

In The Name Of God



Personal Data:

Name: Elham

Surname: Keshavarz

Birth Date & Place: 1980- Tehran, Iran

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Marriage Status: Married

Citizenship: Iranian

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Education:

High School Diploma: Farzanegan(Sampad) High School; Tehran, Iran: 1998

General Medical Education: Tehran University of Medical Sciences; Tehran, Iran: 1998-2006

Radiology Specialty: Radiology Residency; ShahidBeheshti University of Medical Sciences; Tehran, Iran: 2006-2010 .Program Chairman: M,Shahnazi

National (Iranian) Board of Radiology Certification: 2011

Faculty, Scientific and Academic Appointments:

1- Diagnostic Radiologist: Beheshti Hospital, Mazandaran University of Medical Sciences, Medical School; Noshahr,Mazandaran, Iran: 2011-2012

2- Associate Professor of Radiology: Mahdiye Hospital, ShahidBeheshti University of Medical Sciences, Medical School; Tehran, Iran: 2012-Present

Employment History:

1- Diagnostic Radiologist: Beheshti Hospital, Mazandaran University of Medical Sciences, Medical School; Noshahr,Mazandaran, Iran: 2011-2012

2- Associate Professor of Radiology: Mahdiye Hospital, ShahidBeheshti University of Medical Sciences, Medical School; Tehran, Iran: 2012-Present

Memberships:

1- Member, European Society of Radiology (ESR): 2013-Present

2- Member, Iranian Society of Radiology (ISR): 2012-Present

Journal Editorships:

1- Reviewer; Iranian Journal of Radiology (IJR): 2012-present

2- Reviewer; Tehran medical university Journal: 2017-present

Awards and Achievements:

1- High standing “6” position in Iranian Board of Radiology Exam, 2011

2- Distinguished “2” Rank position in Board Of Radiology , ShahidBeheshti University Of Medical Science,Tehran,Iran,2011

3- High Standing “2” position in the Pre-ExternshipExam ,Tehran University Of Medical Science,Tehran,Iran,2001

4- Best doctor in hospital according to the patients vote,Mahdiah Hospital,2013

CURRENT APPOINTMENT :

Assistant professor of Radiology, Department of Radiology, School of Medicine, ShahidBeheshti University of Medical sciences, Tehran, Iran.

RESEARCH ACTIVITIES AND PUBLICATIONS:

- 1-Soltani, K., Taghdiri, M., [Keshavarz, E.](#), & Mohammadi, S. (2025). A rare case of a breast hamartoma containing a lesion with malignant presentation on radiologic evaluation and benign presentation on pathologic findings: A case report. *Radiology Case Reports*, 20(1), 239-242.
- 2-Karimi, H., Mohammadi, S., Ghaffari Jolfayi, A., Lavafian, A., Khalili, E., Khalaj, F., ... & [Keshavarz, E.](#) (2024). The power of imaging techniques in CAR-T cell therapy enhancement: revolutionizing cancer treatment.
- 3-Elahi, Z., Soveyzi, M., Nafissi, S., Nilipour, Y., Goleyjani Moghadam, M., [Keshavarz, E.](#), ... & Fattahi, Z. (2023). Bi-allelic loss of function variant in the NRCAM gene is associated with motor-predominant axonal polyneuropathy; the second report. *Molecular Genetics & Genomic Medicine*, 11(4), e2131.
- 4-Karimi, H., Mohammadi, S., Valizadeh, P., Ebrahimi, S., Parhizkar Roudsari, P., Khojasteh-Kaffash, S., & [Keshavarz, E.](#) (2023). Imaging Correlates of Immune Checkpoint Inhibitors in Cancer Management. In *Handbook of Cancer and Immunology* (pp. 1-30). Cham: Springer Nature Switzerland.
- 5-Pouya, E. K., [Keshavarz, E.](#), Salemkar, S., Moradpour, M., Zeidabadi, H., & Tavakkol, E. (2022). The relationship between pulmonary artery Doppler and non-Doppler sonographic parameters in the fetal lung maturity according to gestational age. *Int J Women's Health Care*, 7 (2), 67, 72.
- 6-Pouya, E. K., [Keshavarz, E.](#), Moradpour, M., Tavakkol, E., Abolghasemzade, F., Mohammadi, S., ... & Khazaei, M. (2022). The Relationship of Fetal Adrenal Gland Size with Fetal Liver Length and Fetal Abdominal Wall Fat Thickness in Mothers with and Without Gestational Diabetes. *Int J Women's Health Care*, 7 (1), 60, 66, 2.
- 7-[Keshavarz, E.](#), Rustazade Sheikhyusefi, M., Khalili Pouya, E., Mirzamoradi, M., Khazaei, M., Moharamzad, Y., & Sanei Taheri, M. (2022). Association Between Fetal Thymus Size and Intrauterine Growth Restriction. *Journal of Diagnostic Medical Sonography*, 38(2), 120-126.
- 8-Bozorgan, T. J., [Keshavarz, E.](#), Zadeh, H. E., & Salehi, Z. (2022). Assessment of Ultrasonography Diagnostic Capacity in Women with StressUrinary Incontinencewith or without PelvicProlapse. *Journal of Pharmaceutical Negative Results*, 13.
- 9-[Keshavarz, E.](#), Sadeghian, A., Ganjalikhan Hakemi, A., & Talei Khtibi, F. (2022).

