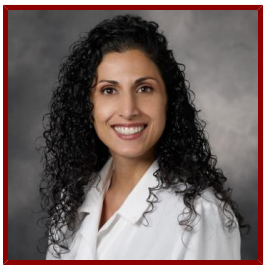
Stanford



Laleh Gharahbaghian, MD

Clinical Professor, Emergency Medicine

Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Stanford Emergency Department**

  500 Pasteur Dr

  Palo Alto, CA 94304

  Tel (650) 725-5065 **Fax** (650) 723-0121

Bio

BIO

Dr. Laleh Gharahbaghian was born in Iran, came to the United States at the young age of 3 years, and grew up in San Diego where she became an avid beachgoer and body surfer. In her teens, she volunteered at various community organizations, including the AIDS Foundation and San Diego's Youth and Community Services, due to her commitment in giving back to the community where not many would tread. Although she was an advocate for social determinants of health at UCSD, it was while working in 911 dispatch and with paramedics as an EMT before entering medical school where her interest in emergency medicine flourished. She was witness to the human impact of the gaps in complex insurance coverage, public health policies, and systems of care. She is determined to continue healthcare advocacy for all people, especially our vulnerable populations, and to be the voice for those who need one the most.

She is an academic emergency physician who completed her medical school, residency, and chief resident year at UC Irvine and Emergency Ultrasound fellowship at Stanford. She stayed to be Director of Emergency Ultrasound program, then served as Medical Director for Adult Emergency Medicine, and now as Process Improvement Director. Her interests include clinical operations, human factors engineering, quality improvement, resident education, point of care ultrasound in medical education and emergency care, and case-based learning for ultrasound interpretation and integration.

Her research involves the study of professionalism on patient/provider care, high quality care advocacy, various point-of-care ultrasound applications in the management of critical patients, in the screening of trauma patients, and medical education through simulation models.

She is a leader in the growing national point of care ultrasound educational mission, and leads several very successful educational innovations in emergency ultrasound, including her internationally-known blog, SonoSpot.com, and being the first to create an online case-based ultrasound-focused educational game in SonoDocGame.com. Due to her belief that adding ultrasound can enhance learning of the human body and disease while quickening diagnoses and life-saving interventions, she has gone from co-directing UltraFest, a free national medical student ultrasound symposium at Stanford, to traveling across the country and internationally to lecture on ultrasound integration into emergency practice at various developed and underdeveloped countries. She continues to instruct at several successful national CME ultrasound workshops, and was co-editor of the American College of Emergency Physicians (ACEP) Ultrasound newsletter. She now serves on the Board for their Clinical Ultrasound Accreditation Program.

Her most recent academic focus involves clinical operations and process improvement, case review workflows for optimal patient safety strategies and the impact of professionalism and communication on patient care. She is a Stanford HealthCare committee member for the Stanford Committee of Professionalism and Care Improvement Committee and the Co-Chair of the emergency medicine Case Review Committee. These educational efforts and her supervisory role in the emergency department have resulted in many faculty teaching awards, including the 2023 SHC Med Staff Award for Quality and Patient Safety Award.

She continues to work clinically in the emergency department to care for her patients, to be an advocate for social health, ensuring the highest quality of care, and provides system improvements such that all patients and their family members feel assured that they are in good hands.

CLINICAL FOCUS

- Emergency Medicine
- Bedside Ultrasound
- Quality Care
- Patient Safety
- Clinical Operations

ACADEMIC APPOINTMENTS

- Clinical Professor, Emergency Medicine

ADMINISTRATIVE APPOINTMENTS

- Process Improvement Director, Department of Emergency Medicine, (2022- present)
- Member, SHC Committee of Professionalism, (2019- present)
- Physician Improvement Leader, SHC, Emergency Medicine, (2017- present)
- Medical Director, Department of Emergency Medicine, (2017-2022)
- Co-Chair, Professional Practice Evaluation Committee, Emergency Medicine, (2016- present)
- Member, SHC, Care Improvement Committee, (2016- present)
- Patient Safety Champion, Stanford HealthCare, Emergency Department, (2016- present)
- Trauma Liaison, Department of Emergency Medicine, (2016- present)
- Assistant Medical Director, Emergency Imaging, Department of Emergency Medicine, (2016-2017)
- Radiology Liaison, Department of Emergency Medicine, (2014- present)
- Director, Emergency Ultrasound Fellowship, (2013-2017)
- Director, Stanford Emergency Ultrasound, (2011-2017)
- Co-Director, Emergency Ultrasound Fellowship, (2008-2013)
- Associate Director, Stanford Emergency Ultrasound, (2008-2011)

