

**Massachusetts General Hospital Department of Emergency Medicine  
Quarterly Faculty Publication List  
July-September 2019**

1. Missed diagnosis of cancer in primary care: Insights from malpractice claims data. **Aaronson EL**, Quinn GR, Wong CI, Murray AM, Petty CR, Einbinder J, Schiff GD. J Healthc Risk Manag. doi: 10.1002/jhrm.21385. Epub 2019 Jul 23.
2. Unscheduled return visits to the emergency department with ICU admission: A trigger tool for diagnostic error. **Aaronson E, Jansson P, Wittbold K**, Flavin S, **Borcuk P**. Am J Emerg Med. 2019 Sep 6. pii: S0735-6757(19)30579-0. doi: 10.1016/j.ajem.2019.158430.
3. Emergency department visits by patients with an internal medicine specialist: understanding the role of specialists in reducing ED crowding. **Aaronson EL**, Kim J, Hard GA, **Yun BJ**, Kaafarani HMA, Rao SK, Weilburg JB, **Lee J**. Intern Emerg Med. 2019 Aug;14(5):777-782. doi: 10.1007/s11739-019-02051-1.
4. Goals-of-Care Conversations for Older Adults With Serious Illness in the Emergency Department: Challenges and Opportunities. Ouchi K, George N, Schuur JD, **Aaronson EL**, Lindvall C, Bernstein E, Sudore RL, Schonberg MA, Block SD, Tulskey JA. Ann Emerg Med. 2019 Aug;74(2):276-284. doi: 10.1016/j.annemergmed.2019.01.003.
5. Impact of a Multidisciplinary Treatment Pathway for Atrial Fibrillation in the Emergency Department on Hospital Admissions and Length of Stay: Results of a Multi-Center Study. Ptaszek LM, Baugh CW, Lubitz SA, Ruskin JN, Ha G, Forsch M, DeOliveira SA, Baig S, Heist EK, Wasfy JH, **Brown DF, Biddinger PD, Raja AS**, Scirica B, **White BA**, Mansour M. J Am Heart Assoc. 2019 Sep 17;8(18):e012656. 10.1161/JAHA.119.012656.
6. Processed Meat Intake and Risk of Chronic Obstructive Pulmonary Disease among Middle-aged Women. Varraso R, Dumas O, Boggs KM, Willett WC, Speizer FE, **Camargo CA Jr**. EClinicalMedicine. 2019 Aug 3;14:88-95. doi: 10.1016/j.eclinm.2019.07.014.
7. A weighty matter: Obtaining and documenting pediatric weight in the emergency department. Foster AA, Petrack EM, Boggs KM, Sullivan AF, **Camargo CA Jr**, Li J. Am J Emerg Med. 2019 Sep 5:158425. doi: 10.1016/j.ajem.2019.158425.
8. Making Triage Decisions for the Acute Community Care Program: Paramedics Caring for Urgent Health Problems in Patients' Homes. Iezzoni LI, Kothari D, **Camargo CA Jr**, Wint AJ, Cluett WS 3rd, Tripodis Y, Palmisano J. Am J Med Qual. 2019 Jul/Aug;34(4):331-338. doi: 10.1177/1062860618800582.
9. Prenatal exposure to acid-suppressant medications and the risk of recurrent wheeze at 3 years of age in children with a history of severe bronchiolitis. Robinson LB, Chen Arroyo

AJ, Dantas MAS, Espinola JA, Sullivan AF, **Camargo CA Jr.** J Allergy Clin Immunol Pract. 2019 Sep - Oct;7(7):2422-2424.e4. doi: 10.1016/j.jaip.2019.02.039.

