

**EMORY UNIVERSITY SCHOOL OF MEDICINE
STANDARD CURRICULUM VITAE**

Revised: 3/12/2026

1. Name: Joshua Guttman MD, FRCPC, FACEP, FAAEM, FAEMUS
2. Office Address: Steiner Building, 68 Armstrong Street, Atlanta, GA 30303
Telephone: 404-778-5975
Fax: 404-778-2630
3. E-mail Address: joshua.guttman@emory.edu
4. Current Titles and Affiliations:
 - a. Academic Appointments:
 - i. Primary Appointment:

Associate Professor of Emergency Medicine, Emory University School of Medicine,
09/2023-present
 - ii. Joint and Secondary Appointment:

Adjunct Associate Professor in the Nell Hodgson Woodruff School of Nursing at Emory
University, 03/2019-present
 - b. Clinical Appointments:

Attending Physician, Grady Memorial Hospital, 06/2018-present
 - c. Other Administrative Appointments:
 1. Faculty Advisor, point-of-care ultrasound student interest group, Emory University
School of Medicine, 06/2023-present
5. Previous Academic and Professional Appointments:
 - a. Clinical Instructor, Department of Emergency Medicine, Icahn School of Medicine at Mount
Sinai, 07/2014-06/2015
 - b. Assistant Professor, Department of Emergency Medicine, Zucker School of Medicine at
Hofstra/Northwell School of Medicine, 07/2015-06/2018
 - c. CAPSTONE Course Assistant Director, Emory University School of Medicine, 5/2019-
5/2020
 - d. Assistant Professor of Emergency Medicine, Emory University School of Medicine, 06/2018-
08/2023

6. Previous Administrative and/or Clinical Appointments:

- a. Chief Resident, Emergency Medicine Residency Program, McGill University, 07/2012-06/2013
- b. Attending Physician, Department of Emergency Medicine, Mount Sinai Hospital, 07/2014-06/2015
- c. Attending Physician, Department of Emergency Medicine, Long Island Jewish Medical Center, 07/2015-06/2018
- d. Director of Resident Ultrasound Education, Department of Emergency Medicine, Long Island Jewish Medical Center, 07/2016-06/2018
- e. Emergency Medicine Ultrasound Fellowship Director, Emory University, 07/2018-06/2023
- f. Founder and Director, Resident Ultrasound Pathway, Emory University Emergency Medicine Residency, 07/2019-06/2024.
- g. Founder and Director, Point-of-Care Ultrasound (POCUS) rotation for trauma fellows, Emory University, Emory Trauma Fellowship Program, 07/2021-06/2024

7. Licensures/Boards:

New York, February 28, 2014-October 31, 2019
Royal College of Physicians and Surgeons of Canada, July 1, 2014
Georgia, November 15, 2017-present

8. Specialty Boards:

Emergency Medicine, November 15, 2015- present

Advanced Emergency Medicine Ultrasound Focused Practice Designation, 04/2022-present

9. Education:

2002-2004 Diplome d'etude Collegiale, Dawson College, Montreal, Canada

2004-2009 Doctor of Medicine, McGill University Faculty of Medicine, Montreal, Canada

10. Postgraduate Training:

2009-2014, Residency in Emergency Medicine, McGill University Faculty of Medicine, Montreal, Canada, Program Director Dr. Carine Haggart

2014-2015, Fellowship in Emergency Ultrasound, Icahn School of Medicine at Mount Sinai, New York, NY, Fellowship Director Dr. Bret Nelson

11. Continuous Professional Development Activities

- a. Executive Leadership Course, Matrix coaching, Emory University Department of Emergency Medicine, 2019
- b. Grady Clinical Education Course, Grady Memorial hospital, September 2019-December 2019
- c. American College of Emergency Medicine Teaching Fellowship 2019-2020
- d. Leadership 360, Emory University Department of Emergency Medicine, 2021
- e. Invited Expert, POCUS Innovators Conference by Butterfly, exclusive invite to 50 top POCUS innovators worldwide, February 10-12 2025, Boca Raton, FL.

12. Committee Memberships:

a. National and International:

- 1. Member, Ultrasound Billing and Coding Subcommittee, American College of Emergency Physicians, emergency ultrasound section, 2016-present
- 2. Member, Website/Social Media Committee, Academy of Emergency Ultrasound, Society of Academic Emergency Medicine, 2016-2019
- 3. Member, Programming Committee, Society of Academic Emergency Medicine, 2016-present
- 4. Member, Social Media Committee, Society of Academic Emergency Medicine, 2017-2020
- 5. Member, Ultrasound Fellowship Education Subcommittee, American College of Emergency Physicians, Emergency Ultrasound Section, 2018-2020
- 6. Member, Fellowship Approval Committee, Society of Academic Emergency Medicine, 2018-present
- 7. Member, Resident Education Subcommittee, American College of Emergency Physician Emergency Ultrasound Section, 2018-2023
- 8. Member, Consultation Services Committee, Society of Academic Emergency Medicine, 2020-2025
- 9. Council member, Emergency Ultrasound Fellowship Accreditation Committee, American Board of Emergency Medicine, 2020-2025
- 10. Board Member at Large, Emergency Ultrasound Section, American Academy of Emergency Medicine, 2020- April 2022
- 11. Chair, Billing and Coding Subcommittee, American College of Emergency Physicians Ultrasound section, 2021-2025
- 12. Member, Ultrasound Safety Subcommittee, American College of Emergency Physicians Emergency Ultrasound Section, 2021-present

13. Member, Program Requirements Committee, Emergency Ultrasound Fellowship Accreditation Council, 03/2022-11/2025
14. Member, Policy Committee, Emergency Ultrasound Fellowship Accreditation Council, 2022-2025
15. Education Chair, Emergency Ultrasound Section, American Academy of Emergency Medicine, 2022-2024
16. Chair-elect, Emergency Ultrasound Section, American Academy of Emergency Medicine, 2024-2025
17. Chair, Emergency Ultrasound Section, American Academy of Emergency Medicine, 2025-present
18. Member, Emerging Technology Subcommittee, American College of Emergency Physicians Ultrasound Section, 2025-present
19. Member, Systemwide POCUS Subcommittee, American College of Emergency Physicians Ultrasound Section, 2025-present
20. Founder and Chair, AAEM Emergency Ultrasound Section Research Grant Program and Review Committee, 2025-present
21. Member, Innovation and AI Committee, American Academy of Emergency Medicine, 2025-present
22. Member, AI Clinical Augmentation Subcommittee, American Academy of Emergency Medicine, 2026-present

b. Institutional:

1. Member, McGill University Emergency Medicine Residency Program Committee, 07/2010-06/2014
2. Member, Clinical Quality Review Committee- Ultrasound Section Leader, Icahn School of Medicine at Mount Sinai, 07/2014-06/2015
3. Clinical Guidelines Committee, Long Island Jewish Medical Center, 11/2015-06/2018
4. Co-chair, Faculty hours, protected time and scheduling workgroup, Long Island Jewish Medical Center, 12/2015-12/2016
5. Member, Faculty Development Committee, Long Island Jewish Medical Center, 12/2015-12/2016
6. Member, Education Committee, Emory University Department of Emergency Medicine, 07/2018-present
7. Founder, multidisciplinary Point of Care Ultrasound workflow optimization committee, Grady Memorial Hospital, 11/2018-02/2020

