

SHAGHAYEGH KAMIAN, MD

Associate professor of Radiation Oncology

Email:

shkamian@sbmu.ac.ir

ORCID: 0000-0002-0150-7562

Education

- **2006:** Graduated from Tehran University of Medical Sciences, Board certified (Radiation Oncology). Passed both Oral and Written part
- **Sep. 2003- Sep. 2006:** Residency program at Tehran University of Medical Sciences
- **Aug. 1999:** Graduated MD degree program at Shahid Beheshti University of Medical Sciences (SBMU)
- **Sep. 1992- Aug. 1999:** MD program including internship at Shahid Beheshti University of Medical Sciences (SBMU)
- **June 1992:** High school Diploma in Mathematical Sciences

Post graduate education

Master degree in medical education, Smart University of Medical Sciences, started 23 Sep. 2018 till now. 3 years (3 levels) is passed. Preparing Final Thesis Dissertation.

Level 1: 7 courses, 8 credits. GPA: 3.476

Level 2: 6 courses, 12 credits. GPA: 3.7

Level 3: 6 courses, 10 credits. GPA : 4

Honors and achievements

- Awarded first place in National Oral Board Examination of Radiation Oncology
- Awarded third place in National Board Examination of Radiation Oncology

Experiences

- Nov.2022 till now: Associate Professor of Radiation Oncology in SBMU, Imam Hossein Hospital
- 2012-2022: Assistant Professor of Radiation Oncology in SBMU, Imam Hossein Hospital
- 2007-2012: Practicing as Radiation Oncologist (Private practice)
- 1999- 2002: General Practitioner (Government Public service)

Doctorate Thesis

- **MD Degree final Doctorate Thesis (1999):**

Retrospective study in open surgery in brain stem tumor in SBMU, University hospital in 1989- 1999

- **Specialty Degree Thesis (2006):**

Benzydamine for prophylaxis of radiation induced oral mucositis in head and neck cancers: A double-blind placebo-controlled randomized clinical trial in TUMS, University hospital in 2003-2005

Published Papers

- **The Relevance of Common K-RAS Gene Mutations and K-RAS mRNA Expression with Clinicopathological Findings and Survival in Breast Cancer**

Shaghayegh Kamian, Hasan Ashoori, Farnaz Vahidian, Sima Davoudi

Asian Pacific Journal of Cancer Prevention, Vol. 24, Issue 3 (2023), Page 909-914

PMID: 36974544 DOI: 10.31557/APJCP.2023.24.3.909

Published March 2023

- **Effects of Henna-Violet Based Topical Preparation in Preventing and Reducing the Severity of Radiation-Induced Dermatitis in Breast Cancer Patients: A Randomized, Double-Blind Clinical Trial**

Shaghayegh Kamian, Ghazaleh Heydarirad, Mozhgan MehrAardestani, Mansour Lesan

Novelty in Biomedicine, Vol. 10 No. 4 (2022), Page 246-254

<https://doi.org/10.22037/nbm.v10i4.38649>

Published 2 December 2022

- **Comparing Dermolina-Henna Cream with Mometasone Cream in Improving Radiodermatitis Among Patients with Breast Cancer: A Randomized Active-Control Double-Blind Clinical Trial**

Mehdi Pasalar, Bahareh Ahadi, Hamid Reza Mirzaei, Judith Büntzelm, Mozhgan Mehri, **Shaghayegh Kamian**, Ghazaleh Heydarirad

Journal of Complementary and Integrative Medicine, 2022 Sep 13. doi: 10.1089/jicm.2022.0551.
PMID: 36103288 DOI: 10.1089/jicm.2022.0551

- **Estimating short-term and long-term survival in rectal cancer patients using cure model**

Behrouz Beiranvand, **Shaghayegh Kamian**, Robabeh Ghodssi-Ghassemabadi

Journal of Family Medicine and Primary Care. Volume 11: Issue 9: September 2022
DOI: 10.4103/jfmprc.jfmprc_510_22

- **Correlation of miR-31 and miR-373 expression with KRAS mutations and its impact on prognosis in colorectal cancer.**

Ashoori Hasan, **Kamian Shaghayegh**, Vahidian Farnaz, Ghamarchehreh Mohammad Ebrahim.

Journal of the Egyptian National Cancer Institute. 2022 Aug 22;34(1):35.
DOI: 10.1186/s43046-022-00136-1. PMID: 35989410.