Prediction of pre-eclampsia development by placenta location: a simple predictor. *Journal of Obstetrics, Gynecology and Cancer Research*, 2(4), 1-5.

- 10- [Keshavarz, E.](#), Ahangaran, A., & Pouya, E. K. (2021). Correlation between lymph node indicators and obesity on mammography. *Research in Medicine*, 45(1), 41-46.
- 11- Mehrazmay, M., Pouya, E. K., & [Keshavarz, E.](#) (2021). The Relationship of Metabolic Syndrome and its Components with Breast Density. *Journal of Kerman University of Medical Sciences*, 28(6).
- 12- Naeiji, Z., Sotudeh, S., [Keshavarz, E.](#), Naghshvarian, N., & Rahmati, N. (2021). Risk factors and clinical significance of abdomino-pelvic free fluid after cesarean section: a prospective study. *The Journal of Maternal-Fetal & Neonatal Medicine*, 34(2), 287-292.
- 13- [Keshavarz, E.](#), Pouya, E. K., Rahimi, M., Bozorgan, T. J., Saleh, M., Tourzani, Z. M., ... & Bakhtiyari, M. (2021). Prediction of stress urinary incontinence using the retrovesical (β) angle in transperineal ultrasound. *Journal of Ultrasound in Medicine*, 40(8), 1485-1493.
- 14- Astani, S. A., Langroudi, T. F., Haghighatkhah, H., [Keshavarz, E.](#), Bahrami-Motlagh, H., Haseli, S., ... & Taheri, M. S. (2020). Radiology department and residency program response and adaption to COVID 19. *Academic Radiology*, 27(7), 1054-1055.
- 15- [Keshavarz, E.](#), Ahangaran, A., Pouya, E. K., Maheronnaghsh, R., Chavoshi, M., & Rouzrokh, P. (2020). Effects of obesity on axillary lymph node structure: association of hilar fat deposition and alterations in cortex width. *Maedica*, 15(1), 99.
- 16- Sedaghat, A., Gity, M., Radpour, A., Karimi, M. A., Haghighatkhah, H. R., [Keshavarz, E.](#), ... & Azhideh, A. (2020). COVID-19 protection guidelines in outpatient medical imaging centers. *Academic radiology*, 27(6), 904.
- 17- Kariminejad, A., Ghaderi-Sohi, S., [Keshavarz, E.](#), Hashemi, S. A., Parsimehr, E., Szenker-Ravi, E., ... & Hennekam, R. C. (2020). A GLI3 variant leading to polydactyly in heterozygotes and Pallister-Hall-like syndrome in a homozygote. *Clinical Genetics*, 97(6), 915-919.
- 18- Khalili, N., Haseli, S., Bahrami-Motlagh, H., [Keshavarz, E.](#), Khalili, N., Langroudi, T. F., ... & Taheri, M. S. (2020). Neurologic involvement in COVID-19: radiologists' perspective. *Academic radiology*, 27(7), 1051.