8. Chair, Grady Point-of-care Ultrasound Committee, 09/2019-present
 9. Member, Grady Champions Faculty Development committee, Emory University, 09/2020-present
 10. Emory School of Medicine Liaison Committee on Medical Education (LCME) self-study committee, 09/2022-10/2023
 11. Member, Faculty Committee on Appointments and Promotions (FCAP), Department of Emergency Medicine, Emory University, 09/2024-present
 12. Member, Emory at Grady Onboarding Working Group, 07/2025-present
13. Peer Review Activities:
- a. Manuscripts:
 1. Canadian Journal of Emergency Medicine, 2015-2018
 2. Journal of Ultrasound in Medicine, 2016-2019
 3. Academic Emergency Medicine Education and Training Journal, 2016-2023
 - b. Conference Abstracts
 - i. National and international
 1. Society for Academic Emergency Medicine Annual Meeting, Orlando, FL, May 16-19, 2017
 2. Society for Academic Emergency Medicine Annual Meeting, Indianapolis, IN May 15-18, 2018
 3. Society for Academic Emergency Medicine Annual Meeting, Las Vegas, NV May 14-17, 2019
 4. Society for Academic Emergency Medicine Annual Meeting, 2020 (cancelled-COVID19)
 5. Society for Academic Emergency Medicine Annual Meeting, virtual, May 11-14, 2021
 6. Society for Academic Emergency Medicine Annual Meeting, New Orleans, LA May 10-13, 2022
 7. Society for Academic Emergency Medicine Annual Meeting, Austin, TX, May 16-19, 2023
 8. Society for Academic Emergency Medicine Annual Meeting, Phoenix, AZ, May 14-17, 2024
 9. Society for Academic Emergency Medicine Annual Meeting, Philadelphia, PA, May 13-16, 2025
14. Consultantships/Advisory Boards:
1. Reviewer, Clinical Ultrasound Accreditation Program, American College of Emergency Physicians, 2014-2022

2. Consulting Emergency Physician, New York Islanders National Hockey League (NHL) hockey team, 2016-2018
3. Atlanta Jewish Academy Health and Safety Committee for COVID-19, Atlanta, GA, July 2020-June 30, 2022.
4. Member, Board of Trustees, Atlanta Jewish Academy, 2022-present
5. Chair, Health and Safety Committee, Atlanta Jewish Academy, 2022-present
6. Invited Expert Panelist for the following published study. Hirzallah MI, Lochner P, Hafeez MU et al; Optic Nerve Sheath Diameter Point-of-Care Ultrasonography Quality Criteria Checklist (ONSD POCUS QCC) Expert Panelists. Optic Nerve Sheath Diameter Point-of-Care Ultrasonography Quality Criteria Checklist: An International Consensus Statement on Optic Nerve Sheath Diameter Imaging and Measurement. Crit Care Med. 2024 Jun 5. doi: 10.1097/CCM.0000000000006345. Epub ahead of print. PMID: 38836697.
7. Chair, Committee on Trustees, Atlanta Jewish Academy, 2024-present
8. Consultant, Butterfly IQ Ultrasound, 2024-present
9. Consultant, Rivanna Medical, 2024-present
10. Consultant, AISAP LTD, 2024-present
11. Consultant, Comprium AG, 2024-present
12. Consultant, Ethos Medical, 2025-present
13. Consultant, Vave Health, 2025-present
14. Executive Vice President, Atlanta Jewish Academy, 2025-present

15. Honors and Awards

- a. Seventh annual celebration of faculty excellence, award for “Appointed Representative, American College of Emergency Physicians (ACEP) to serve on the newly formed Emergency Ultrasound Fellowship Accreditation Council (EUFAC)”, Emory University, 2020
- b. Educator Appreciation Day recognition for excellence in education, Emory University, 2021
- c. “Hidden gem” award, 8th annual celebration of faculty excellence, Emory University, 2021
- d. Volunteer of the year, Atlanta Jewish Academy, 2021-2022
- e. Educator Appreciation Day recognition for excellence in education, Emory University, 2023

16. Society Memberships:

- a. Society of Academic Emergency Medicine, 2009-present

- b. American College of Emergency Physicians, 2009-present
- c. American Academy of Emergency Medicine, 2010-present
- d. Society for Clinical Ultrasound Fellowships, 2013-present
- e. American Institute of Ultrasound in Medicine, 2014-2022

17. Organization of Conferences:

a. National and International:

i. Administrative Positions

1. Member, Sonogames Organizing Committee, Society of Academic Emergency Medicine, 2016-2017
2. Member, Program Committee, Society of Academic Emergency Medicine, 2017-present
3. Member, Sonogames Organizing Committee, Society for Academic Emergency Medicine 2019-2020
4. Course Associate Director, National and International Foundations of Emergency Medicine Point-of-care Ultrasound Curriculum, 2021-present
5. Founder and course co-director, "Unmute Your Probe"- **basic** curriculum, virtual ultrasound course series, sponsored by the American Academy of Emergency Medicine (AAEM)., 2021-2024
6. Founder and course co-director, "Unmute Your Probe"- **advanced** curriculum, virtual ultrasound course series, sponsored by the American Academy of Emergency Medicine (AAEM). 2021- 2024

ii. Sessions as Chair:

1. Junior Faculty Development Forum subcommittee chair, Society of Academic Emergency Medicine Annual Meeting, 2017-18
2. Creator and Moderator for: Implications of the 2023 Billing Guideline Changes to POCUS: A Panel Discussion of Experts. Webinar hosted by the American College of Emergency Physicians. 203 registrants, May 10, 2023.
3. Lead Faculty, Choose Your Own Adventure: Ultrasound Workshop, American Academy of Emergency Medicine Scientific Assembly, Miami, FL, April 9, 2025.

b. Regional

i. Sessions as Chair

1. Founder and Organizer, introduction to POCUS, Philadelphia College of Osteopathic Medicine (PCOM) SOMA Chapter, February 7, 2025

c. Institutional

I. Sessions as chair

2. Course director, Emory Faculty Point-of-Care Ultrasound Course, Emory at Grady Faculty Development committee, Emory University, 2022.
3. Course director, Emory Faculty Point-of-Care Ultrasound Course, Emory at Grady Faculty Development committee, Emory University, 2023.
4. Course director, Emory Faculty Point-of-Care Ultrasound Course, Emory at Grady Faculty Development committee, Emory University, 2024
5. Course founder and director, Emory Department of Pathology Introduction to POCUS and Needle Guidance, Emory University, 2024

18. Clinical Service Contributions:

- Created electronic billing worksheets and billing process for ultrasounds performed in the Long Islands Jewish Emergency Department
- Created an ultrasound policy for the Northwell Health Department of Emergency Medicine
- Created a low-risk chest pain protocol for the Long Island Jewish Department of Emergency Medicine
- Assisted in creating an alcohol intoxication clinical pathway for the department of Emergency Medicine at Long Island Jewish Medical Center
- Updated EPIC procedure notes for ultrasounds performed at the Mount Sinai Department of Emergency Medicine
- Update Q-path software ultrasound billing sheets, Grady Memorial Hospital
- Chairing committee to improve point-of-care ultrasound utilization at Grady Memorial Hospital
- Leading taskforce appointment by the Grady Memorial Hospital Medical Executive Committee to create point-of-care ultrasound credentialing policies for each division
- Improving point-of-care ultrasound education for faculty by organizing multidisciplinary courses

19. Community Outreach:

a. General:

1. Career day for Hebrew Academy High School, Montreal, Canada, 2014
2. Kaplan-Mitchell retreat center at Ramah Darom volunteer physician, Clayton, GA, 2018-2020
3. Career day for Atlanta Jewish Academy, Atlanta, GA, 2019
4. COVID-19 medical consultant, Ohr HaTorah Synagogue, Atlanta, GA, 2020-present
5. Atlanta Jewish Academy Science Fair judge, 2021, 2023, 2024 Atlanta, GA
6. Invited speaker on Emergency Medicine, Atlanta Jewish Academy High School Medical Club, Atlanta GA, 2023
7. Founder and director, Basic Life Support training, Atlanta Jewish Academy, grades 6-

