĞLU N., ARIBAL M. E., ÖZMEN V.
- JOURNAL OF BREAST HEALTH, vol.8, no.4, pp.180-184, 2012 (SCI-Expanded)
- LIX. Assessment of mammography quality in Istanbul**
- Gurdemir B., Aribal E.
- DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.18, no.5, pp.468-472, 2012 (SCI-Expanded)
- LX. SCREENING AND DIAGNOSIS IN BREAST CANCER (ISTANBUL BREAST CANCER CONSENSUS CONFERENCE 2010)**
- Baskan S., Atahan K., ARIBAL M. E., ÖZAYDIN A. N., Balci P., Yavuz E.
- EUROPEAN JOURNAL OF BREAST HEALTH, vol.8, no.3, pp.100-125, 2012 (SCI-Expanded)
- LXI. Accuracy of imaging-guided biopsy in diagnosis of malignancy versus infection**
- ÇAKIR F. B., Genç D. B., Canpolat C., Aribal E., Berrak S. G.
- INDIAN JOURNAL OF CANCER, vol.49, no.3, pp.283-286, 2012 (SCI-Expanded)
- LXII. Survey on a Mammographic Screening Program in Istanbul, Turkey**
- ÖZMEN V., ÖZAYDIN A. N., Cabioglu N., Gulluoglu B. M., Unalan P. C., Gorpe S., Oner B. R., Aribal E., Thomas D. B., Anderson B. O.
- BREAST JOURNAL, vol.17, no.3, pp.260-267, 2011 (SCI-Expanded)
- LXIII. Myoepithelial differentiation in breast carcinoma.**
- Kaya H., Güllüoglu B., Aribal E.
- Tumori, vol.94, pp.116-20, 2008 (SCI-Expanded)
- LXIV. Accuracy of imaging-guided biopsy in diagnosis of malignancy vs infection**
- Berrak S., Cakir B., Beker B., Canpolat C., ARIBAL M. E.
- PEDIATRIC BLOOD & CANCER, vol.49, no.4, pp.523, 2007 (SCI-Expanded)
- LXV. A comparison of fine needle aspiration cytology and core biopsy in the diagnosis of breast masses**
- Ahiskali R., Tosuner Z., Tuzuner B., Kaya H., Gulluoglu B., ARIBAL M. E.
- VIRCHOWS ARCHIV, vol.451, no.2, pp.115, 2007 (SCI-Expanded)
- LXVI. Comparison of orbital magnetic resonance imaging in duane syndrome and abducens palsy.**
- Ozkan S., Aribal M. E.
- American journal of ophthalmology, vol.143, 2007 (SCI-Expanded)
- LXVII. Anterior coloboma with macrophtalmos and cyst MR findings**
- Altun E., Aribal E., Toker E., Ogut M.
- CLINICAL IMAGING, vol.29, no.6, pp.430-433, 2005 (SCI-Expanded)
- LXVIII. Analysis of the PAX8 gene in congenital hypothyroidism caused by different forms of thyroid dysgenesis in a father and daughter.**
- Bereket A., Liao X., Turoglu T., Aribal E., Refetoff S.
- Journal of pediatric endocrinology & metabolism : JPEM, vol.17, pp.1021-9, 2004 (SCI-Expanded)
- LXIX. Clinical utility of bilateral whole-breast US in dense breasts - Is routine US examination necessary?**
- Sahingoz Y., KAYA H., ARIBAL M. E.
- EJC SUPPLEMENTS, vol.2, no.3, pp.96, 2004 (SCI-Expanded)
- LXX. Phosphor screen digital mammography: experience with 8592 screening mammographies**
- Sahingoz Y., Turk A., SEVER A., Evcin E., ARIBAL M. E.
- EJC SUPPLEMENTS, vol.2, no.3, pp.89-90, 2004 (SCI-Expanded)
- LXXI. The influence of sex hormones on ocular blood flow in women.**
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- XLI. **Ultrasound imaging principles and equipment optimization**  
ARIBAL M. E.  
IBUS International Breast Ultrasound School, St Petersburg, Russia, 16 - 18 September 2015
- XLII. **The present role of breast MRI**  
ARIBAL M. E.  
IBUS International Breast Ultrasound School, St Petersburg, Russia, 16 - 18 September 2015
- XLIII. **Ultrasonic evaluation of malignant lesions**  
ARIBAL M. E.  
IBUS International Breast Ultrasound School, St Petersburg, Russia, 16 - 18 September 2015
- XLIV. **Vacuum assisted biopsy techniques and indications**  
ARIBAL M. E.  
IBUS International Breast Ultrasound School, St Petersburg, Russia, 16 - 18 September 2015
- XLV. **Imaging Startegy for Screening High Risk Women and Breast Density as a Risk Factor**  
ARIBAL M. E.  
New Horizons in Oncology: Breast Cancer, İstanbul, Turkey, 12 September 2015
- XLVI. **The radio dense breast much do about nothing**  
ARIBAL M. E.  
• The 35th Annual Meeting of the German Society for Senology, Leipzig, Germany, 25 - 27 June 2015
- XLVII. **Radiopathologic Correlations**  
ARIBAL M. E.  
IBUS International Breast Ultrasound School, Atina, Greece, 13 - 15 June 2015
- XLVIII. **Microcalcifications to biopsy or not**  
ARIBAL M. E.