- 19- Hassan Hosseini, M., Jokar, A., [Keshavarz, E.](#), & Khademi, M. (2019). Identifying and Prioritizing Intellectual Capital Indicators with the aim of improving the company's performance. *Public Organizations Management*, 7(3), 77-90.
- 20- Kahkouee, S., Khabbaz, S. S., [Keshavarz, E.](#), Kiani, A., Hajinasrollah, G., & Anvar, A. G. (2019). Diagnostic triad of pulmonary anthracofibrosis in spiral CT scan—a retrospective study. *Polish Journal of Radiology*, 84, 234-239.
- 21- [Keshavarz, E.](#), Motevasselian, M., Amirnazeri, B., Bahramzadeh, S., Mohammadkhani, H., Mehrjardi, Z., ... & Bakhtiyari, M. (2019). Gestational age-specific reference values of placental thickness in normal pregnant women. *Women & Health*, 59(7), 718-729.
- 22- Kariminejad, A., Barzgar, M., Bozorgmehr, B., [Keshavarz, E.](#), Kariminejad, M. H., S'Aulis, D., & Rizzo, W. B. (2018). Novel mutations and a severe neurological phenotype in Sjögren-Larsson syndrome patients from Iran. *European journal of medical genetics*, 61(3), 139-144.
- 23- [ElhamKeshavarz](#), RezaShiralimohammadpour, ShimaRoknsharifi, MonaRoknsharifi. Clinical Features and Severity Of Psoriasis: A Comparison Of Facial And Non Facial Involvement In Iran. *Archives of Iranian Medicine*, Volume 16, Number 1, January 2013.
- 24- NedaAzarpey, Mojgan Kalantari, [ElhamKeshavarz](#) and AzadehJoolayee. Enhancement Curve of MRI with Contrast in Malignant Breast Lesions. *Biomedical and Pharmacology Journal* 9(3):1013-1018 · December 2016. DOI: <http://dx.doi.org/10.13005/bpj/1042>
- 25- KobraMohammadi, [ElhamKeshavarz](#), Zahra Dehghani and Roya Fallahian . Studying the Prevalence of Renal Pyelectasis in the Second Trimester Ultrasound Screening in Iranian Mother's Fetuses and their Follow up after Birth. *Biomedical and Pharmacology Journal* 10(1):481-486 · March 2017. DOI: <http://dx.doi.org/10.13005/bpj/1134>
- 26- Zahra Naeiji ,Maasoumeh Saleh and [ElhamKeshavarz](#) .Broad ligament pregnancy: A case report. *Research Journal Of Medical Science*. volume 9, issue

3,118-122. DOI: <http://dx.doi.org/10.3923/rjmsci.2015.118.122>

5. ZareMehrpour M, Poretti A, Huisman TA, Werner H, [Keshavarz E](#), Araujo Júnior E. Neuroimaging findings of congenital Zika virus infection: a pictorial essay. *Jpn J Radiol.* 2017 Mar;35(3):89-94. doi:10.1007/s11604-016-0609-4, PMID:28074379.

6. ZareMehrpour M, Poretti A, [Keshavarz E](#). Neuroimaging findings of Zika virus infection: emphasis of congenital versus acquired aspects. *Jpn J Radiol.* 2017 Jan;35(1):41-42. doi:10.1007/s11604-016-0599-2, PMID:27830429.

7. ZareMehrpardi M, Keshavarz E, Poretti A, Hazin AN. Neuroimaging findings of Zika virus infection: a review article. *Jpn J Radiol*. 2016 Dec;34(12):765-770. doi:10.1007/s11604-016- 0588-5, PMID:27714487.

8-Keshavarz E, ZareMehrpardi M, Karimi MA, Valian N, Kalantari M, Valian K. Diagnostic value of spectral Doppler ultrasound in detecting breast malignancies: an original article. *Iran J Cancer Prev (Int J Cancer Manag)*.

9- ZareMehrpardi M, Keshavarz E. Prefrontal Space Ratio (PFSR) – a novel ultrasound marker in the second trimester screening for Trisomy 21: systematic review and meta-analysis. *J Diag Med Sonogr*.