12, 2024-present

8. Volunteer Camp Physician, Camp Stone, Sugar Grove, PA, 2024-present

20. Formal Teaching:

a. Medical Student Teaching:

- 1) Communication simulation, 2011-2012 3 hours taught
- 2) Echo for medical students, 2014, 4 hours taught
- 3) Trauma ultrasound for undergraduates, 2014, 4 hours taught
- 4) Emergency Ultrasound lab, recurred monthly, 2014-2015, 2 hours taught
- 5) Introduction to Internship-Ultrasound, 2015, 3 hours taught,
- 6) Thrills and Spills Ultrasound workshop, 2018-2019, 2023, 4.5 hours taught
- 7) Ultrasound of the head and neck for first year medical students, 2019, 3 hours taught
- 8) Abdominal ultrasound anatomy for first year medical students, 2019, 3 hours taught
- 9) Basic life support skills, 2019, 4 hours taught
- 10) CAPSTONE medical student ultrasound elective, 2019, 2022, 2 hours taught
- 11) Introduction to ultrasound for EM clerks, recurred monthly, 2019, 2021, 2 hours taught
- 12) Musculoskeletal ultrasound for POCUS interest group, 2020, 1 hour taught
- 13) Correlation of the Physical Exam with ultrasound, 2023, 6 hours taught
- 14) MSIII Integrations Course, POCUS Session, 2023, 2 hours taught

b. Graduate Programs:

i. Residency Programs:

1. The low-risk chest pain patient, 2010, 1 hour taught
2. Ketamine in the ED, 2011, 1 hour taught
3. Advanced cardiac life support (ACLS), 2011-2014, 96 hours taught
4. Introduction to thoracic ultrasound, recurred monthly, 2012-2014, 1 hour taught monthly
5. A deep dive on succinylcholine vs rocuronium in RSI, 2013, 1 hour taught
6. McGill emergency ultrasound day for EM residents, 2013-2014, 4 hours taught annually
7. POCUS applications for bowel pathology, 2014, 1 hour taught
8. Emergency Ultrasound for Interns, recurred monthly, 2014-2015, 8 hours taught monthly
9. Point of Care ultrasound for pediatric residents, recurred monthly, 2014-2015, 3 hours taught monthly

10. Hand POCUS for plastic surgery residents, 2015, 2 hours taught
11. Introduction to ultrasound for interns, 2015, 8 hours taught
12. Clinical pathological case conference, 2015, 1 hour taught
13. Bedside Scrotal Ultrasound, 2016, 1 hour taught
14. Genitourinary Ultrasound cases, 2016, 1 hour taught
15. Clinical Bioskills Cadaver lab, 2016, 2018, 8 hours taught
16. Thoracic ultrasound cases, 2017, 1 hour taught
17. Ultrasound Milestone Assessment, 2018, 3 hours taught
18. Foundations of Emergency Medicine: genitourinary, 2018, 1 hour taught
19. Introduction Emergency Ultrasound Fellowships and Careers, 2018-2020, 0.5 hours taught annually
20. Intern ultrasound bootcamp, 2018-2021, 4 hours taught annually
21. Foundations of Emergency Medicine: Pulmonary, 2019, 1 hour taught
22. Introduction to trauma, 2019, 1 hour taught
23. Ultrasound administration, 2019, 1 hour taught
24. Resident Airway simulation day, 2019, 4 hours taught
25. Ultrasound of the dyspneic patient, 2019, 0.5 hours taught
26. Ultrasound for Fluid responsiveness, 2019, 0.5 hours taught
27. Ultrasound for Fluid responsiveness, 2020, 0.5 hours taught
28. Extremity Trauma, 2021, 2023, 2024 0.5 hours taught each
29. Foundations of Emergency Medicine: Testicular, 2021, 2023 1 hour taught
30. Point-of-care ultrasound of the bowel, 2021, 0.5 hours taught
31. Approach to vomiting in the ED, 2021, 2022, 2023, 1 hour taught each
32. Introduction to transvaginal ultrasound, 2021, 2 hours taught
33. Foundations of Emergency medicine, Toxicology, 2022, 1 hour taught

ii. Fellowship programs

1. Ultrasound physics, 2018, 1 hour taught
2. Introduction to FAST, 2018, 1 hour taught
3. Introduction to renal US, 2018 1 hour taught
4. Introduction to obstetrical ultrasound, 2018, 1 hour taught
5. Point of care ultrasound of the liver, 2018, 1 hour taught
6. Point of care ultrasound of the kidney, 2018, 2022, 2023 1 hour taught
7. Introduction to Spectral Doppler, 2018, 2020 0.5 hour taught
8. Ultrasound for diverticulitis and IBD, 2018, 2020, 0.5 hour taught

9. Ultrasound administration, 2019, 1 hour taught
10. Ultrasound billing, 2019,2020, 0.5 hours taught
11. Getting involved with ultrasound, 2019,2020,2021,2022, 0.5 hours taught
12. DVT ultrasound, 2020, 0.75 hours taught
13. Gallbladder ultrasound, 2020, 0.75 hours taught
14. Introduction to thoracic ultrasound, 2020, 2022 2 hour taught
15. Ultrasound credentialing, 2020, 2023 0.5 hours taught each
16. Upper extremity MSK ultrasound, 2021, 2 hours taught
17. Cardiac Tamponade, 2021, 0.5 hours taught
18. Upper extremity Vascular ultrasound, 2021,2022, 2 hours taught
19. US and patient safety, 2021,2022, 0.5 hours taught
20. Ultrasound Quality Assurance, 2022, 0.5 hours taught
21. Ultrasound for fluid responsiveness, 2022, 1 hour taught
22. Ultrasound for Aortic Dissection, 2022, 1 hour taught
23. Lower extremity MSK ultrasound, 2023, 1 hour taught
24. FAST for Fellows, 2023,2024 0.5 hours taught
25. Biliary Point-of-Care Ultrasound, 2023,2024 0.5 hours taught
26. Advanced Cardiac POCUS, 2024, 0.5 hours taught
27. Ultrasound guided lumbar punctures, 2025, 0.5 hours taught

iii. Master and PhD Programs

1. Introduction to POCUS, Emory Emergency Nurse Practitioner Students, 2019, 2020, 2022, 2023, 2024,2025 4 hours taught

c. Other Categories:

1. Abdominal Emergencies, Paramedic, 2012, 0.5 hours taught
2. Faculty development- POCUS, Emergency Medicine Faculty, 2019, 2 hours taught
3. 5 Es of echo, Emergency Medicine Faculty, 2021, 0.5 hours taught
4. Introduction to lung ultrasound, Emergency Medicine Faculty, 2022, 1 hour taught
5. How to Integrate POCUS Into Your Workflow and Remain Productive, Emergency Medicine Faculty, 2023, 0.5 hours taught

21. Supervisory Teaching:

a. Fellowship Program:

1. Kahra Nix MD, 2018-2019, Associate Professor of Emergency Medicine, University of Louisville
2. Stuart Glass DO, 2018-2019, Adjunct Assistant Professor of Emergency Medicine, Emory University.
3. Amanda Haan MD, 2020-2021, Assistant Professor of Emergency Medicine, Emory University
4. Elena James MD, 2020-2021, Assistant Professor of Emergency Medicine, Emory University
5. Akhil Venkatesan MD, 2020-2021, private practice
6. Jordan Leumas MD, 2021-2022, Assistant Professor of Emergency Medicine, Augusta University
7. Shawn Sethi DO, 2021-2022, Assistant Professor of Emergency Medicine, Duke University
8. Ahmad Bakhribah MD, 2021-2022, Assistant Professor, King Abdulaziz University, Saudi Arabia
9. Mack Sheraton, MD 2022-2023, Assistant Professor of Emergency Medicine, University of Texas At Houston

b. Residency Program:

1. Nina Ackerman MD, 2016-2018, Assistant Professor of Emergency Medicine, Zucker School of Medicine at Hofstra/Northwell
2. Ahmad Bakhribah MD, 2018-2021, Assistant Professor, King Abdulaziz University, Saudi Arabia
3. Jordan Leumas MD, 2019-2021, Assistant Professor of Emergency Medicine, Augusta University
4. Daniel Freeman MD, 2019-2022, Critical Care Fellow, Emory University
5. Svadharma Keerthi MD 2020-2023, Attending Emergency Physician, Banner Health

c. Other

1. Eric Ebert, Hofstra Summer Research Program 2017, Zucker School of Medicine, currently PGY1 Emergency Medicine resident. Assisted with research as a summer intern.