10. Changes in Emergency Department Concordance with Guidelines for the Management of Food-Induced Anaphylaxis: 1999-2001 versus 2013-2015. Clark S, Boggs KM, Balekian DS, **Hasegawa K**, Vo P, Rowe BH, **Camargo CA Jr.**; MARC-38 Investigators. J Allergy Clin Immunol Pract. 2019 Sep - Oct;7(7):2262-2269. doi: 10.1016/j.jaip.2019.04.004.
11. Frequent emergency department use and mortality in patients with substance and opioid use in Alberta: A population-based retrospective cohort study. Moe J, **Camargo CA**, Davis RB, Jelinski S, Rowe BH. CJEM. 2019 Jul;21(4):482-491. doi: 10.1017/cem.2019.15.
12. Novel dietary risk factors for asthma. Varraso R, **Camargo CA Jr.** Expert Rev Respir Med. 2019 Aug;13(8):695-698. doi: 10.1080/17476348.2019.1626721.
13. Solar radiation, air pollution, and bronchiolitis hospitalizations in Chile: An ecological study. Terrazas C, Castro-Rodriguez JA, **Camargo CA Jr.**, Borzutzky A. Pediatr Pulmonol. 2019 Sep;54(9):1466-1473. doi: 10.1002/ppul.24421.
14. Association of Serum Albumin With Apnea in Infants With Bronchiolitis: A Secondary Analysis of Data From the MARC-35 Study. Mansbach JM, Geller RJ, **Hasegawa K**, Espinola JA, Stevenson MD, Sullivan AF, **Camargo CA Jr.** JAMA Netw Open. 2019 Jul 3;2(7):e197100. doi: 10.1001/jamanetworkopen.2019.7100.
15. Effect of monthly high-dose vitamin D supplementation on acute respiratory infections in older adults: A randomized controlled trial. **Camargo CA**, Sluyter J, Stewart AW, Khaw KT, Lawes CMM, Toop L, Waayer D, Scragg R. Clin Infect Dis. 2019 Aug 17. pii: ciz801. doi: 10.1093/cid/ciz801.
16. Screening and Intervention for Suicide Prevention: A Cost-Effectiveness Analysis of the ED-SAFE Interventions. Dunlap LJ, Orme S, Zarkin GA, Arias SA, Miller IW, **Camargo CA Jr.**, Sullivan AF, Allen MH, Goldstein AB, Manton AP, Clark R, Boudreaux ED. Psychiatr Serv. 2019 Aug 27. doi: 10.1176/appi.ps.201800445.
17. Antibiotic Delays and Feasibility of a 1-Hour-From-Triage Antibiotic Requirement: Analysis of an Emergency Department Sepsis Quality Improvement Database. **Filbin MR**, Thorsen JE, Zachary TM, Lynch JC, Matsushima M, Belsky JB, Heldt T, **Reisner AT**. Ann Emerg Med. 2019 Sep 24. pii: S0196-0644(19)30593-1. doi: 10.1016/j.annemergmed.2019.07.017.
18. Long-term Host Immune Response Trajectories Among Hospitalized Patients With Sepsis. Yende S, Kellum JA, Talisa VB, Peck Palmer OM, Chang CH, **Filbin MR**, Shapiro NI, Hou PC, Venkat A, LoVecchio F, Hawkins K, Crouser ED, Newman AB, Angus DC. JAMA Netw Open. 2019 Aug 2;2(8):e198686. doi: 10.1001/jamanetworkopen.2019.8686.

