



DAVID R. VINSON, MD

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CLINICAL RESEARCH and EMERGENCY MEDICINE

EXPERIENCE

EMERGENCY MEDICINE

Senior Physician, The Permanente Medical Group (TPMG), Roseville, CA 1999-date
Stanislaus Medical Center, Modesto, CA 1993-1996

FAMILY PRACTICE

Stanislaus Medical Center, Modesto, CA 1993-1996

APPOINTMENTS

Physician Researcher Program, Inaugural Class, The Permanente Medical Group 2017-date
Clinical Associate Professor of Clinical Research and Emergency Medicine,
California Northstate University College of Medicine 2017-date
Adjunct Investigator, Kaiser Permanente (KP) Division of Research 2014-date
Co-chair, KP CREST Network 2012-date
Co-founder and Steering Committee, CREST Network 2008-date
Central Research Committee and Local Research Chair, KP Roseville Medical Center 2006-date
Assistant Clinical Professor of Emergency Medicine, UC Davis 1999-date
Assistant Clinical Professor of Family Practice, UC Davis 1995-1996

MEMBERSHIP

Fellow, American Academy of Family Physicians 1996-date
Fellow, American College of Emergency Physicians 2017-date

TRAINING and EDUCATION

UNIVERSITY OF WASHINGTON & MADIGAN ARMY MEDICAL CENTER 1996-1999
Emergency Medicine Residency Program
Tacoma/Seattle, WA

STANISLAUS MEDICAL CENTER 1990-1993
Family Practice Residency Program
Modesto, CA

UNIVERSITY OF CALIFORNIA, DAVIS 1985-1990
School of Medicine, Davis, CA

UNIVERSITY OF CALIFORNIA, BERKELEY 1980-1984
Berkeley, CA; Bachelor of Arts, Physiology

BOARD CERTIFICATION

SPECIALTY CERTIFICATION

- American Board of Family Physicians 1993; 2000; 2007; **2017**
- American Board of Emergency Medicine 2000; **2010**

HONORS, AWARDS and DISTINCTIONS

THE PERMANENTE MEDICAL GROUP

- Morris F. Colten Research Award 2018 (with the KP CREST Network)
- Patient Favorite (top 1% [n=750] on emergency physician patient satisfaction surveys, 2016-2018)
- Innovation in Patient Care Award, Kaiser Permanente Innovation Fund for Technology 2016 (for electronic clinical decision support system)
- Morris F. Colten Research Award 2008 (for telephone management of cystitis)

EMERGENCY MEDICINE RESIDENCY

- Chief Resident, senior year
- Choice Senior Resident, as voted by the emergency nurses and medics
- The Major General Byron L. Steger Research Award (for meritorious service for outstanding performance in the field of clinical research)
- The Wolcott Award (granted to the physician who best combined the roles of clinician and academician)
- High ranking (99th percentile) on the American Board of Emergency Medicine's in-service training exam (junior and senior years)

UNIVERSITY OF CALIFORNIA, DAVIS, MEDICAL SCHOOL

- Morton Levitt Research Award (for preliminary work on the neurotropism of HIV)

UNIVERSITY OF CALIFORNIA, BERKELEY

- Highest Honors (equivalent of Summa Cum Laude; GPA 3.9)
- L. Chaikov Award (Top Graduate, Department of Physiology)
- Several Academic Scholarships
- Phi Beta Kappa
- CAL Marching Band, Percussion

PEER REVIEWER

RECENT JOURNALS (select)

- *The Cochrane Collaboration* (on pulmonary embolism: 2014 and 2018)
- *BMJ* (on migraine treatment)
- *Thorax* (on pulmonary embolism)
- *Ann Emerg Med* (on atrial fibrillation)

MENTORING

Undergraduate Pre-Medical Students (2004-2019)

<https://www.kpcrest.net/mentoring>

- Students from University of California, Davis, Berkeley, and San Diego; California State University, Sacramento; University of Nevada, Reno; University of the Pacific, Stockton

Medical students and residents

- From University of California, Davis; Stanford University; Loma Linda University; Gandhi Medical College and Hospital; California Northstate University School of Medicine

KP DOR Delivery Science Fellowship

<http://www.dor.kaiser.org/external/DORExternal/research/fellowship.html>

EM LITERATURE REVIEW BLOG

Providing highlights of the recent medical literature every 4 weeks or so for EM physicians throughout TPMG, across the regions, and beyond (2005-2019): <http://drvinsonlitbits.blogspot.com/>

RESEARCH PUBLICATIONS

For a topically arranged list with links: <http://medicine.drvinson.net/researcher>
Conference abstracts are not included below if published as full manuscripts.

Current H Index: 24 [Google scholar](#)

2019

- Vinson DR, Mark DG, Ballard DW. Response to “Outpatient management of patients with pulmonary embolism.” *Ann Intern Med.* 2019; in press.
- Le DD, Levis JT, Lugovskaya N, Vinson DR. ECG diagnosis: ibutilide-induced torsade de pointes. *Perm J.* 2019;23:18-187.

2018

- Ballard DW, Kuppermann N, Vinson DR, Tham E, Hoffman JM, Swietlik M, Deakyne SJ, Alessandrini EA, Tzimenatos L, Bajaj L, Mark DG, Offerman SR, Chettipally UK, Paterno MD, Schaeffer MH, Richards R, Casper TC, Goldberg HS, Grundmeier RW, Dayan PS. Implementation of a clinical decision support system for children with minor blunt head trauma at non-negligible risk for traumatic brain injuries. *Ann Emerg Med.* 2018; in press.
- Kene MV, Miller Rosales C, Woods S, Rauchwerger AS, Vinson DR, Sterling SA. Feasibility of expanded emergency department screening for behavioral health problems. *Am J Manag Care.* 2018; in press.
- Sax DR, Vinson DR, Yamin CK, Huang J, Falck TM, Bhargava R, Amaral DJ, Reed ME. Tele-triage outcomes for patients with chest pain: comparing physicians and registered nurses. *Health Affairs.* 2018;37(12):1997-2004.

