

**Massachusetts General Hospital Department of Emergency Medicine  
Quarterly Faculty Publication List  
January-March 2020**

1. Using Design Thinking to Improve Patient-Provider Communication in the Emergency Department. **Aaronson EL, White BA, Black L, Sonis JD, Mort EA.** Qual Manag Health Care. 2020 Jan/Mar;29(1):30-34.
2. Novel Coronavirus and Old Lessons - Preparing the Health System for the Pandemic. Hick JL, **Biddinger PD.** N Engl J Med. 2020 Mar 25.
3. Postpartum hemorrhage care bundles to improve adherence to guidelines: A WHO technical consultation. Alhabe F, ... Lumbiganon P, **Burke TF,** Miller S. Int J Gynaecol Obstet. 2020 Mar;148(3):290-299.
4. Condom-catheter uterine balloon tamponade is as efficacious and safe as Bakri balloon for treating postpartum hemorrhage. Conde-Agudelo A, Suarez S, **Burke TF.** Am J Obstet Gynecol. 2020 Feb 25.
5. A condom uterine balloon device among referral facilities in Dar Es Salaam: an assessment of perceptions, barriers and facilitators one year after implementation. Adegoke O, Danso-Bamfo S, Sheehy M, Tarimo V, **Burke TF,** Garg LF. BMC Pregnancy Childbirth. 2020 Jan 13;20(1):34.
6. Obesity, sedentary lifestyle, and exhaled nitric oxide in an early adolescent cohort. Flashner BM, Rifas-Shiman SL, Oken E, **Camargo CA,** Platts-Mills TJ, Workman L, Litonjua AA, Gold DR, Rice MB. Pediatr Pulmonol. 2020 Feb;55(2):503-509.
7. Racial, ethnic, and socioeconomic differences in adolescent food allergy. Coulson E, Rifas-Shiman SL, Sordillo J, Bunyavanich S, **Camargo CA Jr,** Platts-Mills TAE, Coull BA, Luttmann-Gibson H, Oken E, Gold DR, Rice MB. J Allergy Clin Immunol Pract. 2020 Jan;8(1):336-338.e3.
8. Occupational exposure to disinfectants and asthma incidence in U.S. nurses: A prospective cohort study. Dumas O, Boggs KM, Quinot C, Varraso R, Zock JP, Henneberger PK, Speizer FE, Le Moual N, **Camargo CA Jr.** Am J Ind Med. 2020 Jan;63(1):44-50.
9. Increased Moraxella and Streptococcus species abundance after severe bronchiolitis is associated with recurrent wheezing. Mansbach JM, Luna PN, Shaw CA, **Hasegawa K,** Petrosino JF, Piedra PA, Sullivan AF, Espinola JA, Stewart CJ, **Camargo CA Jr.** J Allergy Clin Immunol. 2020 Feb;145(2):518-527.e8.
10. Shared genetic and experimental links between obesity-related traits and asthma subtypes in UK Biobank. Zhu Z, Guo Y, Shi H, Liu CL, Panganiban RA, Chung W, O'Connor LJ,

Himes BE, Gazal S, **Hasegawa K, Camargo CA Jr**, Qi L, Moffatt MF, Hu FB, Lu Q, Cookson WOC, Liang L. *J Allergy Clin Immunol*. 2020 Feb;145(2):537-549.