HONORS AND AWARDS

- SHC Med Staff Award for Quality and Patient Safety, SHC (2023)
- Outstanding Medical Director Award (national), Academy for Women in Academic Emergency Medicine, Society of Academic Emergency Medicine (2019)
- SV Mahadevan Leadership Award, Stanford Emergency Medicine (2018)
- Teaching Excellence Award (national), Society of Academic Emergency Medicine, Academy of Emergency Ultrasound (2017)

- Annual Faculty Clinical Teaching - Honorable Mention, Stanford Emergency Medicine (2016)
- Certificate of Achievement, ACEP American Association of Women in Emergency Medicine (2016)
- Annual Faculty Clinical Teaching- Honorable Mention, Stanford Emergency Medicine (2015)
- Top Section Editor of the Year, Western Journal of Emergency Medicine (2014)
- Alumni of the Year, University of California, Irvine, Department of Emergency Medicine (2012)
- Quarterly Faculty Clinical Teaching Award, Stanford Emergency Medicine (2012)
- Annual Faculty Clinical Teaching Award, Stanford Emergency Medicine (2011)
- Quarterly Faculty Clinical Teaching Award, Stanford Emergency Medicine (2007)
- Resident of the Year, University of California, Irvine, Department of Emergency Medicine (2007)
- Cal-ACEP Scientific Assembly Best Research Project, CalACEP (2006)
- Long Beach Memorial Medical Center Applause Award for Outstanding Service, Long Beach Memorial Medical Center (2005)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Board Member, ACEP Clinical Ultrasound Accreditation Program (2022 - present)
- Member, SHC Committee of Professionalism (2019 - present)
- Member, Care Improvement Committee, SHC (2017 - present)
- Co-Chair, Professional Practice Evaluation committee, Emergency Medicine (2016 - present)
- Patient Safety Champion, Emergency Medicine/Stanford HealthCare (2016 - present)
- Mentor, Academic Life in Emergency Medicine, Fellowship Incubator (2016 - 2019)
- Mentor, AAEM/RSA blog (2016 - 2018)
- Interim Director, Professional Practice Evaluation Committee, Emergency Medicine (2016 - 2016)
- Voting Member/Reviewer, ACEP Clinical Ultrasound Accreditation Program (2015 - present)
- Mentor, Academic Life in Emergency Medicine, Chief Resident Incubator (2015 - 2019)
- Co-Chair, ACEP Ultrasound Section Newsletter (2014 - 2017)
- Voting Member, Professional Performance and Evaluation Committee, Emergency Medicine (2012 - present)
- Clinical Liaison, Radiology, Department of Emergency Medicine (2012 - 2023)
- Section Author, ACEP Ultrasound Section Newsletter, Tips & Tricks (2012 - 2019)
- Member, Education Committee- Ultrasound, Cal ACEP (2009 - 2013)
- Section Editor/Reviewer, Western Journal of Emergency Medicine, Emergency Ultrasound (2008 - 2021)
- Resident Respresentative, CalAAEM/WestJEM (2006 - 2007)
- Steering Committee Member, Emergency Medicine Residents' Association (2005 - 2006)
- Resident Representative, Emergency Medicine Residents' Association (2004 - 2006)

PROFESSIONAL EDUCATION

- Medical Education: University of California at Irvine School of Medicine (2004) CA
- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2008)
- Fellowship, Stanford University , Emergency Ultrasound Fellowship (2008)
- Residency: UCI Medical Center Dept of Emergency Medicine (2007) CA

COMMUNITY AND INTERNATIONAL WORK

- Professor, all countries

- Lecturer, Nepal
- EMRI, Hydrabad, India
- Volunteer Physician, Roatan, Honduras
- Ultrasound Education, Guatemala, Iran, India, Mexico