- Vinson DR, Mark DG, Chettipally UK, Huang J, Rauchwerger AS, Reed ME, Lin JS, Kene MV, Wang DH, Sax DR, Pleshakov TS, McLachlan ID, Yamin CK, Elms AR, Iskin HR, Vemula R, Yealy DM, Ballard DW. Increasing safe outpatient management for emergency department patients with pulmonary embolism: a controlled pragmatic trial. *Ann Intern Med.* 2018 Nov 13 [Epub ahead of print].
- Simon LE, Iskin HR, Vemula R, Huang J, Rauchwerger AS, Reed ME, Ballard DW, Vinson DR. Emergency Department patient satisfaction with treatment of low-risk pulmonary embolism. *West J Emerg Med.* 2018;19(6):938-946.
- Masterson Creber RM, Dayan PS, Kuppermann N, Ballard DW, Tzimenatos L, Alessandrini E, Mistry RD, Hoffman J, Vinson DR, Bakken S; Pediatric Emergency Care Applied Research Network (PECARN) and the Clinical Research on Emergency Services and Treatments (CREST) Network. Applying the RE-AIM framework for the evaluation of PECARN electronic health record based clinical decision support head trauma tool: a mixed-methods study. *Appl Clin Inform.* 2018;9(3):693-703.
- Ballard DW, Vinson DR, Warton EM, Cotton DM, Vazquez-Benitez G, Kharbanda AB, Kharbanda EO. Validation of the pediatric Appendicitis Risk Calculator (pARC) in a community setting. *Ann Emerg Med.* 2018;72(4S):S90 [abstract 227].
- Vinson DR, Warton EM, Kea B, Ballard DW, Reed ME. Formulary inclusion of dabigatran increases initiation of atrial fibrillation thromboprophylaxis at Emergency Department discharge. *Ann Emerg Med.* 2018;72(4S):S32 [abstract 73].
- Nasrollahi F, Makin CW, Arangan J, McLachlan DI, Stevenson MD, Huang J, Reed ME, Ballard DW, Vinson DR. The prevalence and outcomes of delayed diagnosis of acute pulmonary embolism. *Ann Emerg Med.* 2018;72(4S):S147 [abstract 374].
- Simon LE, Reed ME, Huang J, Rauchwerger AS, Vinson DR, Ballard DW, Mark DG. Predictors of physician gestalt in the diagnosis of acute coronary syndrome in the Emergency Department. *Ann Emerg Med.* 2018;72(4S):S13-14 [abstract 27].
- Vinson DR, Lugovskaya N, Nagam MR. Improving an outpatient pathway for the emergency management of atrial fibrillation and flutter [letter]. *Acad Emerg Med.* 2018;25(9):1076-1077. PMID: 29737590
- Vinson DR, Ballard DW, Dayan PS, Kuppermann N. Clinical judgment and the PECARN head trauma prediction rules [letter]. *Ann Emerg Med.* 2018;72(3):323-325.
- Mark DG, Davis JA, Hung YY, Vinson DR. Discriminatory value of the ascending aorta diameter in suspected acute type A aortic dissection. *Acad Emerg Med.* 2018 Aug 9 [Epub ahead of print]. PMID: 30091507

- Vinson DR, Kea B, Coll-Vinent B, Barrett TW, Atzema CL. Enlisting emergency medicine clinicians to help reduce strokes in high-risk patients with atrial fibrillation and flutter. *Clin Pharmacol Ther.* 2018;104(4):613-614. PMID: 30006942
- Vinson DR, Ballard DW, Huang J, Reed ME, Lin JS, Kene MV, Sax DR, Rauchwerger AS, Wang DH, McLachlan DI, Pleshakov TS, Silver MA, Clague VA, Klonecke AS, Mark DG, for the MAPLE Investigators of the KP CREST Network. Outpatient management of emergency department patients with acute pulmonary embolism: variation, patient characteristics and outcomes. *Ann Emerg Med.* 2018;72(1):62-72.e3. PMID: 29248335
 - Related interview: Report: Liability Fears of Discharging Low-risk Pulmonary Embolism Patients Unfounded. *ED Legal Letter.* 2018;29(10):117-119.
 - Discussion: Barrett TW, et al. Outpatient Pulmonary Embolism Management: If You Walk Into the Emergency Department With a Pulmonary Embolism, Maybe You Should Also Walk Out: Answers to the July 2018 Journal Club Questions. *Ann Emerg Med.* 2018;72(6):725-730.
- Kea B, Sun BC, Vinson DR. Stroke prevention for high-risk atrial fibrillation in the emergency setting: differences between Canada and the United States [letter]. *Can J Cardiol.* 2018;34(7):945.e3.
- Josephy CP, Vinson DR. Feasibility of single- vs two-physician procedural sedation in a small community emergency department. *Am J Emerg Med.* 2018;36(6):977-982. PMID: 29239751
- Song H, Tucker A, Murrell KL, Vinson DR. Closing the productivity gap: Improving worker productivity through public relative performance feedback and validation of best practices. *Man Sci.* 2018;64(6):2628-2649.
- Le DD, Abraham AS, Kea B, Warton ME, Reed ME, Rauchwerger AS, Ballard DW, Vinson DR. Wide variation in hospitalization of emergency department patients with atrial fibrillation and flutter in a U.S. integrated health care delivery system. *Acad Emerg Med.* 2018;25(S1):S42-43 [abstract 97].
- Nagam MR, Thiel GG, Dutczak O, Stevenson MD, Warton EM, Reed ME, Lugovskaya N, Ballard DW, Vinson DR. Patient selection, dosing patterns, safety, and delayed time to effect of IV amiodarone in the cardioversion of atrial fibrillation and flutter in 13 U.S. community EDs. *Acad Emerg Med.* 2018;25(S1):S224 [abstract 627].
- Bahl D, Engelhart DC, Swanson WP, Cotton DM, Krauss WC, Huang J, Reed ME, Mark DG, Vinson DR. Prevalence and prognostic value of proximal clot location in patients with acute pulmonary embolism presenting with presyncope or syncope. *Acad Emerg Med.* 2018;25(S1):S29 [abstract 58].
- Engelhart DC, Bahl D, Abraham AS, Swanson WP, Cotton DM, Krauss WC, Huang J, Reed ME, Mark DG, Vinson DR. Presyncope carries similar risk as syncope in ED patients with acute pulmonary embolism. *Acad Emerg Med.* 2018;25(S1):S71 [abstract 180].

