

Alireza Aliakbar Golkar, MD

Family Medicine Resident | Toronto Metropolitan University

Professional Summary

Family medicine resident at Toronto Metropolitan University with prior independent practice as an emergency physician, rural family physician, and regional health facility leader. Experienced in assessing and stabilizing undifferentiated patients, coordinating care in resource-limited settings, and leading multidisciplinary teams. Brings Canadian clinical experience, resident leadership, medical education, and a sustained interest in emergency and rural medicine.

Education

Family Medicine Residency

Toronto Metropolitan University, Postgraduate Medical Education Program, Canada | July 2025 - Present

Doctor of Medicine

Tehran University of Medical Sciences, Tehran, Iran | September 2008 - September 2016

Clinical Medical Internship within the MD Program

Tehran University of Medical Sciences | October 2014 - July 2016

Emergency Medicine and Related Clinical Rotations

Core Emergency Medicine A | Brampton Civic Hospital | Mar 10-Apr 6, 2026 | Completed

Emergency Medicine Elective | Unity Health Toronto - St. Michael's Hospital | Block 1 | Jul 1-27, 2026 | Completed

Core Emergency Medicine B | Brampton Civic Hospital | Block 2 | Jul 28-Aug 24, 2026 | Completed

Emergency Medicine Elective | North York General Hospital - Emergency Medicine | Block 3 | Aug 25-Sep 21, 2026 | Current

Emergency Medicine Elective | Hamilton Health Sciences (HHS) | Block 4 | Sep 22-Oct 19, 2026 | Scheduled

Addiction Medicine | St. Paul's Hospital, Vancouver, British Columbia | Block 11 | Apr 6-May 3, 2027 | Scheduled

Medical Certifications and Emergency Courses

- Advanced Trauma Life Support (ATLS), American College of Surgeons | Issued August 14, 2026; expires August 14, 2030
- Advanced Cardiovascular Life Support (ACLS) and Basic Life Support (BLS) | 2025
- PALS Blended Provider | Registered; scheduled October 17, 2026
- CASTED: Emergency - The Hands-On ED Orthopaedics Course | Online course completed September 3, 2026; hands-on course scheduled November 7, 2026, Toronto, Ontario
- u.STAR | Registered; scheduled November 14, 2026

Acute and Critical Care Competencies

- ECG interpretation
- Initial assessment of undifferentiated acute presentations
- Acute stabilization and escalation of care
- Interprofessional crisis communication
- Point-of-care ultrasound (POCUS): focused competency in eFAST, supported by self-directed learning and ongoing courses
- Phlebotomy and intramuscular injections
- Emergency decision-making in resource-limited settings

Work Experience

Emergency Physician

Imam Zaman Hospital, Eslam Shahr, Iran | June 2018 - December 2019

- Assessed, stabilized, and arranged disposition for undifferentiated, high-acuity patients in a high-volume emergency department.
- Managed acute presentations including chest pain, trauma, altered level of consciousness, infectious illness, respiratory complaints, and abdominal pain.
- Coordinated care with nurses, consultants, and allied health professionals during emergency shifts.
- Made time-sensitive clinical decisions in a resource-conscious environment.

Family Medicine Resident Physician

Toronto Metropolitan University | July 2025 - Present

- Provide longitudinal and episodic care to diverse patient populations across outpatient and affiliated clinical settings.
- Assess acute, chronic, and undifferentiated presentations using evidence-based clinical reasoning.
- Coordinate investigations, referrals, follow-up, and interdisciplinary care within the Canadian healthcare system.
- Develop competencies in acute assessment, urgent decision-making, and escalation of care.
- Participate in academic teaching, competency-based assessment, and quality-improvement activities.

Clinical Data Validation Reviewer, Epic Implementation Project

William Osler Health System, Brampton, Ontario | April 2026

- Reviewed assigned patient charts across MEDITECH and Epic during the full-scale validation phase, assessing migrated laboratory and imaging results, clinical notes, vital signs, and encounter data.

Clinical Assistant

NYCC Clinic, North York, Ontario, Canada | February 2022 - July 2025

- Supported physicians with clinical workflow, documentation, EMR navigation, and clinic operations in Canadian outpatient practice.
- Developed practical knowledge of referral pathways, continuity-based care, and interprofessional collaboration.
- Worked with diverse patient populations, including newcomers and patients with complex medical and psychosocial needs.

Virtual Care Physician

Health with No Boundaries, Iran | 2022-2026

- Provided continuity-focused virtual care for geographically underserved populations.
- Conducted remote clinical assessment, follow-up, counselling, and care coordination.
- Supported access to culturally and linguistically aligned care.

Rural Remote and Underserved Clinical Leadership

Head of Regional Health Facility and Rural Family Physician

Qeshm Island, Iran | November 2016 - April 2018

- Provided comprehensive care to a rural and underserved population in a resource-limited setting.
- Led a multidisciplinary healthcare team of 21 professionals while maintaining direct patient care responsibilities.
- Managed urgent and emergent presentations with limited access to specialist resources.
- Directed operational planning, staffing coordination, resource stewardship, and service continuity.
- Led public health initiatives including national vaccination campaigns and HIV screening programs.
- Built partnerships with community leaders, educators, and stakeholders to improve healthcare access and public trust.