- **Toxicity of Temozolamide in the treatment of Glioblastoma; A Case Report**
Shaghayegh Kamian, Maryam Aghajanizadeh

International Journal of Pharmaceutical Research. 2022; 14 (2), 34-38.

DOI: <https://doi.org/10.31838/ijpr/2022.14.02.006>

- **Fabrication and Characterization of a Three-Dimensional Fibrin Gel Model to Evaluate Anti-Proliferative Effects of Astragalus hamosus Plant Extract on Breast Cancer Cells**

Mozaffar Mahmoodi, Somayeh Ebrahimi-Barough, **Shaghayegh Kamian**, Mahmoud Azami, Mozhgan Mehri, Mohammad Abdi, Jafar Ai

Asian Pacific Journal of Cancer Prevention: APJCP. 2022; 23 (2), 731-741.
DOI:10.31557/APJCP.2022.23.2.731

- **A Review of Treatment Efficacy, Side Effects and Follow-up of Surgery and Radiosurgery in Patients with Acromegaly**

Shaghayegh Kamian, Reza Pirdehghan, Atousa Najmaldin

Journal of Complementary Medicine Research.2021; 12 (4), 184-193; DOI: 10.5455/jcmr.2021.12.04.28

- **Comparing the Efficacy of Dermolina-Henna Cream with Mometasone Cream in Improving Radiodermatitis Amongst Patients with Breast Cancer: A Randomized Active-control Double-blind Clinical Trial**

Mehdi Pasalar, Bahareh Ahadi, Hamid Reza Mirzaei, Judith Buentzel, Mojgan Mehri Ardestani,

Shaghayegh Kamian, Ghazaleh Heydarirad

DOI: <https://doi.org/10.21203/rs.3.rs-802346/v1>

Published online through Research Square; 2021

- **Triplet Aprepitant/ Dexamethason/ Ondansetron versus doublet Dexamethasone/ Ondansetron for prevention of moderately emetogenic chemotherapy: A Placebo- controlled, double-blind, randomized clinical trial of efficacy**

Morteza Tabatabaefar, Ali Yaghoubi Jouybari, Ahmad Rezazadeh Mafi, **Shaghayegh Kamian**, Mania Rajabzadeh Kheradmardi, Alireza. Khajavi

European Journal of Clinical Pharmacy, VOL 23 NUM 2 APR-JUN 2021; 89-97

- **Radiodermatitis in the field of traditional Persian medicine; A Narrative Review**

Ghazaleh Heydarirad, Bahareh Ahadi, Ali Tavakoli, Hamid Reza Mirzaei, Mojgan Mehri Ardestani, **Shaghayegh Kamian**, Mehdi Pasalar

Annals of the Romanian Society for Cell Biology; Vol. 25, Issue 3, April 2021, Pages. 8282 – 8287;

Available from: <https://www.annalsofrscb.ro/index.php/journal/article/view/2369>

- **Long non-coding RNA panel as a molecular biomarker in Glioma**

Ebrahimi AbdolAli, Ashoori Hasan, Vahidian Farnaz, Samiei Mosleh Iman, **Kamian Shaghayegh**.

Journal of the Egyptian National Cancer Institute. 2021 Oct 25; 33 (1):31. doi: 10.1186/s43046-021-00090-4. PMID: 34693506.

- **Critical Evaluation of Emergency Department Management in Oncology Patients with Chemotherapy-Induced Complications**

Kamian Shaghayegh, Tehrani Shabnam, Vafaei Ali, Kashani Parvin.
Annals of the Romanian Society for Cell Biology. 2021 Feb 1:4602-10.

- **Association between Vitamin B12 Serum Level and Staging of Colorectal Cancer in Semnan City**

Ghahremanfard Farahnaz, Ziaefar Elham, **Kamian Shaghayegh**, Hejrati Alireza, Najmaldin Atousa.
International Journal of Pharmaceutical Research. 2020; 12(4):3918-24.

- **Primary Intracranial Leiomyosarcoma Presenting with Frontal Bone Mass: A Case Report**

Kamian Shaghayegh, Ebrahimi AbdolAli, Ebrahim Zadeh Kaveh, Behzadi Behnaz.
Radiation Oncology Journal. 2020 Dec; 38(4):282-286. doi: 10.3857/roj.2020.00577. Epub 2020 Dec 2. PMID: 33389983; PMCID: PMC7785836.