22. Lectureships, Seminar Invitations, and Visiting Professorships:

a. National and International:

1. Emergency Medicine Practice in the United States, McGill Emergency Medicine Residency Career Day, McGill University Health Center, Montreal, Canada, July 12 2017
2. McGill University Medical School Ultrasound Interest group seminar on point-of-care ultrasound, Montreal, Canada, April 3, 2018
3. Bowel Ultrasound, McGill University, Montreal, Canada-cancelled due to COVID19, 04/2020
4. Ultrasound for Fluid Responsiveness, invited presentation for the Israel Academy of Emergency Medicine monthly virtual lecture series, April 19, 2021
5. Nerve Block Workshop, University of Tennessee Health Science Center-Nashville Emergency Medicine Residency, Murfreesboro, TN, August 26, 2021
6. Probing the ultrasound literature, invited panelist for national ultrasound journal club, jointly sponsored by the Society of Academic Emergency Medicine and the American College of Emergency Physicians, September 13, 2021
7. Guttman J, Kanapicki J, Alvarez A, Stehman C. Asynchronous Academic Productivity. Panelist. ALiEM Faculty Incubator Grand Rounds. May 26, 2022
8. Visiting Professorship, Hadassah Ein Kerem-Hebrew University Medical Center, Department of Emergency Medicine, Jerusalem, Israel, January 15 to January 29, 2024.
9. Scrotal Ultrasound, Hadassah Ein Kerem-Hebrew University Medical Center, Department of Emergency Medicine, Jerusalem, Israel, January 15, 2024
10. Point-of-care Ultrasound for Fluid Responsiveness, Hadassah Ein Kerem-Hebrew University Medical Center, Department of Emergency Medicine Grand Rounds, Jerusalem, Israel, January 16, 2024
11. Cardiac POCUS workshop for Emergency Medicine Residents, Hadassah Ein Kerem-Hebrew University Medical Center, Department of Emergency Medicine, Jerusalem, Israel, January 16, 2024
12. Introduction to Lung Ultrasound, Hebrew University Medical Students, Jerusalem, Israel, January 17, 2024
13. Biliary POCUS, Hadassah Ein Kerem-Hebrew University Medical Center, Department of Emergency Medicine, Jerusalem, Israel, January 22, 2024
14. Approach to Nausea and Vomiting in the Emergency Department, Hadassah Ein Kerem-Hebrew University Medical Center, Department of Emergency Medicine, Jerusalem, Israel, January 23, 2024
15. Biliary POCUS workshop for Emergency Medicine Residents, Hadassah Ein Kerem-

Hebrew University Medical Center, Department of Emergency Medicine, Jerusalem, Israel, January 24, 2024

16. Bowel POCUS, Samson Assuta Hospital, Department of Emergency Medicine Grand Rounds, Ashdod, Israel, January 25, 2024
17. Point-of-care Ultrasound for Cardiac Tamponade, Samson Assuta Hospital, Department of Emergency Medicine Grand Rounds, Ashdod, Israel, January 25, 2024
18. Ultrasound for Lumbar Puncture, Samson Assuta Hospital, Department of Emergency Medicine Grand Rounds, Ashdod, Israel, January 25, 2024
19. POCUS Operations: The Nuts and Bolts of an Optimal POCUS Program. Invited Webinar for the POCUS Academy Webinar Series (international). 267 registrants for the virtual lecture, November 13, 2024.
20. POCUS for Pulmonary Embolism, invited presentation for the Israel Academy of Emergency Medicine monthly Grand rounds, December 16, 2024.
21. Visiting Professorship, Hadassah Ein Kerem-Hebrew University Medical Center, Department of Emergency Medicine, Jerusalem, Israel, December 29, 2024 to January 12, 2025.
22. Introduction to Lung Ultrasound, Hebrew University Medical Students, Jerusalem, Israel, January 1, 2025
23. Diagnosis of Ascending Cholangitis, Emergency Medicine Interns, Hadassah Ein Kerem Medical Center, Jerusalem, Israel, January 2, 2025
24. Introduction to Cardiac point-of-care ultrasound, Hebrew University Medical Students, Jerusalem, Israel, January 2, 2025
25. Approach to Ventricular Tachycardia, Hebrew University Medical Students, Jerusalem, Israel, January 5, 2025
26. Introduction to the FAST exam, Hebrew University Medical Students, Jerusalem, Israel, January 5, 2025
27. Central line placement, Hebrew University Medical Students, Jerusalem, Israel, January 6, 2025
28. Invited instructor on Lung POCUS, National Israel Course on Emergency Medicine, Jerusalem, Israel, January 7, 2025.
29. Point-of-care Ultrasound in Cardiac Arrest: The Four Questions, Grand Rounds, Department of Emergency Medicine, Hadassah Ein-Kerem Medical Center, Jerusalem, Israel, January 8, 2025
30. A Case of Aortic Dissection, Hebrew University Medical Students, Jerusalem, Israel January 9, 2025.
31. The Business of Academic Emergency Ultrasound, webinar presenter and panelist, 100 registrants, Society of Academic Emergency Medicine, March 5, 2025.

32. POCUS and Artificial Intelligence: Imaging Going Where No Imaging Has Gone Before, Keynote Speaker for the 5th annual Frugal Innovations In Global Health Conference (Virtual), Sponsored by Loyola University Chicago College of Arts and Sciences, University of Illinois Chicago School of Public Health Global Health Program, India Development Service, and Rush University College of Health Sciences, March 14, 2025.
33. Comprehensive POCUS Reimbursement. Rutgers University, Department of Emergency Medicine, Ultrasound Division, May 22, 2025.
34. Real-World Cases: AI Impacting Outcomes in Emergency, Internal and Primary Care, invited webinar presentation from AISAP LTD, 126 registrants, July 29, 2025.
35. The Business of Academic Emergency Ultrasound 2.0, webinar presenter and panelist, 75 registrants, Society of Academic Emergency Medicine, September 2, 2025.
36. POCUS in Cardiac Arrest: The Why, When, How and Who, Invited Webinar for the POCUS Academy Webinar Series (international). 379 registrants for the virtual lecture, September 10, 2025.
37. Point-of-care Ultrasound in Cardiac Arrest: The Why, When, How and Who, Grand Rounds, Department of Emergency Medicine, Hadassah Ein-Kerem Medical Center, Jerusalem, Israel, November 5, 2025
38. Ultrasound-Guided Regional Nerve Blocks, speaker and workshop facilitator, Israel Academy of Emergency Medicine Scientific Assembly, November 6, 2025.
39. POCUS Workshop, Department of Emergency Medicine, Hadassah-Mount Scopus University Hospital, November 9, 2025
40. Non-GME POCUS Training-What Works and What Doesn't, Speaker and Panelist, POCUS Innovator Forum, Miami, FL, January 20, 2026
41. AI and POCUS: The Next Evolution in Bedside Imaging, invited webinar for the POCUS Academy Webinar Series (International). 300 registrants for the virtual lecture, March 11, 2026.

b. Regional:

1. Abdominal Aortic Aneurysm, St. John's Riverside Hospital Emergency Medicine Residency, Yonkers, NY, September 20, 2017
2. The Power of POCUS: Stand Out in Residency and Your Career. Lecture for the Philadelphia College of Osteopathic Medicine branch of the Student Osteopathic Medical Association, Suwanee, GA, February 4, 2025.

c. Institutional

1. Invited Panelist, Sinai Innovations, a conference on the integration of medicine and industry, Icahn School of Medicine at Mount Sinai, New York, NY, November 18, 2014
2. Invited Panelist, Emergency Medicine Interest Group, Panel on Emergency Medicine Careers, Emory University School of Medicine, Atlanta, GA, August 23, 2019
3. Invited lecturer, POCUS Fellowships for Physician Assistants, Physician Assistant School Career Day, Emory University, Atlanta, GA, September 13, 2019
4. Invited Panelist, Emergency Medicine Subspecialties, Emory University, Atlanta, GA, September 13, 2021

23. Invitations to National/International, Regional, and Institutional Conferences:

a. National and International:

1. Hands on instructor, pre-conference course on point-of-care ultrasound, Clinical Decision Making in Emergency Medicine conference, Ponte Vedra, FL, June 17 2015
2. Lecturer and facilitator, Sonoslam (medical student ultrasound competition), American Institute for Ultrasound in Medicine Annual Meeting, New York, NY, March 20, 2016
3. Point of Care Cardiac Ultrasound: Why No Two are the Same, Society of Academic Emergency Medicine annual meeting, New Orleans, LA, May 11, 2016
4. #whatsthedx- Ultrasound Edition, Society of Academic Emergency Medicine annual meeting, Orlando, FL, May 18, 2017. *Won award for best IGNITE presentation*
5. Israel Academy of Emergency Medicine annual scientific assembly preconference course on critical care ultrasound, lecturer and facilitator, Tel Aviv, Israel, March 12, 2018
6. Fluid Responsiveness: The IVC and beyond, Society of Academic Emergency Medicine annual meeting, Indianapolis, IN, May 16, 2018
7. Introduction to Point of Care Ultrasound, Gulf Coast Medical Center, Fort Myers, FL, November 8, 2018
8. Introduction to Point of Care Ultrasound, University of South Florida, Tampa, FL, November 15, 2018
9. Introduction to Point of Care Ultrasound, University of South Florida, Tampa, FL, March 10, 2019
10. Israel Academy of Emergency Medicine annual scientific assembly preconference course on advanced point of care ultrasound, lecturer and facilitator, Tel Aviv, Israel, March 25, 2019
11. Is Fellowship Right for You? A panel discussion for residents. Society of Academic Emergency Medicine annual meeting, Las Vegas, NV, May 16, 2019
12. Introduction to Point of Care Ultrasound, University of South Florida, Tampa, FL, June

30, 2019

13. Israel Academy of Emergency Medicine annual scientific assembly preconference course on advanced point of care ultrasound, lecturer and facilitator, Tel Aviv, Israel, 2020, Cancelled due to COVID19
14. Handheld ultrasounds: Problem or Panacea? American Academy of Emergency Medicine Annual Conference, Phoenix, AZ, 2020-cancelled due to COVID19
15. Is Fellowship Right for You? A panel discussion for residents. Didactic presentation, Society of Academic Emergency Medicine annual meeting, Denver, CO, 2020-cancelled due to COVID19
16. The Real Bowel Sounds- Point-of-care ultrasound for bowel pathology, MTL-SONO 2020 virtual ultrasound conference (virtual due to COVID-19), originally scheduled in Montreal, Canada, November 8, 2020
17. What does it mean to be a competent point-of-care ultrasound practitioner, a panel discussion. MTL-SONO 2020 virtual ultrasound conference (virtual due to COVID-19), originally scheduled in Montreal, Canada, November 8, 2020
18. Thinking About a Fellowship? What Residents Need to Know: Fellowship Roundtable Discussions. Didactic presentation, Society of Academic Emergency Medicine annual meeting, originally scheduled for Atlanta, GA, virtual due to COVID-19, May 12, 2021
19. Handheld ultrasounds: Problem or Panacea? Coastal Emergency Medicine Conference, Kiawah Island, SC. Invited for 2020 where conference was cancelled for COVID-19. Rescheduled for 2021, June 11, 2021
20. Bedside echocardiography in the Emergency Department. Coastal Emergency Medicine Conference, Kiawah Island, SC. Invited for 2020 where conference was cancelled for COVID-19. Rescheduled for 2021, June 11, 2021
21. POCUS for Press Ganey: Increasing Patient Satisfaction with Point-of-care Ultrasound. American Academy of Emergency Medicine Scientific Assembly, St, Louis, MO, June 21, 2021
22. Turn down the radiation, please! CT findings that can be diagnosed with POCUS. American Academy of Emergency Medicine Scientific Assembly, St, Louis, MO, June 22, 2021
23. Ultrasound-guided Arm Nerve Blocks workshop faculty. American Academy of Emergency Medicine Scientific Assembly, St, Louis, MO, June 22, 2021
24. Ultrasound-guided Leg Nerve Blocks workshop faculty. American Academy of Emergency Medicine Scientific Assembly, St, Louis, MO, June 22, 2021
25. Basic point-of-care echo workshop faculty. American Academy of Emergency Medicine Scientific Assembly, St, Louis, MO, June 23, 2021
26. Ultrasound-beginner lab- American Academy of Emergency Medicine Scientific Assembly, St, Louis, MO, June 24, 2021

27. Ultrasound Advanced- Hands on Modules faculty. American Academy of Emergency Medicine Scientific Assembly, St, Louis, MO, June 24, 2021
28. Ultrasound for Fluid Responsiveness. Invited lecture for the American Academy of Emergency Medicine's virtual ultrasound course series. 150 registrants for the virtual lecture, November 17, 2021
29. Biliary point-of-care ultrasound, Invited lecture for the American Academy of Emergency Medicine's virtual ultrasound course series. 200 registrants for the virtual lecture, January 5, 2022
30. Lung point-of-care ultrasound, Invited lecture for the American Academy of Emergency Medicine virtual ultrasound course series. 100 registrants for the virtual lecture, January 19, 2022
31. Air is the Enemy of Ultrasound? Not as Lung as POCUS is around. Rocky Mountain Winter Conference on Emergency Medicine, Steamboat Springs, CO. March 6, 2022
32. Critical Care Echocardiography workshop faculty, Rocky Mountain Winter Conference on Emergency Medicine, Steamboat Springs, CO. March 7, 2022
33. Choose your own adventure/ask the ultrasound expert workshop faculty, Rocky Mountain Winter Conference on Emergency Medicine, Steamboat Springs, CO. March 8, 2022
34. The POCUS Poke: Using POCUS for those Difficult Lumbar Punctures, American Academy of Emergency Medicine Scientific Assembly, Baltimore, MD, April 25, 2022
35. But is it Tamponade? Getting Beyond the Pericardial Effusion with POCUS, American Academy of Emergency Medicine Scientific Assembly, Baltimore, MD, April 26, 2022
36. Ultrasound-guided Upper Extremity Nerve Blocks Workshop Faculty, American Academy of Emergency Medicine Scientific Assembly, Baltimore, MD, April 26, 2022
37. Ultrasound-guided Lower Extremity Nerve Blocks Workshop Faculty, American Academy of Emergency Medicine Scientific Assembly, Baltimore, MD, April 26, 2022
38. What Residents Need to Know: Fellowship Roundtable Discussion, Society of Academic Emergency Medicine Annual Meeting, New Orleans, LA, May 11, 2022
39. Education Summit: How I Package What I've Done and Digital Scholarship, Society of Academic Emergency Medicine Annual Meeting, New Orleans, LA, May 11, 2022
40. How to integrate POCUS into your workflow and remain productive, Coastal Emergency Medicine Conference, Kiawah Island, SC, June 10, 2022
41. Wet to Dry: POCUS Techniques to Evaluate Fluid Status, Coastal Emergency Medicine Conference, Kiawah Island, SC, June 12, 2022
42. Ultrasound for Fluid Responsiveness. Invited lecture for the American Academy of Emergency Medicine's virtual ultrasound course series, December 14, 2022
43. How to integrate POCUS into your workflow and remain productive, Invited lecture for