- Abraham AS, Othieno AA, Huang J, Reed ME, Mark DG, Vinson DR. Screening for and treatment of submassive pulmonary embolism in community Emergency Departments in the U.S. *Acad Emerg Med*. 2018;25(S1):S28-29 [abstract 57].
- Le DD, Abraham AS, Vinson DR. Prevalence of guideline-discordant lidocaine use in the U.S. prehospital treatment of stable monomorphic ventricular tachycardia. *Acad Emerg Med*. 2018;25(S1):S267-268 [abstract 759].
- Simon LE, Rauchwerger AS, Warton ME, Reed ME, Vinson DR, Vlahos JW, Konik ZI, Ballard DW. Emergency Medical Service providers' perspectives on telemedicine in the ambulance: a survey-based study. *Acad Emerg Med*. 2018;25(S1):S248 [abstract 700].
- Patel PB, Vinson DR, Gardner MN, Wulf DA, Kipnis P, Liu V, Escobar GJ. Impact of emergency physician-provided patient education about alternate care venues. *Am J Manag Care*. 2018;24(5):294-300. PMID: 29851439
- Simon LE, Rauchwerger AS, Chettipally UK, Vinson DR, Warton EM, Kharbanda AB, Kharbanda EO, Ballard DW. Real-time text message alerts to emergency physicians identifying potential study candidates increases clinical trial enrollment. *J Patient Cent Res Rev*. 2018;5(S1):57 [abstract OA1.03].
- Liu MY, Ballard DW, Huang J, Rauchwerger AS, Reed ME, Bouvet SC, Vinson DR. Acute pulmonary embolism in emergency department patients despite adequate anticoagulation. *West J Emerg Med*. 2018;19(3):510-516. PMCID: PMC5942018
- Kharbanda AB, Vazquez-Benitez G, Ballard DW, Vinson DR, Chettipally UK, Kene MV, Dehmer SP, Bachur S, Dayan PS, Kuppermann N, O'Connor P, Kharbanda EO. Development and validation of a new pediatric Appendicitis Risk Calculator (pARC). *Pediatrics*. 2018;141(4):e20172699. PMID: 29535251
- Vinson DR, Friedman BW. Diphenhydramine should be co-administered with intravenous prochlorperazine to prevent akathisia [eletter]. *Emerg Med J*. 2018 Feb 25 [Epub].
- Vinson DR, Warton EM, Mark DG, Ballard DW, Reed ME, Chettipally UK, Singh N, Bouvet SZ, Kea B, Ramos PC, Glaser DS, Go AS, for the TAFFY investigators of the CREST Network. Thromboprophylaxis for patients with high-risk atrial fibrillation and flutter discharged from the Emergency Department. *West J Emerg Med*. 2018;19(2):346-360. PMCID: PMC5851510
- Mark DG, Huang J, Chettipally U, Kene MV, Anderson ML, Hess EP, Ballard DW, Vinson DR, Reed ME. Performance of coronary risk scores in patients with chest pain in the emergency department. *J Am Coll Cardiol*. 2018;71(6):606-616. PMID 29420956
- Lin M, Vinson DR, Geier C, Zlatan C, Hayes BD. Prochlorperazine, metoclopramide, and diphenhydramine for acute migraine headache. *Acad Life in Emerg Med*. 2018 Jan 10 [Epub].

- Vinson DR, Kea B. Understanding the effect of propofol and electrical cardioversion on the systolic blood pressure of emergency department patients with atrial fibrillation. *World J Emerg Med.* 2018;9(1):76. PMID: PMC5717383
- Vinson DR, Lugovskaya N, Warton EM, Rome AM, Stevenson MD, Reed ME, Nagam MR, Ballard DW. Ibutilide effectiveness and safety in the cardioversion of atrial fibrillation and flutter in the community Emergency Department. *Ann Emerg Med.* 2018;71(1):96-108. PMID: 28969929

