

Dorsa Ghasemi

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Summary

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- Board-certified pathologist with extensive experience in anatomical and clinical pathology, surgical pathology, cytopathology, and molecular diagnostics.
 - Skilled in diagnostic pathology, laboratory leadership, quality control, hemovigilance, and interdisciplinary clinical collaboration.
 - Published researcher in gynecopathology, oncology, dermatopathology, and infectious disease diagnostics.

Research Interests

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- Gynecopathology, Dermatopathology, Breast Pathology, Molecular Pathology, Microbiology

Education

United States Medical Licensing Examination (USMLE)

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| • Step 1: Passed | August 2024 |
| • Step 2: Passed (Score: 251) | August 2025 |

Tehran University of Medical Sciences 2017–2021
Residency in Anatomical and Clinical Pathology

Shahid Beheshti University of Medical Sciences 2010–2017
General Medicine

Experience

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| • Laboratory Medical Director; Dr. Tahririan Medical Laboratory, Iran | June 2022–now. |
| • Deputy Chief Physician of Hemovigilance; Farabi Hospital, Bastak, Iran | 2021–2024 |
| • Laboratory Medical Director; Farabi Hospital, Bastak, Iran | 2021–2024 |
| • Chief Resident; Tehran University of Medical Sciences, Iran | 2019–2020 |
| • Pathology Assistant; Kasra Hospital | 2019–2021 |
| • Pathology resident; Tehran University of Medical Sciences, Iran | 2017–2021 |
| • Medical Intern; Shahid Beheshti University of Medical Sciences, Iran | 2016–2017 |

Publications

- Foroogh Maghsoudloo Jafari, Fatemeh Nili, Aysan Nozheh, **Dorsa Ghasemi**, Fereshteh Ameli. "Diagnostic and prognostic value of P53 and ATRX expression in uterine smooth muscle neoplasms: a comparative study". (Manuscript in preparation)
- **Dorsa Ghasemi**, Milad Benam, Marjan Akhavan, Arman Musavi, Arash Sharghi, Soha Ghasemi. Primary Kidney Squamous Cell Carcinoma, Misdiagnosed As Xanthogranulomatous Pyelonephritis: A Case Report. (Manuscript in preparation)
- Evaluation of p53 Expression by Immunohistochemistry in Non-M3 Acute Myeloid Leukemia (AML), Correlation with Induction Therapy Response and 1-Year Clinical Outcomes: A Retrospective Cohort Study. (Manuscript in preparation)
- Fereshteh Ameli, Alireza Abdollahi, Samaneh Saralvand, **Dorsa Ghasemi**. "Outcome of Acute Myeloid Leukemia Treatment and IDH Mutations: A Systematic Review and Meta-Analysis Study". International Journal of Hematology-Oncology and Stem Cell Research. (Under review)
- Ameli F, **Ghasemi D**, Kosari F. Lymphoproliferative Disorders. In Handbook of Oral and Maxillofacial Surgery and Implantology 2025 Jul 17 (pp. 1–60). Cham: Springer Nature Switzerland.
- **Ghasemi Dorsa**, Ameli F, Nili F, Edjtemaei R, Sheikhhasani S. "Immunohistochemical expression of PD-L1 and its correlation with microsatellite status in endometrial and ovarian clear cell carcinomas: a cross-sectional study". BMC cancer. 2022 Dec 29;22(1):1362.
- Jahanbin, B., Sarmadi, S., **Ghasemi, D.**, Nili, F., Moradi, J. A., Ghasemi, S. (2023). Pathogenic role of Twist-1 protein in hydatidiform molar pregnancies and investigation of its potential diagnostic utility in complete moles. Diagnostic Pathology, 18(1), 1-8.
- **Dorsa Ghasemi**, Fatemeh Nili, "Post-pubertal ovarian yolk sac tumor with unusual follicular growth pattern, simulating struma ovarii", International Cancer Conference Journal, June 2022.
- Fereshteh Ameli, **Dorsa Ghasemi**, Vahid Soleimani and Amirmohsen Jalaeefar, Malignant Melanoma Presenting as a Parotid Mass in a Middle-aged Woman with Metastasis to the Breast, Int J Cancer Manag. 2021 December; In Press:e117533, December 2021.
- Mahmoud Reza Ashrafi, **Dorsa Ghasemi**, Moeinadin Safavi, Menkes Disease, Arch Iran Med, December 2021.
- Ramesh Omranipour, Negar Manshoori, Behnaz Jahanbin, **Dorsa Ghasemi**, "Solitary metastases of lower extremity myxoid liposarcoma to breast": A case report and review of literature, Clinical Case Reports published by John Wiley and Sons Ltd. March 2021.
- Alireza Abdollahi, Abbas shakoori, Hoda Khoshnevis, Mohammad Arabzadeh, Seyed Ali Dehghan Manshadi, Esmaeil Mohammadnejad, **Dorsa Ghasemi**, et all. "Comparison of Patient-collected and Lab Technician-collected Nasopharyngeal and Oropharyngeal Swabs for Detection of COVID-19 by RT-PCR", Iranian Journal of Pathology, July 2020.
- **Dorsa Ghasemi**, Fereshteh Ameli, Behnaz Jahanbin, "Invasive micropapillary carcinoma in a young male patient", 20th Annual Conference and 3rd International Conference on Pathology and Laboratory Medicine, April 2018.
- **Dorsa Ghasemi**, Fereshteh Ameli, Vahid Soleimani, "An initial presentation of chronic myelogenous leukemia as myeloid sarcoma in a young female patient", 20th Annual Conference and 3rd International Conference on Pathology and Laboratory Medicine, April 2018.