- the American Academy of Emergency Medicine virtual ultrasound course series, March 22, 2023.
44. They're a Ten(don) but They Don't use Ultrasound: MSK diagnoses you can Definitely Make, American Academy of Emergency Medicine Scientific Assembly, New Orleans, LA, April 23, 2023.
 45. Introduction to Point-of-Care Ultrasound, University of South Florida, Tampa, FL, May 14, 2023
 46. Education Summit: Leveraging Social Media to Enhance Your Bedside Teaching, Society of Academic Emergency Medicine Annual Meeting, Austin, TX, May 17, 2023
 47. What Residents Need to Know: Fellowship Roundtable Discussion, Society of Academic Emergency Medicine Annual Meeting, Austin, TX, May 18, 2023
 48. Introduction to Point-of-Care Ultrasound, University of South Florida, Tampa, FL, June 18, 2023
 49. Advanced Emergency Medicine Ultrasound Focused Practice Designation Exam Review: Genitourinary, Renal and Trauma. Invited lecture for the American Academy of Emergency Medicine's virtual ultrasound course series. 100 registrants for the virtual lecture, September 27, 2023
 50. Invited panelist, Advanced Emergency Medicine Ultrasound Focused Practice Designation Exam review, American Academy of Emergency Medicine's virtual ultrasound course series, 100 course registrants, March 6, 2024.
 51. What Residents Need to Know: Fellowship Roundtable Discussion, Society of Academic Emergency Medicine Annual Meeting, Phoenix, AZ, May 15, 2024
 52. Ultrasound Consulting: How to Get Started. American Academy of Emergency Medicine Unmute Your Probe Podcast virtual series, November 11, 2024.
 53. Ultrasound-guided Upper Extremity Nerve Blocks Workshop Faculty, American Academy of Emergency Medicine Scientific Assembly, Miami, FL, April 8, 2025
 54. Choose Your Own Adventure: Ultrasound Workshop Course Faculty, American Academy of Emergency Medicine Scientific Assembly, Miami, FL, April 9, 2025
 55. Should I Do a Fellowship, or is it a \$300 000 Mistake? American Academy of Emergency Medicine Scientific Assembly, Miami, FL, April 9, 2025
 56. What Residents Need to Know: Fellowship Roundtable Discussion, Society of Academic Emergency Medicine Annual Meeting, Philadelphia, PA, May 14, 2025
 57. POCUS in the Emergency Department: Risk, Reward, and Responsibility. Illinois Health and Hospital Association Risk Management Conference on Emergency Medicine, virtual conference, 150 attendees, July 17, 2025
 58. POCUS and AI: Imaging Boldly Going Where No Imaging Has Gone Before. Frontiers in Advanced Emergency Care Conference, Atlanta, GA, October 3, 2025.

59. POCUS 360: No Blind Spots in the Critically Ill, Advanced Resuscitation POCUS workshop, Jerusalem Emergency Medicine and Acute Care Conference 2025, November 11, 2025.
60. Visualizing Survival: Expert Approaches to Cardiac Arrest in POCUS. Jerusalem Emergency Medicine and Acute Care Conference 2025, November 12, 2025.
61. Introduction to POCUS Workshop, Southeast Regional Urgent Care Association annual conference, New Orleans, LA, November 13, 2025
62. Introduction to POCUS Workshop, University of Texas Rio Grande Valley Department of Physician Assistant, January 20, 2026.

b. Institutional

1. Lecturer and hands-on instructor. Pediatric bedside ultrasound course, Icahn School of Medicine at Mount Sinai, New York, NY, April 19, 2015

24. Abstract Presentations at National/International, Regional, and Institutional Conferences:

1. National and International:

1. **Guttman J***, Segal E, Xu X, Afialo M. Validation of a Clinical Prediction Rule for Chest Radiography in Emergency Department Patients with Chest Pain and Possible Acute Coronary Syndrome. (Oral). Society of Academic Emergency Medicine annual meeting, Chicago, IL, May 9, 2012
2. **Guttman J**, Interactive Online Lung Point of Care Ultrasound Course. Virtual Poster Session, American College of Emergency Physicians Scientific Assembly, Virtual due to COVID-19, October 27, 2020
3. Sheraton M, Snitzer J, **Guttman J**. Transthoracic Echocardiography for Diagnosing Aortic Dissection in the Emergency Department: A Systematic Review. (Oral). Society of Academic Emergency Medicine Annual Meeting, Austin, TX, May 18, 2023
4. Krol K, Chen YR, Morales MS, Nasir R, Mahabir N, Iyeke L, Jordan L, Shah T, Burke K, Friedman M, Dexeus D, Mihailos A, Richman M, **Guttman J**. Integrating pretest probability and point-of-care ultrasound (POCUS) in small bowel obstruction (SBO) diagnosis. (Oral Presentation) Society for Academic Emergency Medicine Annual Meeting, Phoenix, AZ; May 15, 2024.
5. Krol K, Chen YR, Morales MS, Nasir R, Mahabir N, Iyeke L, Jordan L, Shah T, Burke K, Friedman M, Dexeus D, Mihailos A, Richman M, **Guttman J**. Does point-of-care ultrasound for small bowel obstruction improve patient-centered outcomes? (Oral Presentation) Society for Academic Emergency Medicine Annual Meeting, Phoenix, AZ; May 15, 2024.
6. Oh, L, Nix, K, Helland, G, **Guttman, J**, Leumas, J, Sethi, S, Joshi, G, Hoff, C, Lairer, J, Sciarretta, J, Moran, T, Rupp, J, Wright, DW, "BEFAST (Bubble-Enhanced FAST) for the Evaluation of Solid Organ Injury in Hemodynamically Stable Blunt Abdominal Trauma," (Oral Presentation), Military Health System Research Symposium (MHSRS), Kissimmee, FL, 2024
7. Oh L, Joshi G, Hoff CN, Nix K, Helland G, **Guttman J**, Leumas J, Sethi S, Lairer J, Moran TP, Rupp J, Wright DW. Interrater Reliability of Emergency Physicians and Radiologists in the Interpretation of Contrast-Enhanced FAST Exam for

Hemodynamically Stable Blunt Abdominal Trauma. (Oral Presentation) American Institute for Ultrasound in Medicine Annual Convention , Orlando, FL, 2025

8. Oh L, Nix K, Helland G, **Guttman J**, Leumas J, Sethi S, Joshi G, Hoff C, Lairet J, Sciarretta J, Moran T, Rupp J, Wright DW. BEFAST (Bubble-Enhanced FAST) for the Evaluation of Solid Organ Injury in Hemodynamically Stable Blunt Abdominal Trauma (Oral Presentation), American Institute for Ultrasound in Medicine Annual Convention, Orlando, FL, 2025

25. Research Focus:

My research is focused on new and expanding applications for point-of-care ultrasound and the use of point-of-care ultrasound in medical education.