- **Tissue Engineering Applications in Breast Cancer**

Mahmoodi Mozaffar, Ferdowsi Shirin, Ebrahimi-Barough Somayeh, **Kamian Shaghayegh**, Ai Jafar.

Journal of Medical Engineering and Technology. 2020 May; 44(4):162-168. doi: 10.1080/03091902.2020.1757771. Epub 2020 May 13. PMID: 32401543.

- **Clinicopathological Features and Survival of Colorectal Cancer Patients Younger than 50 years: A Retrospective Comparative Study**

Ghodssi-Ghassemabadi Robabeh, Hajizadeh Ebrahim, **Kamian Shaghayegh**, Mahmoudi Mahmood.

Journal of the Egyptian National Cancer Institute. 2019 Nov 29; 31(1):6. doi: 10.1186/s43046-019-0006-z. PMID: 32372124.

- **Use of Dietary Supplements in Cancer: A Single-Institution Study**

Kamian Shaghayegh, Mafi Ahmad Reza.
Reports of Radiotherapy and Oncology. 2018 Dec 31; 5(1).

- **Primary Neuroendocrine Tumor of Vulva: A Case Report**

Kamian Shaghayegh, Rafie Zadeh Mitra, Arab Maliheh, Shafiei Masoumeh.
Reviews in Clinical Medicine. 2018; 5(1):19-22.

- **Promoting Spiritual Health in Breast Cancer Patients Based on Integrated Behavioral Model**

Geravand Afsaneh, Rahimikhalifehkandi Zahra, Taghdisi Mohammad Hossein, Azam Kamal, **Kamian Shaghayegh**, Estebarsari Fatemeh.
Pharmacophore. 2017; 8(6S), e-1173028.

- **Effectiveness of Spiritual Health Education on Increasing Hope among Breast Cancer Patients**

Kamian Shaghayegh, Taghdisi Mohammad Hossein, Azam Kamal, Estebarsari Fatemeh, Ranjbaran Soheila, Geravand Afsaneh
Iranian Journal of Health Education and Health Promotion. Autumn 2014; 2(3):208-214.

- **Malignant Primary Mesothelioma of Pericardium: A Case Report**

Feizi Ali Mohammad, Rafie Zadeh Mitra, Tabatabaeefar Morteza, **Kamian Shaghayegh**.
Global Journal of Science, Engineering and Technology. 2013; Issue 14, pp. 70-5

- **Turning Interdisciplinary Brain Tumor Science into Survival; Report from the Neuro-Oncology Scientific Club Opening Session**

Peiman Haddad, Alireza Zali, Morteza Tabatabaeefar, Alireza Nikoofar, Homayoun Hadizadeh Kharazi, Mojtaba Ghadyani, Pedram Fadavi, Parvaneh Vossough, Mirahmad Mousavizadeh, Mahshid Mehdizadeh, Ali Motlagh, Farnaz Amoozegar Hashemi1, Ahmad Ameri, Ali Yaghobi Joibari, Behrooz Pazooki, Afshin Rakhsha, Farshid Arbabi, Azim Mehrvar, Mahdi Aghili, Mohammad Babaei, Hamidreza Dehghan Menshadi, **Shaghayegh Kamian**, Bahar Moeini, Bahram Andalib, Saeed Karimkhani, Farid Dadgar, Hassan Khajei, Haleh Behrouzi, Mahmood Abed Moghadam, Hossein Mottahedi, Maryam Tashvighi, Mohammad Faranoush, Mohammad Mahdi Mojahed, Ali Naderi, Shahram Naseri, Sherif Ibrahim, S.Abdolreza Hejazi Farahmand, Fatemeh Mohammadzadeh, Larisa Mukhomorova, Mohammad Torabi Nami
Report and Opinion. 2012; Vol. 4, Issue 2 P. 42-53

- **Larynx Preserving Treatments in the Early and Advanced Laryngeal Cancers; A Retrospective Analysis**

Shaghayegh Kamian, Mahdi Aghili, Ali Kazemian.

Journal of Cancer Science and Therapy. 2010; 2(1), pp. 8-10

- **Comparison of Three-Dimensional vs. Conventional Radiotherapy in Saving Optic Tract in Paranasal Sinus Tumors**

Kamian Shaghayegh, Kazemian Ali, Esfahani Mahbod, Mohammadi Ehsan, Aghili Mahdi.