Contributed Presentations

- The 21st Annual Congress and the 4th International Congress of Pathology and Laboratory Medicine, September 2019
- The 20th Annual Conference and 3rd International Conference of Pathology and Laboratory Medicine, April 2018

Technical Skills

- **Surgical Pathology:**
 - Gross examination and sectioning of the surgical specimens
 - Perform microscopic examinations of biopsies and surgical specimens' histologic slides and review clinical data, operative notes, and radiologic reports to arrive at a diagnosis or differential diagnoses for each case
 - Write pathology reports for submitted tissues and received specimens
- **Clinical Pathology:**
 - Provide expertise and supervision in the areas of hematology, biochemistry, serology, coagulation, blood bank, and microbiology tests
 - Provide consultation to physicians whenever a test result interpretation is sought
 - Perform quality control in medical laboratories such as participating in external quality control programs
 - Perform communication skills such as verbal and written skills, and good interpersonal, organizational, teamwork, and negotiation skills
- **Cytopathology:**
 - Review cytology specimens and make accurate diagnoses such as gynecologic cytology (pap smears), thyroid and breast fine needle aspirations, and urine cytology
- **Computer:** Microsoft Office, SPSS

Achievements and Awards

- Acknowledged and formally appreciated for the contribution in writing the chapter "Lymphoproliferative Disorders" in the book "Handbook of Oral and Maxillofacial Surgery and Implantology" at the 27th Iran's Annual Congress of Pathology and Laboratory Medicine, 2025
- Winner of the best educational video of surgical sectioning at the 23rd Iran's Annual Congress of Pathology and Laboratory Medicine, 2022
- Ranked 1st Pathology Board examination (top 10 %), Oct 2021
- The best Pathology Resident of Imam Khomeini Hospital Complex, 2018 and 2019

Volunteer

- Pathology Specialized Board preparation classes for pathology residents of Tehran University of Medical Sciences, February 2022 and May 2022
- Volunteer doctor during the COVID pandemic in Imam Khomeini Hospital Complex (IKHC), Tehran

Article Reviews

- Review of an article for the Journal of BMC Women's Health, SPRINGER NATURE, October 2025
- Review of an article for the Journal of Molecular Histology, SPRINGER NATURE, August 2025

Languages

- Persian (native), English (fluent), French (intermediate), German (beginner)

Hobbies

- Sports: fitness, running, cycling, swimming, hiking, volleyball, pilates, yoga.
- Cooking, Reading, Traveling