26. Grant Support:

a. Active support

i. Federally funded

1. Co-Investigator, Grady Memorial Hospital, "BEFAST (Bubble-Enhanced FAST) for the Evaluation of Solid Organ Injury in Hemodynamically Stable Blunt Abdominal Trauma," Department of Defense, Annual Direct Costs: \$213 000, September 2021-October 2023, Support: 1%

ii. Previous Support:

1. PI, Validation of Clinical Prediction Rule for Chest Radiography in Emergency Department Patients with Chest Pain and Possible Acute Coronary Syndrome, McGill Emergency Medicine Resident Research Grant, \$1200, 2011

27. Bibliography:

a. Published and Accepted Research Articles (clinical, basic science, other) in Refereed Journals:

1. **Guttman J**, Stone M, Kimberly H, Rempell J. Point of care ultrasound in the diagnosis of small bowel obstruction in the Emergency Department CJEM 2015 Mar;17(2):206-9.
2. Bellapu S, **Guttman J**. Use of Point of Care Ultrasound for the diagnosis of ovarian hyperstimulation syndrome. J Emerg Med. 2017 Apr;52(4):e101-e104. doi: 10.1016/j.jemermed.2016.11.026. Epub 2016 Dec 18.
3. Schnapp B, Cassara M, Fisher J, **Guttman J**, Kayden S, Kivlehan SM, Kuzel AR, Reznick MA, Schertzer K, Sun W, Rathlev N. From Intern to "Accepted": A Guide to Preparing for Fellowship in Emergency Medicine. AEM Educ Train. 2022 Jun 23;6(Suppl 1):S23-S31. doi: 10.1002/aet2.10751. eCollection 2022 Jun.
4. Meyer HM, **Guttman J**. Point-of-Care Ultrasound in the Diagnosis of Venous Thoracic Outlet Syndrome. J Emerg Med. 2022 Dec;63(6):772-776. doi: 10.1016/j.jemermed.2022.09.003. Epub 2022 Nov 8. PMID: 36369120.

5. Krol K, Chen Y, Morales Sierra MO, Nasir R, Mahabir N, Iyeke L, Jordan L, Shah T, Burke K, Friedman M, Dexeus D, Mihailos A, Richman M, **Guttman J**. (March 18, 2024) Integrating Pre-test Probability and Point-of-Care Ultrasound (POCUS) in the Emergency Department (ED) Diagnosis of Small Bowel Obstruction (SBO). *Cureus* 16(3): e56397. doi:10.7759/cureus.56397
6. Bakhribah A, Leumas J, Helland G, **Guttman J**, Arfaj Y, Alharbi R, Bakhsh A. How many is enough? Measuring the number of FAST exams needed by emergency medicine trainees to reach competence. *Int J Emerg Med*. 2024 Nov 4;17(1):168. doi: 10.1186/s12245-024-00742-x. PMID: 39491007; PMCID: PMC11533274.

b. Review Articles:

1. **Guttman J**, Dankoff J. Critical Predictors of Pulmonary Embolism. *CJEM* 2012; 14(2):120-123
2. **Guttman J**, Nelson BP Diagnostic Emergency Ultrasound: Assessment Techniques in The Pediatric Patient. *Pediatr Emerg Med Pract*. 2016 Jan;12(12):1-28. Epub 2016 Jan 2.
3. **Guttman J**, Davis, F. Review of Inflammatory Bowel Diseases. In: Brown D, editor. *Scientific American Emergency Medicine*. Hamilton (ON): Decker Intellectual Properties; July 2016 DOI 10.2310/7900.4069 (accessed July 6 2016)
4. **Guttman J**, Nelson BP. Diagnostic point-of-care ultrasound: assessment techniques for the pediatric trauma patient. *Pediatric Emergency Medicine Practice*. 2019; 16(Suppl 7):1-50.
5. **Guttman, J.** and Shah, L. Why an Ultrasound Fellowship Might Be Right For You. *Common Sense*, 2021; 28(1), pp.37-38.
6. Myers M and **Guttman J**. PA and NP Use of POCUS in the ED. *Common Sense*, 2022; 29(6), p 27.
7. **Guttman J**, Chavda Y. Is POCUS a Procedure or an Extension of the Physical Exam? *Experts Debate. Common Sense*, 2023; 30(1), pp 34-35
8. **Guttman J**. Addressing POCUS Workflow in the ED. *Common Sense*, 2024 31(5), pp 30-31

c. Symposium Contributions

1. **Guttman J**. Interactive Online Lung Point-of-Care Ultrasound Course. ACEP Research Forum, ELECTR NETWORK, 26 Oct 2020 - 29 Oct 2020. *Annals of Emergency Medicine*. Mosby-Elsevier. 76: S95-S95. 01 Oct 2020

d. Book Chapters:

1. **Guttman J**. Nausea and Vomiting. in: Walls RM, Hockberger RS, Gausche-Hill M, editors. *Rosen's Emergency Medicine- Concepts and Clinical Practice*, 9th ed. New York: Elsevier, 2017, pp 230-241

2. **Guttman J.** The RUSH exam in: Lewiss RE, Jones RA, Strony RJ, editors. *Practical Guide to Critical Ultrasound*. Dallas: American College of Emergency Physicians, 2018, pp 203-207
 3. Nelson B, **Guttman J**, Spinner D. Musculoskeletal Procedures in: Blaivas M, Adhikari I, editors. *The Ultimate Guide to Point of Care Ultrasound Guided procedures*. Springer. 2019, pp 115-138
 4. **Guttman J.** Nausea and Vomiting. in: Walls RM, Hockberger RS, Gausche-Hill M, Erickson TB, Wilcox SR, editors. *Rosen's Emergency Medicine- Concepts and Clinical Practice*, 10th ed. New York: Elsevier, 2022, pp 227-239
 5. **Guttman J**, Blum E. Organizations with an Emergency Medicine Focus: ACEP, AAEM, SAEM, CORD and EMRA. In: Olympia, RP, Barral Worley E, Lubin JS, Yoon-Flannery K, editors. *An Emergency Physician's Path- What to Expect After an Emergency Medicine Residency*. Springer. 2023, pp 637-645
 6. **Guttman J.** Hyperviscosity Syndrome. In: Schaidler JJ, Wolfe RE, Barkin RM, Barkin AZ, Hayden SR, Shayne P, Nordquist E, Doodlesack A, Nelson M, Halford Z, eds. *Rosen and Barkin's 5-minute Emergency Medicine Consult*. 7th ed. Wolters Kluwer; *in press*.
 7. Bishop ES, **Guttman J**, Fransman R. The Surgeon's Use of Ultrasound in the Trauma and Critical Care Settings. In: Cameron JL and Cameron AM editors. *Current Surgical Therapy*. 15th ed. New York: Elsevier, 2026, pp 1162-1171
 8. **Guttman J.** Nausea and Vomiting. in: Walls RM, Hockberger RS, Gausche-Hill M, Erickson TB, Wilcox SR, editors. *Rosen's Emergency Medicine- Concepts and Clinical Practice*, 11th ed. New York: Elsevier: *In press*
- e. Manuals, Videos, Computer Programs, and Other Teaching Aids:
- Video manuals for Grady emergency physicians on point-of-care ultrasound workflow, 2019
- f. Online publications:
1. **Guttman J.** Review of Emergency Clinician–Performed Compression Ultrasonography for Deep Venous Thrombosis of the Lower Extremity. *EMsono*. Sept 13 2012. Web <http://www.emsono.com/blog>
 2. [s/journalclub/archive/2012/09/13/emergency-clinician-performed-compression-ultrasonography-for-deep-venous-thrombosis-of-the-lower-extremity.aspx](http://www.emsono.com/blog/s/journalclub/archive/2012/09/13/emergency-clinician-performed-compression-ultrasonography-for-deep-venous-thrombosis-of-the-lower-extremity.aspx)
 3. **Guttman J.** A case of asymmetric gallbladder wall thickening on ultrasound. Sept 2 2015, available at <http://theempulse.org/a-case-of-asymmetric-gallbladder-wall-thickening/>
 4. **Guttman J.** A case of Achilles tendon rupture on ultrasound. Sept 10 2015, available at <http://theempulse.org/achilles-tendon-rupture-by-dr-joshua-guttman/>
 5. **Guttman J.** Ultrasound guided posterior nerve block. Oct 15 2015, available at <http://theempulse.org/posterior-tibial-nerve-block/>