19. Effect of Recombinant Activated Coagulation Factor VII on Hemorrhage Expansion Among Patients With Spot Sign-Positive Acute Intracerebral Hemorrhage: The SPOTLIGHT and STOP-IT Randomized Clinical Trials. Gladstone DJ, Aviv RI, Demchuk AM, Hill MD, Thorpe KE, Houry JC, Sucharew HJ, Al-Ajlan F, Butcher K, Dowlatshahi D, Gubitz G, De Masi S, Hall J, Gregg D, Mamdani M, Shamy M, Swartz RH, Del Campo CM, Cucchiara B, Panagos P, **Goldstein JN**, Carrozzella J, Jauch EC, Broderick JP, Flaherty ML; SPOTLIGHT and STOP-IT Investigators and Coordinators. *JAMA Neurol.* 2019 Aug 19. doi: 10.1001/jamaneurol.2019.2636.
20. Standards for Detecting, Interpreting, and Reporting Noncontrast Computed Tomographic Markers of Intracerebral Hemorrhage Expansion. Morotti A, Boulouis G, Dowlatshahi D, Li Q, Barras CD, Delcourt C, Yu Z, Zheng J, Zhou Z, Aviv RI, Shoamanesh A, Sporns PB, Rosand J, Greenberg SM, Al-Shahi Salman R, Qureshi AI, Demchuk AM, Anderson CS, **Goldstein JN**, Charidimou A; International NCCT ICH Study Group. *Ann Neurol.* doi: 10.1002/ana.25563. Epub 2019 Aug 24.
21. Respiratory Virus Epidemiology Among US Infants With Severe Bronchiolitis: Analysis of 2 Multicenter, Multiyear Cohort Studies. **Hasegawa K**, Goto T, Hirayama A, Laham FR, Mansbach JM, Piedra PA, **Camargo CA Jr.** *Pediatr Infect Dis J.* 2019 Aug;38(8):e180-e183. doi: 10.1097/INF.0000000000002279.
22. A Tripartite Microbial-Environment Network Indicates How Crucial Microbes Influence the Microbial Community Ecology. Tang Y, Dai T, Su Z, **Hasegawa K**, Tian J, Chen L, Wen D. *Microb Ecol.* 2019 Aug 19. doi: 10.1007/s00248-019-01421-8.
23. Risk of Acute Myocardial Infarction and Ischemic Stroke in Patients with Asthma Exacerbation: A Population-Based, Self-Controlled Case Series Study. Raita Y, **Camargo CA Jr.**, Faridi MK, **Brown DFM**, Shimada YJ, **Hasegawa K.** *J Allergy Clin Immunol Pract.* 2019 Jul 16. pii: S2213-2198(19)30617-8. doi: 10.1016/j.jaip.2019.06.043.
24. Application of Proteomics Profiling for Biomarker Discovery in Hypertrophic Cardiomyopathy. Shimada YJ, **Hasegawa K**, Kochav SM, Mohajer P, Jung J, Maurer MS, Reilly MP, Fifer MA. *J Cardiovasc Transl Res.* 2019 Jul 5. doi: 10.1007/s12265-019-09896-z.
25. Association of type 2 cytokines in severe rhinovirus bronchiolitis during infancy with risk of developing asthma: A multicenter prospective study. **Hasegawa K**, Hoptay CE, Harmon B, Celedón JC, Mansbach JM, Piedra PA, Freishtat RJ, **Camargo CA Jr.** *Allergy.* 2019 Jul;74(7):1374-1377. doi: 10.1111/all.13723.
26. Reduced-dose intramuscular ketamine for severe agitation in an academic emergency department. O'Brien ME, Fuh L, **Raja AS**, **White BA**, **Yun BJ**, **Hayes BD.** *Clin Toxicol (Phila).* 2019 Jul 23:1-5. doi: 10.1080/15563650.2019.1643468.

27. Managing Delirium and Agitation in the Older Emergency Department Patient: The ADEPT Tool. Shenvi C, **Kennedy M**, Austin CA, Wilson MP, Gerardi M, Schneider S. Ann Emerg Med. 2019 Sep 26. pii: S0196-0644(19)30609-2. doi: 10.1016/j.annemergmed.2019.07.023.
28. Dyspnea in an Otherwise Healthy 18-year-old: The Importance of Point-of-care Ultrasonography. Cleveland Manchanda EC, **Kharasch SJ, Liteplo AS**. Clin Pract Cases Emerg Med. 2019 Jul 1;3(3):271-274.
29. Get Waivered: A Resident-Driven Campaign to Address the Opioid Overdose Crisis. **Martin A**, Kunzler N, Nakagawa J, Lee B, Wakeman S, Weiner S, **Raja AS**. Ann Emerg Med. doi: 10.1016/j.annemergmed.2019.04.035. Epub 2019 Jul 2.
30. Developing and Testing a Chart Abstraction Tool for ICU Quality Measurement. **Lee J**, Austin JM, Kim J, Miralles PD, Kaafarani HMA, Pronovost PJ, Ghimire V, Berenholtz SM, Donelan K, Martinez E. Am J Med Qual. 2019 Jul/Aug;34(4):324-330. doi: 10.1177/1062860618800596.
31. Faculty opinions concerning ultrasound utilization in the emergency department. Graglia S, **Huang C, Shokoohi H, Liteplo AS**. Am J Emerg Med. 2019 Jul;37(7):1372-1374. doi: 10.1016/j.ajem.2018.12.021.
32. Increased Sensitivity of Focused Cardiac Ultrasound for Pulmonary Embolism in Emergency Department Patients With Abnormal Vital Signs. Daley JI, Dwyer KH, Grunwald Z, Shaw DL, Stone MB, Schick A, Vrablik M, Kennedy Hall M, Hall J, **Liteplo AS**, Haney RM, Hun N, Liu R, Moore CL. Acad Emerg Med. 2019 Sep 27. doi: 10.1111/acem.13774.
33. Abdominal Pain After a Tick Bite. **Monette DL, Miller ES, Zachary KC, Wittels K, Wilcox SR**. J Emerg Med. 2019 Aug 31. pii: S0736-4679(19)30480-9. doi: 10.1016/j.jemermed.2019.06.019.
34. Preventive Management of Nonobstructive CAD After Coronary CT Angiography in the Emergency Department. Honigberg MC, Lander BS, Baliyan V, Jones-O'Connor M, Healy EW, Scholtz JE, **Nagurney JT**, Hoffmann U, Ghoshhajra BB, Natarajan P. JACC Cardiovasc Imaging. 2019 Jul 11. pii: S1936-878X(19)30546-7. doi: 10.1016/j.jcmg.2019.04.021.
35. Non-invasive fractional flow reserve derived from coronary computed tomography angiography in patients with acute chest pain: Subgroup analysis of the ROMICAT II trial. Ferencik M, Lu MT, Mayrhofer T, Puchner SB, Liu T, Maurovich-Horvat P, Ghemigian K, Ivanov A, Adami E, **Nagurney JT**, Woodard PK, Truong QA, Udelson JE, Hoffmann U. J Cardiovasc Comput Tomogr. 2019 Jul - Aug;13(4):196-202. doi: 10.1016/j.jcct.2019.05.009.