LINKS

- Department of Emergency Medicine: http://emed.stanford.edu/
- EM Ultrasound Program: http://emed.stanford.edu/specialized-programs/ultrasound.html
- SonoSpot: Topics in Bedside Ultrasound: http://sonospot.com/
- SonoSpot on Twitter: https://twitter.com/SonoSpot
- SonoDocGame: http://sonodocgame.com/

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Emergency Ultrasound,

Resident Education,

Interesting Cases,

Visual Diagnosis

PROJECTS

- SonoDoc - online
- SonoSpot
- Stanford UltraFest

Publications

PUBLICATIONS

- **Ambient AI Scribes and Emergency Department Documentation Burden: Retrospective Cohort Study.** *JMIR AI*
  Preiksaitis, C., Alvarez, A., Winkel, M., Karamatsu, M., Brown, I., Sama, N., Morris, L., Lee, J. Y., Gubbels, A., Wahl, E., Frye, A., Schoeffler, A., Gharahbaghian, et al
  2026; 5: e92193
- **Temporal Trends in Mortality from Gunshot Wounds for Emergency Medical Services Compared to Private Vehicle Transport.** *The western journal of emergency medicine*
  Muller, G., Miller, K., Matheson, L., Wang, X., Gharahbaghian, L., D'Souza, P., Gautreau, M., Yiadom, M. Y.
  2026; 27 (4): 938-946
- **Precision emergency medicine.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*
  Strehlow, M., Alvarez, A., Blomkalns, A. L., Caretta-Wyer, H., Gharahbaghian, L., Imler, D., Khan, A., Lee, M., Lobo, V., Newberry, J. A., Riberia, R., Sebok-Syer, S., Shen, et al
  2024
- **Effectiveness, safety, and efficiency of a drive-through care model as a response to the COVID-19 testing demand in the United States.** *Journal of the American College of Emergency Physicians open*
  Ravi, S., Graber-Naidich, A., Sebok-Syer, S. S., Brown, I., Callagy, P., Stuart, K., Ribeira, R., Gharahbaghian, L., Shen, S., Sundaram, V., Yiadom, M. Y.
  2022; 3 (6): e12867
- **Kotter's 8 stages of change: implementation of clinical screening protocols for assessing patients for COVID-19 - a review of an academic medical centre's preparedness.** *BMJ leader*

Ravi, S., Patel, S. R., Laurence, S. K., Sebok-Syer, S. S., Gharahbaghian, L.
2022; 6 (4): 319-322