10- Roya Fallahian, Mojgan Kalantary, Elham Keshavarz, Kobra Mohammadi
- Assessing the Prevalence of EIF in Second Trimester Ultrasound Screening in the Fetuses of Mothers Resorting to Mahdijeh Medical Center of Tehran from 2014 To 2016 and their Follow Up. *Biomedical and Pharmacology Journal*.2017

11- Mohammad Zare Mehrpardi, Elham Keshavarz, Morteza Sanei Taheri. Normative Values of Intracranial Translucency (IT) Thickness as an Ultrasonographic Marker for Neural Tube Defect (NTD) Screening in the Iranian Singleton Pregnancies. *Iranian Journal of Radiology*, VOL 14.2017.

12- Ariana Kkariminejad, Martin Dahl-Halvarsson, Gianina Ravenscroft, Fariba Afroozan, Elham Keshavarz, Hayley Goullee, Mark R. Davis, Mehrshid Faraji Zonooz, Hossein Najmabadi, Nigel G Laing, Homa Tajsharghi. TOR1A variants cause a severe arthrogryposis with developmental delay, strabismus and tremor. *Brain* , VOL, 1(140), NO 11, P 2851-2859.2017.

13- Elham Keshavarz, Afarin Sadeghian, Ali Ganjalikhan Hakemi, Fatemeh Talei Khtibi. Prediction of Pre-Eclampsia Development by Placenta Location: A

Simple Predictor. Journal of Obstetrics, Gynecology and Cancer Research, VOL 2, NO 4.2017.

14- Ariana Kariminejad, Mohammadreza Barzgar, Bita Bozorgmehr, Elham Keshavarz, Mohamad Hasan Kariminejad, Dana S'Aulis, William B. Rizzo. Novel mutations and a severe neurological phenotype in Sjögren-Larsson syndrome patients from Iran. European Journal of Medical Genetics, VOL 61, NO 3, P 139-144.2018.

15- Elham Keshavarz, Elham Tavakkol, Amin Momeni Moghaddam, Mohammad Jalali, Leila Molaeipoor, Ali Kabir. Investigating the relationship between fetus heart rate in the first trimester screening with fetus sex. Journal of Contemporary Medical Sciences, VOL 4, NO 1, P17-21.2018 .

16- Elham Keshavarz, Zahra Dehghani, Kobra Mohammadi, Hamidreza Haghighatkhah, Farzaneh Shobeirian. Title: Comparison of Pathologic Findings of Lumbosacral MRI between Low Back Pain Patients and the Controls. Journal of Research in Medical and Dental Science, Volume 6, Issue 5, Page No: 213-216.2018.

Scientific papers/posters at national and international conferences:

1-Hamidreza

Haghighatkhah, Morteza Sanei Taheri, Elham Keshavarz, Mohammad Hadi Kharraz i. Multifidus Fat Infiltration and Abnormal Imaging Findings: MRI Review. Iranian Journal of Radiology, 2011, 8(Supp.1):1088. 27th Iranian Congress of Radiology (ICR), Tehran, Abstract book: 2011, 8(Supp.1):1088.

2- ElhamKeshavarz, Reza Shiralimohammadpour ,HamidrezaHaghighatkah, MortezaSaneiTaheri.Is it safe for my baby? Obstetric ultrasound scan: medical or entertainment purpose?. 28nd Iranian Congress of Radiology (ICR), Tehran, Abstract book:2012,9(Supp.1): 954.

3- ElhamKeshavarz. Down syndrome screening:History and new protocols.29nd Iranian Congress of Radiology (ICR), Tehran, Abstract book:2013,10(Supp.1): 65.

4- ElhamTavakkol,Mojgan Kalantari, ElhamKeshavarz:Mammographic signs of systemic disease. 30nd Iranian Congress of Radiology (ICR), Tehran, Abstract book:2014,11(Supp.1): 38.

5- ElhamKeshavarz,LeilaAhamadianMehrgoo,MojganKalantari:How to find an ichoechoic lesion with breasr US. 30nd Iranian Congress of Radiology (ICR), Tehran, Abstract book:2014,11(Supp.1): 36.

6- ElhamKeshavarz,MasoomehNorouzi, Mojgan Kalantari . Three dimensional transperineal ultrasonography of the pelvic floor.30nd Iranian Congress of Radiology (ICR), Tehran, Abstract book:2014,11(Supp.1): 55.