- IBUS International Breast Ultrasound School, Atina, Greece, 13 - 15 June 2015
- XLIX. Imaging of the Post Surgical Breast**  
ARIBAL M. E.  
IBUS International Breast Ultrasound School, Atina, Greece, 13 - 15 June 2015
- L. Meme Anatomisi ve Meme Çekim Teknikleri**  
ARIBAL M. E.  
International Congress Of Medical Imaging Technology And New Projections (I-CONRAD), Antalya, Turkey, 30 April - 04 May 2015
- LI. Mamografi Fiziği ve Dijital Mamografide Güncel Çözümler**  
ARIBAL M. E.
  - International Congress Of Medical Imaging Technology And New Projections (I-CONRAD), Antalya, Turkey, 30 April - 03 May 2015
- LII. Meme Görüntülemede Radyolojik Yaklaşımalar**  
ARIBAL M. E.
  - International Congress Of Medical Imaging Technology And New Projections (I-CONRAD), Antalya, Turkey, 30 April - 03 May 2015
- LIII. Do surgical clips really indicate the tumor bed margins for radiotherapy planning?**  
ARIBAL M. E., Demircioglu O., Olduz M., Ozgen Z.  
Annual Meeting of the American-Society-of-Clinical-Oncology (ASCO) / Clinical Science Symposium on Predicting and Improving Adverse Outcomes in Older Adults with Cancer, Illinois, United States Of America, 29 May - 02 June 2015, vol.33
- LIV. Parsiyel Meme İşinlemasında Hedef Alınan Klipslerin Cerrahi Kavitede Yer Değişiminin Mamografik Olarak Değerlendirilmesi**  
Uluer M., Yardım E., Gülşen C., Demircioğlu Ö., Özgen Z., ARIBAL M. E.
  - International Congress Of Medical Imaging Technology And New Projections (I-CONRAD), Antalya, Turkey, 2 - 04 April 2015
- LV. Efficacy of single voxel 1H MR spectroscopic imaging at 3T for the differentiation of benign and malignant breast lesions**  
Ramazan A., Demircioğlu Ö., UĞURLU M. Ü., KAYA H., ARIBAL M. E.  
European Congress of Radiology, Viyana, Austria, 4 - 08 March 2015
- LVI. Value of 1H spectroscopy 3 T MR imaging in breast lesions in addition to BI-RADS MR findings and DWI a preliminary report**  
ASADOV R., ARIBAL M. E., Ramazan A., UĞURLU M. Ü., KAYA H.  
European Congress of Radiology, Viyana, Austria, 4 - 08 March 2015
- LVII. Efficacy of voxel 1H MR spectroscopic imaging at 3T for the differentiation of benign and malignant lesions**  
RAMAZAN A., DEMİRCİOĞLU Ö., UĞURLU M. Ü., KAYA H., ARIBAL M. E.  
European Congress of Radiology, Viyana, Austria, 4 - 08 March 2015
- LVIII. Bizi şaşırtan olgular**  
ARIBAL M. E.  
Meme Kanserinde Yeni Yaklaşımalar Eğitim Toplantısı, İstanbul, Turkey, 24 - 25 January 2015
- LIX. Vakum eşliğinde eksizyon**  
ARIBAL M. E.  
Meme Kanserinde Yeni Yaklaşımalar Eğitim Toplantısı, İstanbul, Turkey, 24 - 25 January 2015
- LX. Memede yalnızca manyetik rezonans incelemesinde tespit edilen lezyonlara volüm navigasyon teknini kullanarak ultrason eşlikli biyopsi işlemi uygulanabilirliği ve isabetliliği**  
KUCUKKAYA F., ARIBAL M. E., AYDIN ALTAS H., KAYA H., UĞURLU M. Ü.  
35.Uluslararası Radyoloji Kongresi, Antalya, Turkey, 11 - 16 November 2014
- LXI. Molecular profiles of screen-detected breast cancers from a Turkish breast cancer screening program**  
Cabioglu N., Gurdal S. O., Kayhan A., Ozaydin N., ARIBAL M. E., ÖZMEN V.