2017

- Kea B, Warton EM, Reed ME, Rauchwerger AS, Ballard DW, Vinson DR. Wide variability in emergency department disposition of patients with atrial fibrillation and flutter in a US integrated healthcare delivery system [abstract]. *Circulation.* 2017;136 (Suppl 1), A17661.
- Fox CK, Hills NK, Vinson DR, Numis AL, Dicker RA, Sidney S, Fullerton HJ. Population-based study of ischemic stroke risk after trauma in children and young adults. *Neurology.* 2017;89(23):2310-6. PMID: 29117963
- Nishijima DK, Gaona SD, Waechter T, Maloney R, Blitz A, Elms AR, Farrales RD, Montoya J, Bair T, Howard C, Gilbert M, Trajano RP, Hatchel KM, Faul M, Bell JM, Coronado VC, Vinson DR, Ballard DW, Tancredi DJ, Garzon H, Mackey KE, Shahlaie K, Holmes JF, for the Sacramento County Prehospital Research Consortium. The incidence of traumatic intracranial hemorrhage in head-injured older adults transported by EMS with and without anticoagulant or antiplatelet use. *J Neurotrauma.* 2017 Nov 6 [Epub ahead of print]. PMID: 29108469
- Friedman BW, Irizarry E, Solorzano C, Latev A, Rosa K, Zias E, Vinson DR, Bijur PE, Gallagher EJ. Randomized study of IV prochlorperazine plus diphenhydramine vs IV hydromorphone for migraine. *Neurology.* 2017;89(20):2075-2082. PMID: 29046364
- Anderson TA, Warton EM, Daniels B, Lin JS, Gill K, Buss AR, McLachlan I, Garrido MX, Nishijima DK, Arasu V, Vinson DR. Derivation of a clinical decision instrument to identify adults in a community setting with mild traumatic intracranial hemorrhage at low risk for requiring critical care intervention. *Ann Emerg Med.* 2017;70(4S):S146 [abstract 372].
- Kene MV, Ballard DW, Liu MY, Warton EM, Kharbanda EO, Vinson DR, Kharbanda AB. Performance of clinical gestalt in predicting pediatric appendicitis risk: does experience matter? *Ann Emerg Med.* 2017;70(4S):S98 [abstract 247].
- Makin CW, Vinson DR. A literature-based algorithm for treatment of children with radial head subluxation who fail to respond to initial hyperpronation [letter]. *Am J Emerg Med.* 2017;35(9):1365-1367. PMID: 28314482
- Nishijima DK, Gaona S, Waechter T, Maloney R, Bair T, Blitz A, Elms AR, Farrales RD, Howard C, Montoya J, Bell JM, Vinson DR, Holmes JF, Ballard DW. Out-of-hospital triage of older adults with head injury: a retrospective study of the effect of adding “anticoagulation or antiplatelet medication use” as a criterion. *Ann Emerg Med.* 2017;70(2):127-138.e6 PMID: 28238499

- Mark DG, Kene MV, Vinson DR, Ballard DW. Outcomes following possible undiagnosed aneurysmal subarachnoid hemorrhage: a contemporary analysis. *Acad Emerg Med.* 2017;24(12):1451-1463. PMID: 28675519
- Vinson DR. Antibiotics for pediatric otitis media: trials, guidelines, and practice [letter]. *N Engl J Med.* 2017;376(13):e24. PMID: 28357843
- Nishijima DR, Gaona S, Elms A, Farrales R, Montoya J, Gilbert M, Trajano R, Hatchel K, Vinson DR, Ballard DB, Holmes J. The incidence of traumatic intracranial hemorrhage in head-injured older adults transported by EMS with and without anticoagulant or antiplatelet use. *Acad Emerg Med.* 2017;24(S1):S7 [abstract 1].
- Buss AR, Nishijima DK, Daniels B, Warton EM, Anderson TJ, Gill KS, McLachlan DI, Lin JS, Garrido M, McHargue C, Vinson DR. External validation of the UC Davis clinical decision instrument to identify adults in a community setting with mild traumatic intracranial hemorrhage at low risk for requiring ICU admission. *Acad Emerg Med.* 2017;24(S1):S27 [abstract 56].
- Abraham AS, Liu MY, Vinson DR. Image diagnosis: Iliopsoas abscess from Crohn disease. *Perm J.* 2017;21:16-150. PMID: PMC5469431
- Furyk JS, Meek RA, Egerton-Warburton D, Vinson DR. Oligo-evidence for antiemetic efficacy in the emergency department [letter]. *Am J Emerg Med.* 2017;35(6):921-922. PMID: 28359632
- Nishijima DK, Gaona S, Waechter T, Maloney R, Bair T, Blitz A, Elms AR, Farrales RD, Howard C, Montoya J, Bell JM, Coronado VC, Sugerman DE, Ballard DW, Mackey KE, Vinson DR, Holmes JF. Do EMS providers accurately ascertain anticoagulant and antiplatelet use in older adults with head trauma? *Prehosp Emerg Care.* 2017;21(2):209-215. PMID: 27636529
- Dayan PS, Ballard DW, Tham E, Hoffman JM, Swietlik M, Deakyne SJ, Alessandrini EA, Tzimenatos L, Bajaj L, Vinson DR, Mark DG, Offerman SR, Chettipally UK, Paterno MD, Schaeffer MH, Wang J, Casper TC, Goldberg HS, Grundmeier RW, Kuppermann N. Implementation of PECARN Traumatic Brain Injury prediction rules using clinical decision support. *Pediatrics.* 2017;139(4):e20162709. PMID: 28341799
- Vinson DR, Nagam MR, Lugovskaya N, Nasrollahi F, Egerton-Warburton D, Furyk JS, Meek RA. Oligoantimesis: a premature neologism for an intervention insufficiently substantiated in the emergency setting. *J Emerg Med.* 2017;52(3):366-368. PMID: 27720539
- Sharp AL, Nagaraj G, Rippberger EJ, Shen E, Swap CJ, Silver MA, McCormick T, Vinson DR, Hoffman JR. In reply to "Big vs. small data and the generalizability of the rate of CT overuse in minor head injury." *Acad Emerg Med.* 2017;24(3):393. PMID: 27628302
- Vinson DR, Ballard DW, Mark DG, Chettipally UK. Shared decision making in low risk chest pain: looking ahead [letter]. *BMJ.* 2017;356:j324. PMID: 28115318