- **Kotter's 8 stages of change: implementation of clinical screening protocols for assessing patients for COVID-19-a review of an academic medical centre's preparedness** *BMJ LEADER*
  Ravi, S., Patel, S. R., Laurence, S. K., Sebok-Syer, S. S., Gharahbaghian, L.
  2022
- **Protecting the emergency physician workforce during the coronavirus disease 2019 pandemic through precision scheduling at an academic tertiary care trauma center.** *Journal of the American College of Emergency Physicians open*
  Lee, M. O., Ribeira, R., Fang, A., Cantwell, L., Khanna, K., Smith, C., Gharahbaghian, L.
  2021; 2 (1): e12221
- **The Utility of Color Doppler to Confirm Endotracheal Tube Placement: A Pilot Study.** *The western journal of emergency medicine*
  Gildea, T. H., Anderson, K. L., Niknam, K. R., Gharahbaghian, L., Williams, S. R., Angelotti, T., Auerbach, P. S., Lobo, V.
  2020; 21 (4): 871–76
- **Patient Age, Race and Emergency Department Treatment Area Associated with "Topbox" Press Ganey Scores.** *The western journal of emergency medicine*
  Lee, M. O., Altamirano, J. n., Garcia, L. C., Gisondi, M. A., Wang, N. E., Lippert, S. n., Maldonado, Y. n., Gharahbaghian, L. n., Ribeira, R. n., Fassiotto, M. n.
  2020; 21 (6): 117–24
- **Cardiac Standstill With Intracardiac Clot Formation.** *Clinical practice and cases in emergency medicine*
  Sakamoto, J. T., Storch, I., Gharahbaghian, L.
  2019; 3 (4): 430–31
- **Detection of Type B Aortic Dissection in the Emergency Department with Point-of-Care Ultrasound.** *Clinical practice and cases in emergency medicine*
  Earl-Royal, E., Nguyen, P. D., Alvarez, A., Gharahbaghian, L.
  2019; 3 (3): 202–7
- **Point-of-care Ultrasonography for Detecting the Etiology of Unexplained Acute Respiratory and Chest Complaints in the Emergency Department: A Prospective Analysis.** *Cureus*
  Lamsam, L., Gharahbaghian, L., Lobo, V.
  2018; 10 (8): e3218
- **The Social Media Index as an Indicator of Quality for Emergency Medicine Blogs: A METRIQ Study.** *Annals of emergency medicine*
  Thoma, B., Chan, T. M., Kapur, P., Sifford, D., Siemens, M., Paddock, M., Ankel, F., Grock, A., Lin, M.
  2018
- **TRAINING NURSES TO ASSESS FLUID STATUS USING POINT-OF-CARE ULTRASOUND**
  Crager, S., Cinkowski, C., Gharahbaghian, L.
  LIPPINCOTT WILLIAMS & WILKINS.2018: 179
- **Point-of-Care Ultrasound in Austere Environments A Complete Review of Its Utilization, Pitfalls, and Technique for Common Applications in Austere Settings** *EMERGENCY MEDICINE CLINICS OF NORTH AMERICA*
  Gharahbaghian, L., Anderson, K. L., Lobo, V., Huang, R., Poffenberger, C. M., Nguyen, D.
  2017; 35 (2): 409-?
- **Caudal Edge of the Liver in the Right Upper Quadrant (RUQ) View Is the Most Sensitive Area for Free Fluid on the FAST Exam.** *The western journal of emergency medicine*
  Lobo, V., Hunter-Behrend, M., Cullnan, E., Higbee, R., Phillips, C., Williams, S., Perera, P., Gharahbaghian, L.
  2017; 18 (2): 270-280
- **Ultrasound Detection of Patellar Fracture and Evaluation of the Knee Extensor Mechanism in the Emergency Department.** *The western journal of emergency medicine*
  Carter, K., Nesper, A., Gharahbaghian, L., Perera, P.
  2016; 17 (6): 814-816
- **Integration of Ultrasound in Undergraduate Medical Education at the California Medical Schools: A Discussion of Common Challenges and Strategies From the UMeCali Experience.** *Journal of ultrasound in medicine*

Chiem, A. T., Soucy, Z., Dinh, V. A., Chilstrom, M., Gharahbaghian, L., Shah, V., Medak, A., Nagdev, A., Jang, T., Stark, E., Hussain, A., Lobo, V., Pera, et al
2016; 35 (2): 221-233