- 49th Annual Meeting of the American-Society-of-Clinical-Oncology (ASCO), Illinois, United States Of America, 31 May - 04 June 2013, vol.31
- LXII. **The role of cytopathologist during ultrasound guided fine needle aspiration biopsy in terms of biopsy duration and diagnostic quality**  
CENGİÇ İ., AHISKALI A. R., TÜRELİ D., ARIBAL M. E.  
EUROPEAN CONGRESS OF RADIOLOGY 2010, VÍYANA, Austria, 4 - 08 March 2010
- LXIII. **Survey on a pilot mammographic screening programme in Istanbul, Turkey**  
Cabioglu N., ÖZMEN V., ÖZAYDIN A. N., GÜLLÜOĞLU M. B., Unalan P. C., Gorpe S., ARIBAL M. E., Duran C., Thomas D. B., Anderson B. O.  
European Breast Cancer Conference, Barcelona, Spain, 24 March 2010, vol.8, pp.243
- LXIV. **ULTRASON EŞLİĞİNDE TİROİD İNCE İĞNE ASPIRASYON BİYOPSİLERİİNDE SÜRE VE TANISAL KALİTE AÇISINDAN İŞLEM SIRASINDA PATOLOĞUN BULUNMASININ ROLÜ**  
CENGİÇ İ., TÜRELİ D., AHISKALI A. R., ARIBAL M. E.  
30. ULUSAL RADYOLOJİ KONGRESİ, Turkey, 4 - 09 November 2009
- LXV. **Sağlıklı ve Düşük Riskli Bireylerde hipo ozmolar kontrast Maddelerin Nefrotoksik Etkilerinin Değerlendirilmesi**  
TEKTÜRK M., ERGELEN R., ARIBAL M. E.  
28. Ulusal radyoloji Kongresi, Turkey, 27 - 31 October 2007
- LXVI. **Tiroid Nodüllerinde İnce İğne Aspirasyon Biyopsi Sonuçlarının Değerlendirilmesi**  
ÇUBUK T., ERGELEN R., SEVER A., ARIBAL M. E.  
27. Ulusal Radyoloji Kongresi, Turkey, 11 - 15 October 2006
- LXVII. **Spondilolistezis olgularında kemik dansitometri ile korelasyon**  
ÇUBUK T., CİMŞİT C., TEKTURK M., ERGELEN R., ARIBAL M. E.  
26. Ulusal radyoloji Kongresi, Turkey, 26 - 30 October 2005
- LXVIII. **P53 C erbB 2 Estrogen and Progesteron Receptor Expression Correlation with the Histopathological Prognostic Parameters in Ductal Carcinomas of the Breast**  
KAYA H., ERBARUT İ., BOZKURT S., GÜLLÜOĞLU M. B., ARIBAL M. E.  
20th European Congress of Pathology, 3 - 08 September 2005
- LXIX. **Memenin invazif Duktal Karsinomlarında p 53 ve c erbB 2 Onkogenlerinin Ekspresyonunun Östrojen Progesteron Rezeptörleri ve Histopatolojik Parametrelerle İlişkisi**  
KAYA H., ERBARUT İ., GÜLLÜOĞLU M. B., ÇAĞLAR H., ABACIOĞLU U., ÖZKAN N., ARIBAL M. E.  
17. Ulusal Patoloji Sempozyumu, Turkey, 1 - 06 October 2004
- LXX. **Memenin infiltratif Pleomorfik Lobuler KArsinomu**  
HELVACIOĞLU F., MİDİ A., ERBARUT İ., BOZKURT S., GÜLLÜOĞLU M. B., ARIBAL M. E., KAYA H.  
16. Ulusal Patoloji Kongresi, Turkey, 29 - 31 May 2003
- LXXI. **Feature extraction from mammographic mass shapes and development of a mammogram database**  
Ertas G., Gulcur H., ARIBAL M. E., Semiz A.  
23rd Annual International Conference of the IEEE-Engineering-in-Medicine-and-Biology-Society, İstanbul, Turkey, 25 - 28 October 2001, vol.23, pp.2752-2755