7- ElhamKeshavarz,MehdiAfrasiabi, Mojgan Kalantari . Doppler evaluation of uterine anomalies and masses in infertility.30nd Iranian Congress of Radiology (ICR), Tehran, Abstract book:2014,11(Supp.1): 81.

8- ElhamKeshavarz. Advanced ultrasonographic markers in first trimester.31nd Iranian Congress of Radiology (ICR), Tehran, Abstract book:2015,12(Supp.3): 1.

9. AhmadianMehrgoo L, Keshavarz E, ZareMehrjardi M. Compatibility of CR mammographic and histopathologic findings in patients suspected for breast

cancer. 32nd Iranian Congress of Radiology (ICR), Tehran, May 3–6, 2016. Abstract book:34-5.

10. MahvariHabibabadi M, Keshavarz E, ZareMehrijardi M. Follow-up of pregnant women with suspicious placenta accreta and comparison of ultrasonographic findings with surgical findings. 32nd Iranian Congress of Radiology (ICR), Tehran, May 3–6, 2016. Abstract book:35.

11. Bahrambeigi M, Kalantari M, Keshavarz E, Besharat S, ZareMehrijardi M, Aslani R. Enhancement pattern of malignant breast lesions in MRI with gadolinium contrast. 32nd Iranian Congress of Radiology (ICR), Tehran, May 3–6, 2016. Abstract book:44.

12. Mousavian F, Kalantari M, Keshavarz E, Besharat S, Aslani R, ZareMehrijardi M. Significance of MRI based axillary lymphnode metastasis detection in primary breast cancer. 32nd Iranian Congress of Radiology (ICR), Tehran, May 3–6, 2016. Abstract book:51-2. 5

13. ZareMehrijardi M, Keshavarz E, Ebrahimi A, Izadpanah E. Determination of complications associated with ultrasound-guided breast core needle biopsy (CNB). 32nd Iranian Congress of Radiology (ICR), Tehran, May 3–6, 2016. Abstract book:75.

14. ZareMehrijardi M, Keshavarz E, ZareMehrijardi G. Prefrontal space ratio (PFSR): a novel marker in second-trimester screening for trisomy 21. 32nd Iranian Congress of Radiology (ICR), Tehran, May 3–6, 2016. Abstract book:101-2.

15. ZareMehrijardi M, Keshavarz E, AhmadianMehrgoo L, Ghaffarie A. Uterine artery pulsatility index (UA PI): a valuable marker for prediction of severe early

pre-eclampsia in the firsttrimester screening. 32nd Iranian Congress of Radiology (ICR), Tehran, May 3–6, 2016. Abstract book:103.

16. ZareMehrijardi M, Keshavarz E, Sanei Taheri M. Normative values of intracranial translucency (IT) thickness as an ultrasonographic marker for neural tube defect (NTD) screening in the Iranian singleton pregnancies. 33rd Iranian Congress of Radiology (ICR), Tehran, May 9–12, 2017. Accepted: 2017 Feb 11.

Experiences:

1- Attended in 5th annual research seminar of Iranian medical science students in Mashhad(2004)

2-Executive committee in seminar of mental health in medical students in Tehran(2004)

3- Attended in seminar of mental health in medical students in Tehran(2004)

4- Attended the workshop entitled “searching” in Tehran university (2007)

5- Attended the workshop entitled “scientific writing” in Tehran university (2007)

6- Attended the workshop entitled “SPSS” in Tehran university (2007)

7- Attended in 26th Iranian congress of radiology in Tehran(2010)

8--Attended in 27th Iranian congress of radiology in Tehran(2011)

9- Attended in 28th Iranian congress of radiology in Tehran(2012)

10-Oral presentation in 27th Iranian congress of radiology in Tehran(2011)

11-Oral presentation in 28th Iranian congress of radiology in Tehran(2012)

12- Attended the workshop entitled “Fetal echocardiography” in Germany university (2017)

13- Attended the workshop entitled “Contrast enhanced sonography and elastography ” in China university (2018)

Accomplishments:

1-Winner of silver medal in international children painting competition in India,NewDehli (1994)

2-Winner in cultural and religious part in annual medical students articles competition in Tehran(2003)