Leadership Systems Improvement and Resident Advocacy

PGME Learner Representative, Education Council

Toronto Metropolitan University School of Medicine | September 2026 - Present

- Selected as one of two PGME learner representatives for the 2026-2027 academic term.

Resident Representative, Residency Program Committee

Toronto Metropolitan University | September 2025 - Present

- Represent resident perspectives in program governance and decision-making.
- Selected for two consecutive academic years; synthesize trainee feedback and communicate priorities related to curriculum, resident wellbeing, and program improvement.

PARO Site Chair and General Council Representative

Professional Association of Residents of Ontario | Elected August 2026 - Present

- Elected to represent residents as Site Chair and General Council Representative.

Resident Focus Group Participant, FMED CPD Revision

Future of Medical Education in Canada | 2026

- Contributed resident perspectives to national CPD recommendations on workplace learning, artificial intelligence, patient-informed education, and transition to independent practice.

Selected Participant, PARO Leadership Program

Professional Association of Residents of Ontario | October 2025 - Present

- Participate in structured leadership development with physician leaders across Ontario, focused on governance, advocacy, conflict management, and professional leadership.

Resident Leadership and Peer Support Initiatives

Toronto Metropolitan University | September 2025 - Present

- Organized resident-led onboarding for incoming residents, including transition, registration, and system navigation support.
- Facilitate peer discussions and collaborative problem-solving to identify barriers and strengthen resident support structures.

Scholarly and Quality Improvement Project

Evaluating Cannabis Knowledge, Clinical Risk Recognition, and Counselling Confidence Among Medical Trainees Following an Educational Intervention

September 2025 - Present | Ongoing

Research and Publications

Peer Reviewed Publications

Khosravi S, Hesari M, Shahmohammadi A, Golkar AA, et al. Predictors of outcome after surgical decompression for mild degenerative cervical myelopathy: a systematic review. *Global Spine Journal*. 2022.

Pourrashidi V, Baigi V, Kargar S, Golkar AA, et al. Citations of papers about spinal cord injury in the literature. *Global Spine Journal*. 2023.

Graduate Research Thesis

Golkar AA. Investigating the role of RDW as a predictor of persistent pulmonary hypertension in term infants hospitalized in the NICU of Arash Hospital. Tehran University of Medical Sciences. 2016.

Medical Education Teaching and Selection Experience

Residency and Medical School Interviewer

CaRMS and Toronto Metropolitan University | 2026

- Selected to participate in structured candidate assessment for residency and medical school admissions.
- Contributed to competency-based applicant evaluation and selection processes.

Teaching and Mentorship

Tehran and Toronto | 2008 - Present

- Facilitated small-group and peer teaching during medical training at Tehran University of Medical Sciences.
- Provide peer mentorship and transition support within postgraduate medical education.

Biology Instructor

Soroosh Pre-University and High School, Tehran, Iran | 2008 - 2012

- Taught biology to pre-university and high school students.

Presentations

Speaker, Society of Rural Physicians of Canada Annual Conference

Edmonton, Alberta | 2024

- Leveraging Emerging Technologies for Sustainable Healthcare Delivery in Remote and Underserved Areas
- Improving Healthcare Access in Remote and Rural Areas

Professional Service and Community Engagement

Canadian Medical Association Ambassador

Toronto, Ontario | June 19-21 and June 26, 2026

- Served as a CMA Ambassador at the 2026 IMG Conference and Expo and TMU resident orientation.

Community Health Outreach Volunteer

Peel Region, Ontario

- Supported oral cancer awareness, patient education, community health promotion, and preventive care engagement.

Community Volunteer

Imam Ali NGO, Tehran, Iran | 2008-2014

- Supported food distribution, social assistance, education, and mentorship for underserved families and youth.

Additional Professional Development

- Clinical Public Health and Health Research, University of Toronto School of Continuing Studies | 2023
- First Aid for Opioid Poisoning Emergencies | 2023
- Becoming an Opioid Harm Reduction Champion | 2023
- Phlebotomy, IM Injections and EMR Cohort, Sheridan College | 2023
- Indigenous Canada, University of Alberta | 2023
- Essentials of Ethics in Research, Tehran University of Medical Sciences | 2016

Awards and Honours

- Excellence in supervision of the National Poliomyelitis Vaccination Program, Hormozgan Province | 2018
- Top-performing health unit supervisor for hypertension and diabetes indicators, Hormozgan Province | 2017
- Leadership in HIV screening and case detection, Suza Health Network | 2017
- Improvement of communicable and non-communicable disease indicators | 2017
- Clinical excellence and community service, Suza Health Network | 2017
- Participant, National Mathematics and Physics Olympiad, Iran | 2006

Licensure and Registration

- College of Physicians and Surgeons of Ontario (CPSO)

Professional Memberships

- CFPC | OCFP | SRPC | CMA | OMA | CMPA

Additional Skills

- Languages: English fluent; Persian/Farsi fluent; French basic
- EMR and clinical workflow: Canadian outpatient documentation and referral workflows

Personal Interests

- Hiking, group fitness, guitar, vocals, DJing, cooking, reading, and meditation