## Supported Projects

Aribal M. E., Buğdayci O., Kaya H., Özdemir B., Project Supported by Other Official Institutions, Shear Wave Elastografinin Solid Meme Kitlelerinin Tanı ve Takibindeki Rolü, 2015 - 2018

## Activities in Scientific Journals

European Journal of Breast Health, Editor, 2017 - Continues  
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, Editor, 2019 - 2022

## **Memberships / Tasks in Scientific Organizations**

International Breast Imaging School (IBUS), Chairman, 2020 - Continues, Switzerland  
EUSOBI, Member, 2002 - Continues, Austria  
European Society of Radiology, Member, 1999 - Continues, Austria  
Türk Radyoloji Derneği, Member, 1989 - Continues, Turkey

## **Scientific Refereeing**

EUROPEAN JOURNAL OF RADIOLOGY, Journal Indexed in SCI-E, February 2024  
EUROPEAN RADIOLOGY, SCI Journal, January 2024  
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, Journal Indexed in SCI-E, January 2024  
EUROPEAN RADIOLOGY, SCI Journal, December 2023  
EUROPEAN JOURNAL OF BREAST HEALTH, Other Indexed Journal, December 2023  
EUROPEAN JOURNAL OF BREAST HEALTH, Other Indexed Journal, November 2023  
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, Journal Indexed in SCI-E, October 2023  
EUROPEAN RADIOLOGY, SCI Journal, September 2023  
ACTA RADIOLOGICA, SCI Journal, September 2023  
EUROPEAN JOURNAL OF RADIOLOGY, SCI Journal, August 2023  
EUROPEAN RADIOLOGY, SCI Journal, August 2023  
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, SCI Journal, April 2023  
EUROPEAN JOURNAL OF BREAST HEALTH, Other Indexed Journal, April 2023  
EUROPEAN JOURNAL OF RADIOLOGY, SCI Journal, November 2022  
EUROPEAN JOURNAL OF RADIOLOGY, SCI Journal, September 2021

## **Tasks In Event Organizations**

Molinas Mandel N., Oyan Uluç B., Aribal M. E., Beşe N., Çelik L., Esen İçten G., Uras C., 16. Meme Kanserinde Yeni Yaklaşımlar, Scientific Congress, İstanbul, Turkey, Ocak 2024  
Aribal M. E., European Congress of Radiology, Scientific Congress, Vienna, Austria, Mart 2023  
Molinas Mandel N., Oyan Uluç B., Uras C., Çelik L., Esen İçten G., Beşe N., Aribal M. E., Demir G., Yücel A., Çelet Özden B., Meme Kanserinde Yeni Yaklaşımlar, Scientific Congress, İstanbul, Turkey, Ocak 2023  
Taşkin F., Uras C., Güllüoğlu M. B., Aribal M. E., Oyan Uluç B., Tokat F., Sönmez Ö., Çelik L., Arıkan A. E., Molinas Mandel N., Breastanbul 2022, Scientific Congress, İstanbul, Turkey, Ekim 2022  
Aribal M. E., Koufoudakis D., Durante E., Mundinger A., IBUS Cyprus Course, Workshop Organization, Lefkosia, Cyprus (Gkry), Ekim 2022  
Aribal M. E., Koufoudakis D., Durante E., IBUS Athens Course, Scientific Congress, Athens, Greece, Haziran 2022  
Molinas Mandel N., Uras C., Oyan Uluç B., Çelik L., Aribal M. E., Beşe N., Esen İçten G., Meme Kanserinde Yeni Yaklaşımlar, Scientific Congress, İstanbul, Turkey, Ocak 2022  
Özmen V., Aribal M. E., Özkan Gürdal S., Cabioğlu N., Özaydin A. N., Özçınar B., Akyurt N., Pembe Festival, Social Activities, İstanbul, Turkey, Ekim 2021  
Demirkazık F., Tunçbilek N., Taşkin F., Oktay Alfathi A. N., Aribal M. E., Balci P., Çelik L., İcten S. G., Örgüt İ. Ş., 7. ULUSAL MEME RADYOLOJİSİ SEMPOZYUMU, Scientific Congress, Ankara, Turkey, Mayıs 2021  
Molinas Mandel N., Oyan Uluç B., Aribal M. E., Çelik L., Esen İçten G., Beşe N., Uras C., Çelet Özden B., Yücel A., Meme Kanserinde Yeni Yaklaşımlar Eğitim Toplantısı, Scientific Congress, İstanbul, Turkey, Ocak 2021  
Aribal M. E., Özmen V., Özkan Gürdal S., Cabioğlu N., Özaydin A. N., Özçınar B., Pembe Festival, Social Activities, İstanbul, Turkey, Ekim 2020  
Uras C., Güllüoğlu M. B., Bese F. N., İcten S. G., Çelik L., Aribal M. E., Taşkin F., Başaran G., Oyan Uluç B., Sönmez Ö., et al., 4. International breast cancer conference (Breastanbul 2020), Scientific Congress, İstanbul, Turkey, Ekim 2020