- Nagam MR, Vinson DR, Levis JT. ECG diagnosis: right ventricular myocardial infarction. *Perm J*. 2017;21:16-105. PMID: PMC5267627
- Sharp AL, Nagaraj G, Rippberger EJ, Shen E, Swap CJ, Silver MA, McCormick T, Vinson DR, Hoffman JR. Computed tomography use for adults with head injury: describing likely avoidable Emergency Department imaging based on the Canadian CT Head Rule. *Acad Emerg Med*. 2017;24(1):22-30. PMID: 27473552

2016

- Kene MV, Ballard DW, Vinson DR, Carpenter D, Rauchwerger AS, Kharbanda A, Kharbanda E. Pediatric appendicitis: trends in emergency department imaging and outcomes in the community setting, 2010-2015. *Ann Emerg Med*. 2016;68(4S):S82-S83 [abstract 211].
- Lugovskaya N, Warton EM, Nagam MR, Reed ME, Ballard DW, Rome AM, Stevenson MD, Vinson DR, for the KP CREST Network. Effectiveness and safety of procainamide in the cardioversion of atrial fibrillation and flutter in the community ED setting: a Pharm CAFÉ Study. *Ann Emerg Med*. 2016;68(4S):S40 [abstract 100].
- Vinson DR, Ballard DW, Mark DG, Huang J, Reed ME, Rauchwerger AS, Wang DH, Lin DS, Kene MV, Pleshakov TS, Sax DK, Sax JM, McLachlan DI, Yamin CK, Swap CJ, Iskin HR, Vemula R, Fleming BS, Elms AR, Aujesky D; for the MAPLE Investigators of the KP CREST Network. Risk stratifying emergency department patients with acute pulmonary embolism: does the simplified Pulmonary Embolism Severity Index perform as well as the original? *Thromb Res*. 2016;148:1-8. PMID: 27764729
- Ballard DW, Vemula R, Chettipally UK, Kene MV, Mark DG, Elms AK, Lin JS, Reed ME, Huang J, Rauchwerger AS, Vinson DR, for the KP CREST Network Investigators. Optimizing clinical decision support in the electronic health record: clinical characteristics associated with the use of a decision tool for disposition of ED patients with pulmonary embolism. *Appl Clin Inform*. 2016;7(3):883-898. PMID: PMC5052556
- Patel PB, Vinson DR. Emergency physicians seek...and are finding their place [letter]. *Ann Emerg Med*. 2016;68(3):397-398. PMID: 27568431
- Vinson DR. Managing migraine in complicated patients [expert opinion]. *Acad Life in Emerg Med*. 2016 May 18.
- Vinson DR, Ballard DW, Gould MK. Mechanical ventilation and central venous catheterization [letter]. *N Engl J Med*. 2016;374(15):1489-1492. PMID: 27074074
- Yamin C, Reed ME, Ballard DW, Mark DG, Vinson DR. Not so fast! β -Blockers blunt tachycardia in pulmonary embolism: implications for clinical decision rules? *Acad Emerg Med*. 2016;23(S1):S130 [abstract 294].
- Ballard DW, Huang J, Vinson DR, Reed ME, Kim AS. Reply to Shy BD, et al. The complexities of studying computerized physician order entry: implications for the perceived

effectiveness of stroke order sets [letter]. *Ann Emerg Med.* 2016;67(4):561-562. PMID: 27015928

- Mark DG, Sonne DC, Jun P, Schwartz DT, Kene MV, Vinson DR, Ballard DW. False negative interpretations of cranial computed tomography in aneurysmal subarachnoid hemorrhage. *Acad Emerg Med.* 2016;23(5):591-8. PMID: 26918885
- Sharp AL, Vinson DR, Alamshaw F, Handler J, Gould MK. An age-adjusted d-dimer threshold for Emergency Department patients with suspected pulmonary embolus: accuracy and clinical implications. *Ann Emerg Med.* 2016;67(2):249–257. PMID: 26320520
- Vinson DR, Kann GS, Gaona SD, Panacek EA. Performance of the four-way range of motion test for radiographic injuries after blunt elbow trauma. *Am J Emerg Med.* 2016;34(2):235-239. PMID: 26597495
- Lugovskaya N, Vinson DR. Paroxysmal atrial fibrillation and brain freeze: a case of recurrent co-incident precipitation from a frozen beverage. *Am J Case Rep.* 2016;17:23-26. PMCID: PMC4718113
- Stieglitz DD, Vinson DR, Hampton MD. Equipment-based Pilates reduces work-related chronic low back pain and disability: a pilot study. *J Bodyw Mov Ther.* 2016;2(1):74-82. PMID: 26891640
- Vinson DR. Doc, I think I just bruised my elbow. Do I really need to wait for x-rays? *Atlas of Science.* 2016 Jan 14 [Epub].

2015

- Kene MV, Ballard DW, Vinson DR, Rauchwerger AS, Iskin HR, Kim AS. Emergency physician attitudes, preferences, and risk tolerance for stroke as a potential cause of dizziness symptoms. *West J Emerg Med.* 2015;16(5):768-776. PMCID: PMC4644052
- Mark DG, Kene MV, Udaltsova N, Vinson DR, Ballard DW. Sensitivity of a subarachnoid hemorrhage decision rule and early computed tomography in patients with aneurysmal subarachnoid hemorrhage: a retrospective cohort study. *West J Emerg Med.* 2015;16(5):671-676. PMCID: PMC4644033
- Ballard DW, Kim AS, Huang J, Park DK, Kene MV, Chettipally UK, Iskin HR, Hsu J, Vinson DR, Mark DG, Reed ME. Implementation of an inpatient electronic health record with computerized physician order entry is associated with improved outcomes for patients admitted with ischemic stroke. *Ann Emerg Med.* 2015;66(6):601-10. PMCID: PMC5111545
- Mark DG, Vinson DR, Ballard DW. Outcomes after out-of-hospital cardiac arrest treated by basic vs advanced life support [letter]. *JAMA Inter Med.* 2015;175(8):1422-3. PMID: 26236976
- Friedman BW, Vinson DR. Convincing the skeptic. How to fix emergency department headache management. *Cephalalgia.* 2015;35(8):641-3. PMID: 25366548