- **Thymic Tumor Extension into the Heart, a Rare Finding Found by Point-of-Care Ultrasound.** *Cure¯us*
  Kaufman, E., Hunter-Behrend, M., Leroux, E., Gharahbaghian, L., Lobo, V.
  2016; 8 (8)
- **Splenic Rupture Diagnosed with Bedside Ultrasound in a Patient with Shock in the Emergency Department Following Colonoscopy.** *The western journal of emergency medicine*
  Mulkerin, W., Mitarai, T., Gharahbaghian, L., Perera, P.
  2015; 16 (5): 758-759
- **Prehospital Evaluation of Effusion, Pneumothorax, and Standstill (PEEPS): Point-of-care Ultrasound in Emergency Medical Services.** *The western journal of emergency medicine*
  Bhat, S. R., Johnson, D. A., Pierog, J. E., Zaia, B. E., Williams, S. R., Gharahbaghian, L.
  2015; 16 (4): 503-509
- **Spontaneous pneumomediastinum on bedside ultrasound: case report and review of the literature.** *The western journal of emergency medicine*
  Zachariah, S., Gharahbaghian, L., Perera, P., Joshi, N.
  2015; 16 (2): 321-324
- **Diagnosis of pneumoperitoneum with bedside ultrasound.** *The western journal of emergency medicine*
  Chao, A., Gharahbaghian, L., Perera, P.
  2015; 16 (2): 302-?
- **Clinical Correlation Needed: What Do Emergency Physicians Do After an Equivocal Ultrasound for Pediatric Acute Appendicitis?** *JOURNAL OF CLINICAL ULTRASOUND*
  Ramarajan, N., Krishnamoorthi, R., Gharahbaghian, L., Pirrotta, E., Barth, R. A., Wang, N. E.
  2014; 42 (7): 385-394
- **Cardiac Echocardiography** *CRITICAL CARE CLINICS*
  Perera, P., Lobo, V., Williams, S. R., Gharahbaghian, L.
  2014; 30 (1): 47-?
- **Resuscitation Ultrasound and Rapid Ultrasound in Shock in the Critically Ill Patient (The RUSH Exam).** *Decision Making in Emergency Critical Care: An Evidence-Based Handbook*
  Perera, P., Gharahbaghian, L., Mailhot, T., Williams, S. R., Mandavia, D.
  Arbo J, Ruoss J, Lightall G and Jones M (Editors) Wolters-Kluwer Publications.2014: 62–93
- **Ultrasound for Detection of Ascites and for Guidance of the Paracentesis Procedure: Technique and Review of the Literature** *International Journal of Clinical Medicine*
  Ennis, J., Schultz, G., Perera, P., Williams, S. R., Gharahbaghian, L., Mandavia, D.
  2014; 5: 1277-1293
- **Ultrasound for the Evaluation of Acute Cardiac Conditions and in the Resuscitation of the Critically Ill Patient** *Cardiac Emergencies-American College of Emergency Physicians*
  Perera, P., Williams, S. R., Gharahbaghian, L.
  Bresler M, Mattu A (Editors). Dallas, Tx: American College of Emergency Physicians.2014: 53–89
- **Interstitial Neuritis Masquerading as Acute Appendicitis: A Case Report** *Emergency Medicine-Open Access*
  Lindquist, B., Gharahbaghian, L.
  2014; 4 (4)
- **Thoracic Ultrasonography** *CRITICAL CARE CLINICS*
  Lobo, V., Weingrow, D., Perera, P., Williams, S. R., Gharahbaghian, L.
  2014; 30 (1): 93-?
- **The FAST and E-FAST in 2013: Trauma Ultrasonography Overview, Practical Techniques, Controversies, and New Frontiers** *CRITICAL CARE CLINICS*

Williams, S. R., Perera, P., Gharahbaghian, L.
2014; 30 (1): 119-?