Arıbal M. E., OYAN ULUÇ B., Meme Kanserinde Yeni Yaklaşımlar Eğitim Toplantısı, Scientific Congress, İstanbul, Turkey, Ocak 2020

Arıbal M. E., IBUS International Breast Ultrasound School, Scientific Congress, Athens, Greece, Haziran 2019

Arıbal M. E., Oyan Uluç B., Meme Kanserinde Yeni Yaklaşımlar Eğitim Toplantısı, Scientific Congress, İstanbul, Turkey, Ocak 2019

Uras C., Güllüoğlu M. B., Bese F. N., Oyan Uluç B., Korkmaz T., Arıbal M. E., İnce Ü., Tokat F., Yücel S., 4th International breast cancer conference (Breastanbul 2020), Scientific Congress, Turkey, Ekim 2018

## Metrics

Publication: 217

Citation (WoS): 821

Citation (Scopus): 890

H-Index (WoS): 15

H-Index (Scopus): 14

## Congress and Symposium Activities

17th National Breast Diseases Congress, Invited Speaker, Ankara, Turkey, 2023

17th National Breast Diseases Congress, Session Moderator, Ankara, Turkey, 2023

44th National Radiology Congress TURKRAD 2023, Invited Speaker, Antalya, Turkey, 2023

44th National Radiology Congress TURKRAD 2023, Session Moderator, Antalya, Turkey, 2023

IREBS (International RECONSTRUCTIVE BREAST CANCER SURGERY WORKSHOP) 2023, Panelists, İstanbul, Turkey, 2023

7th International Breast MayDay, Panelists, Kocaeli, Turkey, 2023

Meme Kanseri Atölye Çalışması, Panelists, İstanbul, Turkey, 2023

SIS Congress, Invited Speaker, Rodos, Greece, 2023

Tıbbi Onkoloji Kongresi, Panelists, Antalya, Turkey, 2023

Meme Kanseri 2023 Güncel Tedavi Yaklaşımları Sempozyumu, Panelists, İstanbul, Turkey, 2023

ECR European Congress of Radiology, Panelists, Vienna, Austria, 2023

15. Meme Kanserinde Yeni Yaklaşımlar Toplantısı, Session Moderator, İstanbul, Turkey, 2023

RSNA 2022, Attendee, Illinois, United States Of America, 2022

BREASTANBUL Breast Cancer Conference, Invited Speaker, İstanbul, Turkey, 2022

EUSOBI Annual Scientific Meeting 2022, Session Moderator, Malmö, Sweden, 2022

European Congress of Radiology, Session Moderator, Vienna, Austria, 2022

Türk Manyetik Rezonans Derneği Kongresi, Invited Speaker, Ankara, Turkey, 2022

9. Türk Tıbbi Onkoloji Kongresi, Panelists, Girne, Cyprus (Kktc), 2022

8. Türk Tıbbi Onkoloji Kongresi, Panelists, Antalya, Turkey, 2021

RSNA, Attendee, Illinois, United States Of America, 2021

42. Ulusal Radyoloji Kongresi, Invited Speaker, Antalya, Turkey, 2021

## Awards

Arıbal M. E., Güldoğan N., Yılmaz E., Tele Breast Ultrasound , Ihh Healthcare, September 2021

Arıbal M. E., Value of Automated Breast US (ABUS) in screening setting with tomosynthesis. Does it add a value in detecting different molecular type of breast cancers?, Ge Healthcare, November 2018