11. Bronchiolitis severity is related to recurrent wheezing by age 3 years in a prospective, multicenter cohort. Mansbach JM, **Hasegawa K**, Geller RJ, Espinola JA, Sullivan AF, **Camargo CA Jr**; MARC-35 Investigators. *Pediatr Res*. 2020 Feb;87(3):428-430.
12. Obesity may enhance the adverse effects of NO<sub>2</sub> exposure in urban schools on asthma symptoms in children. Permaul P, Gaffin JM, Petty CR, Baxi SN, Lai PS, Sheehan WJ, **Camargo CA Jr**, Gold DR, Phipatanakul W. *J Allergy Clin Immunol*. 2020 Mar 18.
13. Antibiotic treatments during infancy, changes in nasal microbiota, and asthma development: Population-based cohort study. Toivonen L, Schuez-Havupalo L, Karppinen S, Waris M, Hoffman KL, **Camargo CA, Hasegawa K**, Peltola V. *Clin Infect Dis*. 2020 Mar 14. pii: ciaa262.
14. Inflammation (IL-1 $\beta$ ) Modifies the Effect of Vitamin D and Omega-3 Long Chain Polyunsaturated Fatty Acids on Core Symptoms of Autism Spectrum Disorder-An Exploratory Pilot Study. Mazahery H, Conlon CA, Beck KL, Mugridge O, Kruger MC, Stonehouse W, **Camargo CA Jr**, Meyer BJ, Tsang B, von Hurst PR. *Nutrients*. 2020 Feb 28;12(3). pii: E661.
15. National Study of Telepsychiatry Use in U.S. Emergency Departments. Freeman RE, Boggs KM, **Zachrisson KS**, Freid RD, Sullivan AF, Espinola JA, **Camargo CA Jr**. *Psychiatr Serv*. 2020 Feb 5.
16. A snapshot of underrepresented physicians 15 years after medical school. Krupat E, **Camargo CA**, Espinola JA, Fleenor TJ, Strewler GJ, Dienstag JL. *Adv Health Sci Educ Theory Pract*. 2020 Jan 25.
17. Association of Repeated Antibiotic Exposure Up to Age 4 Years With Body Mass at Age 4.5 Years. Chelimo C, **Camargo CA Jr**, Morton SMB, Grant CC. *JAMA Netw Open*. 2020 Jan 3;3(1):e1917577.
18. Elevated anti-citrullinated protein antibodies prior to rheumatoid arthritis diagnosis and risks for chronic obstructive pulmonary disease or asthma. Zaccardelli A, Liu X, Ford JA, Cui J, Lu B, Chu SH, Schur PH, Speyer CB, Costenbader KH, Robinson WH, Sokolove J, Karlson EW, **Camargo CA Jr**, Sparks JA. *Arthritis Care Res (Hoboken)*. 2020 Jan 21.
19. Opioid Reflex at Triage Is Not a Solution for Opioid-Naive Patients in Emergency Departments. Lvovschi VE, Dussart C, **Camargo CA Jr**. *Ann Emerg Med*. 2020 Jan;75(1):120-121.
20. Natural Language Processing Combined with ICD-9-CM Codes as a Novel Method to Study the Epidemiology of Allergic Drug Reactions. Banerji A, Lai KH, Li Y, Saff RR,