- **FOCUSED CARDIAC ULTRASOUND TRAINING: HOW MUCH IS ENOUGH?** *JOURNAL OF EMERGENCY MEDICINE*
  Chisholm, C. B., Dodge, W. R., Balise, R. R., Williams, S. R., Gharahbaghian, L., Beraud, A.
  2013; 44 (4): 818-822
- **Ultrasound Guided Peripheral Nerve Blocks** *Introduction to Bedside Ultrasound*
  Lobo, V., Gharahbaghian, L.
  Dawson M., Mallin M (Editors) Emergency Ultrasund Solutions.2013
- **USE OF CADAVER MODELS IN POINT-OF-CARE EMERGENCY ULTRASOUND EDUCATION FOR DIAGNOSTIC APPLICATIONS** *JOURNAL OF EMERGENCY MEDICINE*
  Zaia, B. E., Briese, B., Williams, S. R., Gharahbaghian, L.
  2012; 43 (4): 683-691
- **Midaxillary Option for Measuring IVC: Prospective Comparison of the Right Midaxillary and Subxiphold IVC Measurements**
  Howard, Z. D., Gharahbaghian, L., Steele, B. J., Foy, S., Williams, S. R.
  MOSBY-ELSEVIER.2012: S78–S79
- **Sonographic Identification of Tube Thoracostomy Study (SITTS): Confirmation of Intrathoracic Placement.** *The western journal of emergency medicine*
  Jenkins, J. A., Gharahbaghian, L., Doniger, S. J., Bradley, S., Crandall, S., Spain, D. A., Williams, S. R.
  2012; 13 (4): 305-311
- **Anorexia Nervosa A Case Report of a Teenager Presenting With Bradycardia, General Fatigue, and Weakness** *PEDIATRIC EMERGENCY CARE*
  Grover, C. A., Robin, J. K., Gharahbaghian, L.
  2012; 28 (2): 174-177
- **Where is the fetal heartbeat? Pearls and Pitfalls for Bedside Ultrasound in Early Pregnancy** *Avoiding Common Errors in the Emergency Department*
  Lin, B., Gharahbaghian, L.
  Lippincott Williams & Wilkins.2012; 1: 852–854
- **: If Only Joint Disease was Crystal Clear - Crystal Arthropathies do not Preclude a Septic Joint** *Avoiding Common Errors in the Emergency Department*
  Raghunathan, A., Gharahbaghian, L.
  Lippincott Williams & Wilkins.2012; 1: 409–411
- **Cholecystitis: Don't rely on your physical exam, but rely on your ultrasound** *Avoiding Common Errors in the Emergency Department*
  Bass, A., Gharahbaghian, L.
  Lippincott Williams & Wilkins.2012; 1: 839–841
- **Emergency Echocardiography and IVC Evaluation (Appendix)** *An Introduction to Clinical Emergency Medicine: Guide for Practitioners in the Emergency Department*
  Williams, S. R., Gharahbaghian, L.
  Mahadevan & Garmel (eds), Cambridge University Press.2012; 2
- **. It's Not the Machine's Fault! Using Basic System Controls to Improve your Ultrasound Images** *Avoiding Common Errors in the Emergency Department*
  Robin, J. K., Gharahbaghian, L.
  Lippincott Williams & Wilkins.2012; 1: 861–863
- **Know the Causes of Back Pain that Kill Patients** *Avoiding Common Errors in the Emergency Department*
  Kassel, M., Gharahbaghian, L.
  Lippincott Williams & Wilkins.2012; 1: 412–414
- **Chest Ultrasound for Pneumothorax (Appendix)** *An Introduction to Clinical Emergency Medicine: Guide for Practitioners in the Emergency Department*
  Williams, S. R., Gharahbaghian, L.

Mahadevan & Garmel (eds); Cambridge University Press.2012; 2

- **Ultrasound Evaluation for Abdominal Aortic Aneurysm (Appendix)** *An Introduction to Clinical Emergency Medicine: Guide for Practitioners in the Emergency Department*
  Williams, S. R., Gharahbaghian, L.
  Mahadevan & Garmel (eds), Cambridge University Press.2012; 2

- **Just the Facts: Emergency Ultrasound Applications (Appendix)** *An Introduction to Clinical Emergency Medicine*
  Williams, S. R., Gharahbaghian, L.
  Mahadevan SV, Garmel GM (eds): Cambridge University Press.2012; 2

- **Is It a Pericardial Effusion or is it not? Pitfalls in the Use of Limited Bedside Echocardiography** *Avoiding Common Errors in the Emergency Department*
  Rossi, J., Crandall, S., Gharahbaghian, L.
  Lippincott Williams & Wilkins.2012; 1: 841–843

- **Do Not Assume that Synovial Fluid Analysis in 100% Accurate the Diagnosis of Septic Arthritis** *Avoiding Common Errors in the Emergency Department*
  Baine, J., Gharahbaghian, L.
  Lippincott Williams & Wilkins.2012; 1: 407–408

- **Unilateral facial swelling with fever. Parotitis.** *Annals of emergency medicine*
  Grover, C. A., Gharahbaghian, L.
  2011; 58 (6): e5-6

- **Test characteristics of focused assessment of sonography for trauma for clinically significant abdominal free fluid in pediatric blunt abdominal trauma.** *Academic emergency medicine*
  Fox, J. C., Boysen, M., Gharahbaghian, L., Cusick, S., Ahmed, S. S., Anderson, C. L., Lekawa, M., Langdorf, M. I.
  2011; 18 (5): 477-482

- **Test Characteristics of Focused Assessment of Sonography for Trauma for Clinically Significant Abdominal Free Fluid in Pediatric Blunt Abdominal Trauma** *ACADEMIC EMERGENCY MEDICINE*
  Fox, J. C., Boysen, M., Gharahbaghian, L., Cusick, S., Ahmed, S. S., Anderson, C. L., Lekawa, M., Langdorf, M. I.
  2011; 18 (5): 476-481