- Coralic Z, Kim AS, Vinson DR. Prochlorperazine-induced hemidystonia mimicking acute stroke. *West J Emerg Med.* 2015;16(4):572-4. PMID: PMC4530917
- Ballard DW, Reed ME, Singh N, Rauchwerger AS, Hamity CA, Warton EM, Chettipally UK, Mark DG, Vinson DR. Emergency department management of atrial fibrillation/flutter and patient quality of life at one-month post-visit. *Ann Emerg Med.* 2015;66(6):646-654.e2. PMID: 26033532
- Ballard DW, Vinson DR, Mark DG. Departure from central line ritual. *AHRQ Web M&M* [serial online]. May 2015. PMID: 27129756
- Mark DG, Kene MV, Offerman SR, Vinson DR, Ballard DW. Validation of cerebrospinal fluid findings in aneurysmal subarachnoid hemorrhage: a case series study. *Am J Emerg Med.* 2015;33(9):1249-52. PMID: 26022754
- Friedman BW, West J, Vinson DR, Minen MT, Restivo A, Gallagher EJ. Current management of migraine in US emergency departments: An analysis of the National Hospital Ambulatory Medical Care Survey. *Cephalalgia.* 2015;35(4):301-9. PMID: 24948146
- Vinson DR, Morley JE, Huang J, Liu V, Anderson ML, Drenten CE, Radecki RP, Nishijima DK, Reed ME. The accuracy of an electronic Pulmonary Embolism Severity Index auto-populated from the electronic health record: setting the stage for computerized clinical decision support. *Appl Clin Inform.* 2015;66(2):318-333. PMID: PMC4493333
- Mark DG, Kene MV, Sonne D, Udaltsova N, Vinson DR, Ballard DW. Outcomes following missed diagnoses of aneurysmal subarachnoid hemorrhage. *Acad Emerg Med.* 2015;22(S1):S36-7 [abstract 70].
- Vinson DR, Ballard DW, Mark DG. The indications for screening chest radiography after failed thoracic central venous catheterization. *Am J Emerg Med.* 2015;33(7):970-971. PMID: 25726064
- Vinson DR, Drenten CE, Huang J, Morley JE, Anderson ML, Reed ME, Nishijima DK, Liu V, on behalf of the KP CREST Network. Impact of relative contraindications to home management in emergency department patients with low-risk pulmonary embolism. *Ann Amer Thoracic Soc.* 2015;12(5):666-673. PMID: PMC4743639
- Vinson DR, Ballard DW, Huang J, Rauchwerger AS, Reed ME, Mark DG, for the KP CREST Network. Timing of discharge follow-up for acute pulmonary embolism: retrospective cohort study. *West J Emerg Med.* 2015;16(1):55-61. PMID: PMC4307727
- Vinson DR, Ballard DW, Hance LG, Stevenson DW, Clague VA, Rauchwerger AS, Reed ME, Mark DG, for the CREST Network Investigators. Pneumothorax is a rare complication of thoracic central venous catheterization in community Emergency Departments. *Am J Emerg Med.* 2015;33(1):60-66. PMID: 25455050

2014

- Patel PB, Vinson DR. Regarding: Effects of Emergency Department expansion on Emergency Department patient flow. *Acad Emerg Med*. 2014;21(11):1300. PMID: 25377416
- Patel PB, Combs MA, Vinson DR. In reply [to Goldlust E, et al, "Re: Reduction of admit wait times: the effect of a leadership-based program"]. *Acad Emerg Med*. 2014;21(8):943. PMID: 25156014
- Mark DG, Morehouse JW, Hung YY, Kene MV, Elms AR, Liu V, Ballard DW, Vinson DR. In-hospital mortality following treatment with red blood cell transfusion or inotropic therapy during early goal-directed therapy for septic shock: a retrospective propensity-adjusted analysis. *Crit Care*. 2014;18:496. PMID: PMC4181703
- Mark DG, Vinson DR, Hung YY, Anderson ES, Escobar GJ, Carr BG, Abella BS, Ballard DW. Lack of improved outcomes with increased use of targeted temperature management following out-of-hospital cardiac arrest: A multicenter retrospective cohort study. *Resuscitation*. 2014;85(11):1549-1556. PMID: 25180922
- Ballard DW, Reed ME, Rauchwerger AS, Chettipally UK, Offerman SR, Mark DG, Vinson DR. Emergency physician perspectives on central venous catheterization in septic patients: a survey-based study. *Acad Emerg Med*. 2014;21(6):623-630. PMID: 25039545
- Mark DG, Vinson DR. Low-risk chest pain in the Emergency Department: Should we be focusing on better follow-up instead of accelerated testing? *JAMA Intern Med*. 2014;174(6):1009-1010. PMID: 24887767
- Vinson DR, Ballard DW, Hance LG, Hung YY, Rauchwerger AS, Reed ME, Kene MV, Chettipally UK, Elms AR, Mark DG, for the Kaiser Permanente CREST Network Investigators. Bleeding complications of central venous catheterization in septic patients with abnormal hemostasis. *Am J Emerg Med*. 2014;32(7):737-742. PMID: 24856739
- Patel PB, Keenly LD, Anderson HE, Vinson DR. Informed consent for lumbar puncture in the Emergency Department. *West J Emerg Med*. 2014;15(3):318-324. PMID: PMC4025530
- Patel PB, Combs MA, Vinson DR. Reduction of admit wait times: the effect of a leadership-based program. *Acad Emerg Med*. 2014;21(3):266-273. PMID: 24628751
- Vinson DR, Ballard DW, Stevenson MD, Mark DG, Reed ME, Rauchwerger AS, Chettipally UK, Offerman SR, for the Kaiser Permanente CREST Network Investigators. Predictors of unattempted central venous catheterization in septic patients eligible for early goal-directed therapy. *West J Emerg Med*. 2014;15(1):67-75. PMID: PMC3935788