**Camargo CA Jr**, Blumenthal KG, Zhou L. *J Allergy Clin Immunol Pract.* 2020 Mar;8(3):1032-1038.e1.

21. Assessment of ventilatory function in patients with spinocerebellar ataxia type 2. Mello NM, Zonta MB, Teive HAG, Meira AT, Lopes Neto FDN, Silva JTDSND, **Camargo CHF**, Zeigelboim BS. *Arq Neuropsiquiatr.* 2020 Feb;78(2):96-102.
22. Associations of Prenatal Dietary Inflammatory Potential with Childhood Respiratory Outcomes in Project Viva. Hanson C, Rifas-Shiman SL, Shivappa N, Wirth MD, Hebert JR, Gold D, **Camargo CA Jr**, Sen S, Sordillo JE, Oken E, Litonjua AA. *J Allergy Clin Immunol Pract.* 2020 Mar;8(3):945-952.e4.
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24. Platin risk stratification algorithm with modified intradermal skin test protocol. Levin AS, Slawski B, **Camargo CA Jr**, Banerji A. *J Allergy Clin Immunol Pract.* 2020 Mar;8(3):1139-1141.
25. Rhinovirus Type in Severe Bronchiolitis and the Development of Asthma. Bergroth E, Aakula M, Elenius V, Remes S, Piippo-Savolainen E, Korppi M, Piedra PA, Bochkov YA, Gern JE, **Camargo CA Jr**, Jartti T. *J Allergy Clin Immunol Pract.* 2020 Feb;8(2):588-595.e4.
26. An immune-cell signature of bacterial sepsis. Reyes M, **Filbin MR**, Bhattacharyya RP, Billman K, Eisenhaure T, Hung DT, Levy BD, Baron RM, Blainey PC, Goldberg MB, Hacohen N. *Nat Med.* 2020 Mar;26(3):333-340.
27. 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.* 2020 Jan;75(1):93-99.
28. Intraventricular Hemorrhage Growth: Definition, Prevalence and Association with Hematoma Expansion and Prognosis. Li Q, Li R, Zhao LB, Yang XM, Yang WS, Deng L, Lv XN, Wu GF, Tang ZP, Wei M, Zheng YN, Lv FJ, Sun XC, **Goldstein JN**, Xie P. *Neurocrit Care.* 2020 Mar 26.
29. Convexity subarachnoid hemorrhage in lobar intracerebral hemorrhage: A prognostic marker. Raposo N, Charidimou A, Roongpiboonsopit D, Onyekaba M, Gurol ME, Rosand J, Greenberg SM, **Goldstein JN**, Viswanathan A. *Neurology.* 2020 Mar 3;94(9):e968-e977.
30. White Matter Hyperintensities and Blood Pressure Lowering in Acute Intracerebral Hemorrhage: A Secondary Analysis of the ATACH-2 Trial. Morotti A, Shoamanesh A,

..., **Goldstein JN**; Antihypertensive Treatment of Acute Cerebral Hemorrhage 2 (ATACH-2) and the Neurological Emergencies Treatment Trials (NETT) Network Investigators. *Neurocrit Care*. 2020 Feb;32(1):180-186.

31. Haematoma evacuation in cerebellar intracerebral haemorrhage: systematic review. Singh SD, Brouwers HB, Senff JR, Pasi M, **Goldstein J**, Viswanathan A, Klijn CJM, Rinkel GJE. *J Neurol Neurosurg Psychiatry*. 2020 Jan;91(1):82-87.
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33. In infants with severe bronchiolitis: dual-transcriptomic profiling of nasopharyngeal microbiome and host response. Fujiogi M, **Camargo CA Jr**, Bernot JP, Freishtat RJ, Harmon B, Mansbach JM, Castro-Nallar E, Perez-Losada M, **Hasegawa K**. *Pediatr Res*. 2020 Jan 6.
34. Author Correction: Association of ketamine use with lower risks of post-intubation hypotension in hemodynamically-unstable patients in the emergency department. Ishimaru T, Goto T, Takahashi J, Okamoto H, Hagiwara Y, Watase H, **Hasegawa K**; Japanese Emergency Medicine Network Investigators. *Sci Rep*. 2020 Feb 5;10(1):2208.
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36. Association of obstructive sleep apnea with severity of patients hospitalized for acute asthma. Oka S, Goto T, Hirayama A, Faridi MK, **Camargo CA Jr**, **Hasegawa K**. *Ann Allergy Asthma Immunol*. 2020 Feb;124(2):165-170.e4.
37. 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*. 2020 Jan;8(1):188-194.e8.
38. Pulmonary embolism with clot in transit: An analysis of risk factors and outcomes. Garvey S, Dudzinski DM, Giordano N, Torrey J, Zheng H, **Kabrhel C**. *Thromb Res*. 2020 Mar;187:139-147.
39. Analysis of Partial Thromboplastin Times in Patients With Pulmonary Embolism During the First 48 Hours of Anticoagulation With Unfractionated Heparin. Prucnal CK, Jansson PS, Deadmon E, Rosovsky RP, Zheng H, **Kabrhel C**. *Acad Emerg Med*. 2020 Feb;27(2):117-127.