J BUON. 2010 Apr-Jun; 15(2):281-4. PMID: 20658722.

- **Benzydamine for Prophylaxis of Radiation-Induced Oral Mucositis in Head and Neck Cancers: A Double-Blind Placebo-Controlled Randomized Clinical Trial**

Kazemian Ali, **Kamian Shaghayegh**, Aghili Mahdi, Amouzegar Hashemi Farnaz, Haddad Peiman. European Journal of Cancer Care (Engl). 2009 Mar; 18(2):174-8. doi: 10.1111/j.1365-2354.2008.00943.x. PMID: 19267733.

- **Five Years Results in Organ Saving Treatment for Laryngeal Cancers**

Kamian Shaghayegh, Kazemian A, Aghili M.

Journal of Clinical Oncology. 2008 May 20; 26(15_suppl):17037-17037

- **Leiomyosarcoma of the Tongue; Report of A Case**

Kazemian Ali, **Kamian Shaghayegh**, Hoseini MS, Azizi MR.

International Journal of Radiation Research. 2005; 3(3); 143-147.

International Presentation (Oral presentation)

- **The importance of patient education in cancer:**

In 5th Edition of cancer science and Oncology, May 9-10, 2022, Dubai, UAE

- **Frailty Multi-state model with time dependent covariate for prediction of Colorectal cancer progression:**
42nd Annual Conference of the International Society for Biostatistics, 18-22 July 2021, Lyon, France
- **The best approach for treatment of Acromegaly:**
In webinar on cancer science and Oncology, March 10-11, 2021
- **Clinicopathological features and survival in Colorectal cancer in Iran: Is the age a factor?**
Oral and poster presentation in 2nd World Congress on Cancer Science and Therapy, December 02-03, 2019 at Bangkok, Thailand
- **Impotency and Fertility in cancer:**
2nd ISERB award of excellence in reproduction, 19-21 May 2016, Tehran

International Presentation (Poster presentation)

- **Topical Henna cream in prevention of radiation-induced dermatitis in breast cancer: A randomized double-blind clinical trial:**
Presented in the category of Breast cancer, early stage during the ESMO Asia Virtual Congress. 20-22 Nov. 2020
- **Clinicopathological features and survival in Colorectal Cancer in Iran: Is the age a factor?**
Presented as poster presentation and was chosen as the best poster in 2nd World Congress on Cancer Science and Therapy, December 02-03, 2019 at Bangkok, Thailand
- **Five years results in organ saving treatment for Laryngeal cancers:**
In American Society of Clinical Oncology (ASCO), May 2008, USA and published in Journal of Clinical Oncology, Volume 26, Issue 15 Supplement
- **Benzydamine for prophylaxis of Radiation-Induced Oral Mucositis in Head and Neck cancers: A Double-blind Placebo-controlled Randomized clinical trial:**
In American Society of Clinical Oncology (ASCO), USA, May 2007
(Abstract was published in the journal of clinical oncology, ASCO Annual Meeting Proceedings, Part 1. Vol. 25, No. 18s (June 20 supplement))

(Abstract was published in the Journal of the European Society for therapeutic Radiology and Oncology (ESTRO), Volume 84/2 Supplement 2, Oct. 2007)

In Canadian Organization of Medical Physicists (CARO-COMP), 9-13 Oct. 2007, Toronto, Canada

Current Research (In process)

- Burnout syndrome among physicians working in SBMU, University Hospital during COVID 19 pandemic:
Accepted for publication but in process for next issue in Psychology journal
- Assessment of Absorbed Radiation Dose and Radiation-Induced Secondary Cancer Risks in organs at risk Following irradiation in Breast Cancer Patients Referred to SBMU, University Hospital:
Prepared article waiting for approval

Courses

- Blended learning and production of electronic content for medical students: A 3 months virtual course conducted by Shiraz University of Medical Sciences, Jan- March 2022
- Fellowship in student assessment in medical sciences, delivered by Virtual University of Medical Sciences (VUMS), one year, 6 courses, certified on 28 Aug. 2021
- English for medical academic purpose: virtual course delivered by specialist language courses LTD, certified on 9.10.2018

Membership

- American Society of Clinical Oncology (ASCO) 2007- 2008
- European Society for Radiotherapy and Oncology (ESTRO) 2008
- Iranian Association of Radiation Oncology
- Iranian Association of Cancer

Additional professional activities and volunteer experiences

- Participating in the civil project of health and disease (2000)