2013

- Mark DG, Vinson DR, Ballard DW; Kaiser Permanente CREST Network investigators. Reply to Perry JJ, "Pragmatic interpretation of the study of nontraumatic subarachnoid hemorrhage in the setting of negative cranial computed tomography results: External validation of a clinical and imaging prediction rule." *Ann Emerg Med*. 2013;62(4):436-437. PMID: 24054104

- Mark DG, Sonne DC, Vinson DR, Ballard DW; Kaiser Permanente CREST Network investigators. Reply to Schwartz DT, “Sensitivity of computed tomography for subarachnoid hemorrhage.” *Ann Emerg Med.* 2013;62(4):438-439. PMID: 24054106
- Sheehan B, Nigrovic LE, Dayan PS, Kuppermann N, Ballard DW, Alessandrini E, Bajaj L, Goldberg H, Hoffman J, Offerman SR, Mark DG, Swietlik M, Tham E, Tzimenatos L, Vinson DR, Jones GS, Bakken S; for the Pediatric Emergency Care Applied Research Network (PECARN). Informing the design of clinical decision support services for evaluation of children with minor blunt head trauma in the emergency department: A sociotechnical analysis. *J Biomed Inform.* 2013;46(5):905-13. PMID: 23892207
- Mark DG, Hung YY, Offerman SR, Rauchwerger AS, Reed ME, Chettipally U, Vinson DR, Ballard DW; for the Kaiser Permanente CREST Network Investigators. Nontraumatic subarachnoid hemorrhage in the setting of negative cranial computed tomography results: External validation of a clinical and imaging prediction rule. *Ann Emerg Med.* 2013;62(1):1-10.e1. PMID: 23026788
- Patel PB, Vinson DR. Physician email and telephone contact after ED visit improves patient satisfaction: A crossover trial. *Ann Emerg Med.* 2013;61(6):631-7. PMID: 23465304
- Mark DG, Vinson DR, Ballard DW. Letter regarding article, “Implementation of the Fifth Link of the Chain of Survival Concept for Out-of-Hospital Cardiac Arrest.” *Circulation.* 2013;127:e566. PMID: 23609555
- Offerman SR, Nishijima DK, Ballard DW, Chettipally UK, Vinson DR, Holmes JF. The use of delayed telephone informed consent for observational emergency medicine research is ethical and effective. *Acad Emerg Med.* 2013;20(4):403-407. PMID: PMC4034372
- Ballard DW, Rauchwerger AS, Reed ME, Vinson DR, Mark DG, Offerman SR, Chettipally UK, Graetz I, Dayan P, Kuppermann N, for the Kaiser Permanente CREST Network. Emergency physicians’ knowledge and attitudes of clinical decision support in the electronic health record: a survey-based study. *Acad Emerg Med.* 2013;20(4):352–360. PMID: 23701342
- Vinson DR. In reply [to Campbell SG, Froese PC. Sedation-assisted orthopedic reduction in emergency medicine: The safety and success of a one physician/one nurse model.] *West J Emerg Med.* 2013;14(2):204-205. PMID: PMC3628483
- Mark DG, Vinson DR, Ballard DW; Kaiser Permanente CREST Network investigators. In reply [to Vergouwen MD, et al’s Clinical suspicion of subarachnoid hemorrhage and negative head computed tomographic scan performed within 6 hours of headache onset--no need for lumbar puncture.] *Ann Emerg Med.* 2013;61(4):504-5. PMID: 23522820
- Offerman SR, Rauchwerger AS, Nishijima DK, Ballard DW, Chettipally UK, Vinson DR, Reed ME, Holmes JF. Use of an electronic medical record “dotphrase” data template for a prospective head injury study. *West J Emerg Med.* 2013;14(2):109-113. PMID: PMC3628454
- Vinson DR, Hoehn C. Sedation-assisted orthopedic reduction in emergency medicine: The safety and success of a one physician/one nurse model. *West J Emerg Med.* 2013;14(1):47-54.

PMCID: PMC3582522

- Nishijima DK, Offerman SR, Ballard DW, Vinson DR, Chettipally UK, Rauchwerger AS, Reed ME, Holmes JF. Risk of traumatic intracranial hemorrhage in patients with head injury and preinjury warfarin or clopidogrel use. *Acad Emerg Med*. 2013;20(2):140-5. PMCID: PMC3576045
- Nishijima DK, Holmes JF, Offerman SR, Ballard DW, Vinson DR, Chettipally UK, Rauchwerger AS, Reed ME. In reply [to Rasler F. Delayed intracranial hemorrhage from mild head injury and warfarin use.] *Ann Emerg Med*. 2013;61(1):126-127. PMID: 23260697