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41. Concepts in Practice: Geriatric Emergency Departments. Southerland LT, Lo AX, Biese K, Arendts G, Banerjee J, Hwang U, Dresden S, Argento V, **Kennedy M**, Shenvi CL, Carpenter CR. Ann Emerg Med. 2020 Feb;75(2):162-170.
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43. The Use of Point-of-Care Ultrasound to Evaluate Pulsus Paradoxus in Children With Asthma. Kharasch SJ, Jansson P, **Liteplo AS**, Gouker S, Longacre M, **Shokoohi H**, Schleifer J. J Ultrasound Med. 2020 Mar;39(3):625-632.
44. Comparing neighborhood-based indices of socioeconomic risk factors and potentially preventable emergency department utilization. Carlson LC, Kim J, **Samuels-Kalow ME**, **Yun BJ**, Terry DF, Weilburg JB, **Lee J**. Am J Emerg Med. 2020 Mar 26.
45. Association of Hospital Characteristics With Early SEP-1 Performance. Liao J, **Aaronson E**, Kim J, Liu X, Snyderman C, Goldfarb I, Black L, **Filbin M**, Phillips MT, Mort E, **Lee J**. Am J Med Qual. 2020 Mar/Apr;35(2):110-116.
46. Geriatric Emergency Medicine Fellowships: Current State of Specialized Training for Emergency Physicians in Optimizing Care for Older Adults. Rosen T, **Liu SW**, ..., Stern ME; Academy of Geriatric Emergency Medicine. AEM Educ Train. 2020 Jan 21;4(Suppl 1):S122-S129.
47. Woman With Chest Pain, Back Pain, and Cardiac Arrest. Prucnal CK, **Martin AF**, Stoklosa HM, Jansson PS. Ann Emerg Med. 2020 Jan;75(1):e11-e12.
48. 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. 2020 Feb;13(2 Pt 1):437-448.
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53. The Climate Crisis and Clinical Practice. **Salas RN**. N Engl J Med. 2020 Feb 13;382(7):589-591.
54. A Predictive Model for Identification of Children at Risk of Subsequent High-Frequency Utilization of the Emergency Department for Asthma. **Samuels-Kalow ME**, Bryan MW, Sommers MS, Zorc JJ, **Camargo CA Jr**, Mollen C. Pediatr Emerg Care. 2020 Feb;36(2):e85-e89.
55. Emergency Department Clinicians' Attitudes Toward Opioid Use Disorder and Emergency Department-initiated Buprenorphine Treatment: A Mixed-Methods Study. Im DD, Chary A, Condella AL, Vongsachang H, Carlson LC, Vogel L, **Martin A**, Kunzler N, Weiner SG, **Samuels-Kalow M**. West J Emerg Med. 2020 Feb 21;21(2):261-271.
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58. Point-of-care Ultrasound Diagnosis of Bilateral Patellar Tendon Rupture. Ogle K, Mandoorah S, Fellin M, **Shokoohi H**, Probasco W, Boniface K. Clin Pract Cases Emerg Med. 2020 Jan 24;4(1):29-31.
59. Point-of-Care Ultrasound for the Detection of Hip Effusion and Septic Arthritis in Adult Patients With Hip Pain and Negative Initial Imaging. Boniface K, Pyle M, Jaleesah N, **Shokoohi H**. J Emerg Med. 2020 Jan 22.
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69. Extracorporeal Membrane Oxygenation in Transport Part 1: Extracorporeal Membrane Oxygenation Configurations and Physiology. Vieira J, Frakes M, Cohen J, **Wilcox S.** *Air Med J.* 2020 Jan - Feb;39(1):56-63.
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71. Assessment and Optimization of the Empiric Treatment of Urinary Tract Infections in an Academic Emergency Department Observation Unit. Patel SK, Elshaboury RH, Gandhi RG, Hayes BD, **Yun BJ**, Koehl JL. *J Emerg Med.* 2020 Feb;58(2):203-210.
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