6. **Guttman J.** Thoracentesis- No X-Ray required! Nov 18 2015, available at <http://theempulse.org/thoracentesis-no-x-ray-required/>
7. **Guttman J.** Fournier Gangrene on Bedside Ultrasound. Dec 13 2016 available at <http://theempulse.org/fournier-gangrene-bedside-ultrasound/>
8. Carbone K, **Guttman J.** Twinkle Twinkle Little Stone. Dec 22 2016, available at <http://theempulse.org/twinkle-artifact-kidney-stone-ultrasound/>
9. **Guttman J.** Top 10 Reasons for Reimbursement Denials. May 27 2024, available at <https://peachtreepocus.com/blog/f/top-10-reasons-for-reimbursement-denials>
10. **Guttman J.** Medical Necessity: Document Clearly, Get Reimbursed. June 10 2024, available at <https://peachtreepocus.com/blog/f/medical-necessitydocument-clearly-and-get-reimbursed>
11. **Guttman J.** Enhancing POCUS Workflow in the ED. June 24 2024, available at <https://peachtreepocus.com/blog/f/from-hesitation-to-action-enhancing-pocus-workflow-in-the-ed>
12. **Guttman J.** Achieving Top-Box Patient Satisfaction Through Top-Box Patient Care. July 5 2024, available at <https://epmonthly.com/article/achieving-top-box-patient-satisfaction-through-top-box-patient-care/>
13. **Guttman J.** E-FAST: The 3 for 1 POCUS Exam. Know How to get Fully Reimbursed! July 22, 2024, available at <https://peachtreepocus.com/blog/f/e-fast-the-3-for-1-pocus-exam-know-how-to-get-fully-reimbursed>
14. **Guttman J.** POCUS and Malpractice: Separating Fact from Fear. Medpage today, August 3 2024, available at: <https://www.medpagetoday.com/opinion/second-opinions/111350>
15. **Guttman J.** Mastering POCUS Workflow: From Bedside to Billing. August 5 2024, available at: <https://peachtreepocus.com/blog/f/mastering-pocus-workflow-from-bedside-to-billing>
16. **Guttman J.** Save That POCUS Scan! August 20, 2024. Available at: https://journals.lww.com/em-news/fulltext/2024/08201/save_that_pocus_scan_.1.aspx
17. **Guttman J.** A Primer on POCUS Billing-Part 1. September 3, 2024, Available at: <https://peachtreepocus.com/blog/f/a-primer-on-pocus-billing-part-1>
18. **Guttman J.** A Primer on POCUS Billing-Part 2. September 16, 2024, Available at: <https://peachtreepocus.com/blog/f/a-primer-on-pocus-billing---part-2>
19. **Guttman J.** A Primer on POCUS Billing- Part 3. September 30, 2024. Available at: <https://peachtreepocus.com/blog/f/a-primer-on-pocus-billing-part-3>
20. **Guttman J.** Should I Get a Handheld Ultrasound? Medpage Today. November 10, 2024, Available at: <https://www.medpagetoday.com/opinion/second-opinions/112804>
21. **Guttman J.** The Danger of Labels: How 'Formal Ultrasound' hurts POCUS.

- December 3, 2024, Available at: <https://peachtreepocus.com/blog/f/the-danger-of-labels-how-formal-ultrasound-hurts-pocus>
22. **Guttman J.** POCUS Credentialing, part 1: Why It's Harder Than You Think. December 23, 2024, Available at: <https://peachtreepocus.com/blog/f/pocus-credentialing-part-1-why-it%E2%80%99s-harder-than-you-think>
 23. **Guttman J.** POCUS Credentialing, part 2: There's More Than One Way. January 9, 2025. Available at: <https://peachtreepocus.com/blog/f/pocus-credentialing-part-2-there%E2%80%99s-more-than-one-way>
 24. **Guttman J.** POCUS: Physical Exam or Procedure? The Ongoing Debate. February 6, 2025. Available at: <https://peachtreepocus.com/blog/f/pocus-physical-exam-or-procedure-the-ongoing-debate>
 25. **Guttman J.** Selecting a POCUS Machine: Key Factors Every Buyer Should Know. March 18, 2025. Available at: <https://peachtreepocus.com/blog/f/selecting-pocus-machines-key-factors-every-buyer-should-consider>
 26. **Guttman J.** Middleware Matters: Picking the Right POCUS Manager. April 11, 2025. Available at: <https://peachtreepocus.com/blog/f/middleware-matters-picking-the-right-pocus-manager-for-seamless>
 27. **Guttman J.** Billing Resident POCUS Exams: What you need to know. May 27, 2025. Available at: <https://peachtreepocus.com/blog/f/billing-resident-point-of-care-ultrasound-exams-what-you-need-to>
 28. **Guttman J.** Clean Probes, Clear Policies: POCUS Safety First. June 25, 2025. Available at: <https://peachtreepocus.com/blog/f/clean-probes-clear-policies-pocus-safety-first>
 29. **Guttman J.** Stark Law and Physician Owned POCUS: Risk or Myth?. July 21, 2025. Available at: <https://peachtreepocus.com/blog/f/stark-law-and-physician-owned-pocus-risk-or-myth>
 30. **Guttman J.** From Burnout to Building Something New: My Journey to Becoming a Physician Entrepreneur. Invited Opinion Piece for OffCall, August 13, 2025. Available at: <https://www.offcall.com/learn/opinions/from-burnout-to-building-something-new-my-journey-to-becoming-a-physician-entrepreneu>
 31. **Guttman J.** Why AI will define the next generation of POCUS. Medpage Today. September 8, 2025. Available at: <https://www.medpagetoday.com/opinion/second-opinions/117358?trw=no>
 32. **Guttman J.** POCUS Quality Assurance: Skills, Safety and Growth, November 3, 2025, Available at: <https://peachtreepocus.com/blog/f/pocus-quality-assurance-skills-safety-and-growth>
 33. **Guttman J.** AI in POCUS: An Overview of Current Billing and Reimbursement, January 5, 2026, Available at: <https://peachtreepocus.com/blog/f/ai-in-pocus-an-overview-of-the-current-billing-and-reimbursement>

g. Other Publications:

1. Chen Y-R, Morales Sierra M, Nasir R, Mahabir N, Iyeke M, Jordan L, Shah T, Burke K, Friedman M, Dexeus D, Mihailos A, Richman M, **Guttman J**. Does Emergency Department point-of-care ultrasound in the evaluation of possible small bowel obstruction lead to meaningful improvements in patient-centric milestones? medRxiv. 2024.07.01.24309689; doi: <https://doi.org/10.1101/2024.07.01.24309689>.

28. Contributions Not Otherwise Noted:

- a. Contributor, ACEP Ultrasound Section newsletter, 12/2015- present
- b. Question Author for Point of Care Ultrasound, ROSH review question bank, 10/2019-01/2022
- c. Featured Guest, The Ultrasound Gel Podcast, February 12, 2024
- d. Question Author for ACEP PEER+ Point-of-care Ultrasound Advanced Emergency Medicine Ultrasound Focused Practice Designation Exam, 6/2025-present
- e. Featured Guest, The Healthcare Thought Leadership LinkedIn Live Show: The Power of POCUS for your patients and practice, July 8, 2025
- f. Featured Guest, The Trauma Safe Lab Podcast, September 29, 2025
- g. Featured Guest, Wantrepreneur to Entrepreneur Podcast, January 15, 2025