- **THE EFFECT OF EMERGENCY DEPARTMENT OBSERVATIONAL EXPERIENCE ON MEDICAL STUDENT INTEREST IN EMERGENCY MEDICINE** *JOURNAL OF EMERGENCY MEDICINE*
  Gharahbaghian, L., Hindiyeh, R., Langdorf, M. I., Vaca, F., Anderson, C. L., Kahn, J. A., Wiechmann, W., Lotfipour, S.
  2011; 40 (4): 458-461

- **Patellar tendonitis.** *The western journal of emergency medicine*
  Zaia, B., Gharahbaghian, L.
  2011; 12 (1): 139-140

- **Cardiac tamponade after minimally invasive coronary artery bypass graft.** *The western journal of emergency medicine*
  Liang, E. C., Rossi, J., Gharahbaghian, L.
  2011; 12 (1): 116-117

- **Out-Of-Hospital Evaluation of Effusion, Pneumothorax, and Standstill: EMS and Point-Of-Care Ultrasonography** *Conference on American-College-of-Emergency-Physicians-Research-Forum*
  PIEROG, J. E., Zaia, B. E., Bhat, S. R., Johnson, D. A., Gharahbaghian, L., Gilbert, G. H., Williams, S. R.
  MOSBY-ELSEVIER.2010: S115–S115

- **Use of Cadaver Models In Point-Of-Care Emergency Ultrasonography Education for Diagnostic and Procedural Applications** *Conference on American-College-of-Emergency-Physicians-Research-Forum*
  Zaia, B. E., BRIESE, B., Gharahbaghian, L., Williams, S. R.
  MOSBY-ELSEVIER.2010: S98–S98

- **Methemoglobinemia and sulfhemoglobinemia in two pediatric patients after ingestion of hydroxylamine sulfate.** *The western journal of emergency medicine*
  Gharahbaghian, L., Massoudian, B., DiMassa, G.

2009; 10 (3): 197-201

- **Clitoral priapism with no known risk factors.** *The western journal of emergency medicine*
  Gharahbaghian, L.
  2008; 9 (4): 235-237
- **Welcome to the Resident/Student/Fellow Section of WestJEM!** *The western journal of emergency medicine*
  Gharahbaghian, L.
  2008; 9 (1): 46-?
- **Biliary Ultrasound** *CLINICAL EMERGENCY RADIOLOGY*
  Scruggs, W., Gharahbaghian, L.
  edited by Fox, J. C.
  2008: 218–35
- **Biliary Ultrasound** *Clinical Emergency Radiology*
  Scruggs, W., Gharahbaghian, L., Fox, J. C.
  Cambridge University Press.2008; 1
- **Welcome to the Resident/Fellow/Student Section.** *Western Journal of Emergency Medicine*
  Gharahbaghian, L.
  2008; 9 (4)
- **. Central Diabetes Insipidus Misdiagnosed as Acute Gastroenteritis in a Pediatric Patient: a Case Report.** *Canadian Journal of Emergency Medicine*
  Gharahbaghian, L., McCoy, C., Lotfipour, S., Langdorf, M.
  2008; April
- **New Onset Thyrotoxicosis Presenting as Vomiting, Abdominal Pain and Transaminitis in the Emergency Department: a Case Report.** *Western Journal of Emergency Medicine*
  Gharahbaghian, L., Brosnan, D., Fox JC., Stratton, S., Langdorf, M.
  2007; 8 (3)
- **Sarin and Other Nerve Agents of the Organophosphate Class: Properties, Medical Effects and Management.** *International Journal of Disaster Medicine*
  Gharahbaghian, L., Bey, T.
  2003; 2: 103-108
- **Survival After Ethylene Glycol Poisoning in a Patient With an Arterial pH of 6.58** *Veterinary and Human Toxicology*
  Bey, T., Walter, F., Gilby, R., James, S.T., Gharahbaghian, L.
  2002

PRESENTATIONS

- List of all Presentations in Attachment