36. Copeptin to rule out myocardial infarction in Blacks versus Caucasians. Beri N, Daniels LB, Jaffe A, Mueller C, Anand I, Peacock WF, Hollander JE, DeFilippi C, Schreiber D, McCord J, Limkakeng AT, Wu AHB, Apple FS, Diercks DB, **Nagurney JT**, Nowak RM, Cannon CM, Clopton P, Neath SX, Christenson RH, Hogan C, Vilke G, Maisel A. *Eur Heart J Acute Cardiovasc Care.* 2019 Aug;8(5):395-403. doi: 10.1177/2048872618772500.
37. Use of Imaging in the Emergency Department: Do Individual Physicians Contribute to Variation? Valtchinov VI, Ip IK, Khorasani R, Schuur JD, Zurakowski D, **Lee J, Raja AS.** *AJR Am J Roentgenol.* 2019 Sep;213(3):637-643. doi: 10.2214/AJR.18.21065.
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39. Climate change threatens the achievement of effective universal healthcare. **Salas RN,** Jha AK. *BMJ.* 2019 Sep 23;366:l5302. doi: 10.1136/bmj.l5302.
40. Prioritizing Health in a Changing Climate. **Salas RN,** Malina D, Solomon CG. *N Engl J Med.* 2019 Aug 22;381(8):773-774. doi: 10.1056/NEJMe1909957.
41. The Climate Crisis - Health and Care Delivery. **Salas RN,** Solomon CG. *N Engl J Med.* 2019 Aug 22;381(8):e13. doi: 10.1056/NEJMp1906035.
42. Climate Change and Health: An Urgent Call to Academic Emergency Medicine. **Salas RN, Slutzman JE,** Sorensen C, Lemery J, Hess JJ. *Acad Emerg Med.* 2019 Jul;26(7):837-840. doi: 10.1111/acem.13657.
43. Enhanced Point-of-Care Ultrasound Applications by Integrating Automated Feature-Learning Systems Using Deep Learning. **Shokoohi H,** LeSaux MA, Roohani YH, **Liteplo A, Huang C,** Blaivas M. *J Ultrasound Med.* 2019 Jul;38(7):1887-1897. doi: 10.1002/jum.14860.
44. Diagnostic Accuracy and Time-Saving Effects of Point-of-Care Ultrasonography in Patients With Small Bowel Obstruction: A Prospective Study. Boniface KS, King JB, LeSaux MA, Haciski SC, **Shokoohi H.** *Ann Emerg Med.* 2019 Jul 23. pii: S0196-0644(19)30443-3. doi: 10.1016/j.annemergmed.2019.05.031.
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46. The Utility and Survivorship of Peripheral Intravenous Catheters Inserted in the Emergency Department. **Shokoohi H,** Boniface KS, Kulie P, Long A, McCarthy M. *Ann Emerg Med.* 2019 Sep;74(3):381-390. doi: 10.1016/j.annemergmed.2019.02.003.

47. A Conceptual Model for Emergency Department Patient Experience. **Sonis JD, Aaronson EL, Castagna A, White B.** J Patient Exp. 2019 Sep;6(3):173-178. doi: 10.1177/2374373518795415. Epub 2018 Aug 21.
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52. Impact of Urgent Care Openings on Emergency Department Visits to Two Academic Medical Centers Within an Integrated Health Care System. Carlson LC, **Raja AS, Dworkis DA, Lee J, Brown DFM, Samuels-Kalow M, Wilson M, Shapiro M, Kim J, Yun BJ.** Ann Emerg Med. 2019 Sep 9. pii: S0196-0644(19)30534-7. doi: 10.1016/j.annemergmed.2019.06.024.
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