2012

- Anderson E, Ballard DW, Vinson DR, Mark DG. Does the annual volume of patients admitted following out-of-hospital cardiac arrest predict use of therapeutic hypothermia? *Crit Care Med*. 2012;40(12 Suppl.):555 (abstract).
- Mark DG, Vinson DR, Anderson E, Ballard DW. Treatment of out-of-hospital cardiac arrest patients with electrocardiographic ST segment elevation: differences between receiving hospitals with and without on-site cardiac catheterization capacity. *Crit Care Med*. 2012;40(12 Suppl.):295 (abstract).
- Vinson DR, Zehtabchi S, Yealy DM. Can selected patients with newly diagnosed pulmonary embolism be safely treated without hospitalization? A systematic review. *Ann Emerg Med*. 2012;60(5):651-662.e4. PMID: 22944455
- Vinson DR. The safety of cardioversion of recent-onset atrial fibrillation in Emergency Department patients. *Ann Emerg Med*. 2012;60(1):134-135. PMID: 22720854
- Nishijima DK, Offerman SR, Ballard DW, Vinson DR, Chettipally UK, Rauchwerger AS, Reed ME, Holmes JF, for the Clinical Research in Emergency Services and Treatment (CREST) Network. Immediate and delayed traumatic intracranial hemorrhage in patients with head trauma and pre-injury warfarin or clopidogrel use. *Ann Emerg Med*. 2012;59(6):460-468.e7. PMCID: PMC3361700
- Vinson DR. Expediting emergency management: Kiosk-assisted care and telephone treatment protocols. *Acad Emerg Med*. 2012;19(3):365. PMID: 22340153
- Patel PB, Vinson DR. Stand by to repel boarders. The rise of regional No-Diversion policies. *Ann Emerg Med*. 2012;59(2):157-158. PMID: 22265135
- Patel PB, Vinson DR. Ambulance diversion reduction and elimination: The 3-2-1 Plan. *J Emerg Med*. 2012;43(5):e663-671. PMID: 22464612
- Vinson DR, Hoehn T, Graber DJ, Williams TM. Managing emergency department patients with recent-onset atrial fibrillation. *J Emerg Med*. 2012;42(2):139-148. PMID: 20634022

2011 - 2007

- Vinson DR, Patel JP, Irving CS. Pretest probability estimation in the evaluation of patients with possible deep vein thrombosis. *Am J Emerg Med.* 2011;29(6):594-600. PMID: 20825837
- Vinson DR, Patel PB. Facilitating follow-up after emergency care using an appointment assignment system. *J Healthcare Quality.* 2009;31(6):18-24. PMID: 19957460
- Darracq MA, Vinson DR, Panacek EA. Preservation of active range of motion following acute elbow trauma predicts absence of elbow fracture. *Am J Emerg Med.* 2008;26:779-782. PMID: 18774042
- Tricomi AJ, Magid DJ, Rumsfeld JS, Vinson DR, et al. Missed opportunities for reperfusion therapy for ST-segment elevation myocardial infarction: results of the Emergency Department Quality in Myocardial Infarction (EDQMI) Study. *Am Heart J.* 2008;155:471-477. PMID: 18294479
- Vinson DR, Magid DJ, Brand DW, et al. Patient sex and quality of emergency department care for patients with acute myocardial infarction. *Am J Emerg Med.* 2007;25:996-1003. PMID: 18022492
- Hurtado T, Vinson DR, Vandenberg JT. ED treatment of migraine headache: factors influencing pharmacotherapeutic choices. *Headache.* 2007;47:1134-1143. PMID: 17883518
- Vinson DR, Quesenberry CP Jr. Telephone management of presumed cystitis in women: Factors associated with recurrence. *J Clin Outcomes Manage.* 2007;14:41-46. PMID: 15136314

2006 - 2005

- Masoudi FA, Magid DJ, Vinson DR, et al. Implications of the failure to identify high-risk electrocardiogram findings for the quality of care of patients with acute myocardial infarction. Results of the Emergency Department Quality in Myocardial Infarction (EDQMI) Study. *Circulation.* 2006;114:1565-1571. PMID: 17015790
- Vinson DR. Development of a simplified instrument for the diagnosis and grading of akathisia in a cohort of patients receiving prochlorperazine. *J Emerg Med.* 2006;31:139-145. PMID: 17044574
- Vinson DR, Berman DA, Patel PB, Hickey DO. Outpatient management of deep venous thrombosis: Two models of integrated care. *Am J Manag Care.* 2006;12:405-410. PMID: 16834527
- Patel PB, Derlet RW, Vinson DR, Williams M, Wills J. Ambulance diversion reduction: the Sacramento solution. *Am J Emerg Med.* 2006;24:206-213. PMID: 16490651
- Patel PB, Vinson DR. Team Assignment System: Expediting emergency department care. *Ann Emerg Med.* 2005;46(6):499-506. PMID: 16308063
- Magid DJ, Masoudi FA, Vinson DR, et al. Older emergency department patients with acute

myocardial infarction receive lower quality of care than younger patients. *Ann Emerg Med.* 2005;46:14-21. PMID: 15988420

- Vinson DR. Diphenhydramine in the treatment of akathisia induced by prochlorperazine. *J Emerg Med.* 2005;28:348-349 [letter]. In response to Baden EY et al. Diphenhydramine in the treatment of akathisia [sic] induced by prochlorperazine. *J Emerg Med.* 2005;28:347-348.

2004 - 2003

- Vinson DR, Quesenberry CP Jr. The safety of telephone management of presumed cystitis in women. *Arch Intern Med.* 2004;164:1026-1029. PMID: 15136314
- Van der Vlugt TM, Magid DJ, Vinson DR, et al. Comparison of the quality of emergency care for patients with acute myocardial infarction delivered by resident and attending emergency physicians. *Ann Emerg Med.* 2004;44:S8 [abstract 22].
- Vinson DR. Diphenhydramine in the treatment of akathisia induced by prochlorperazine. *J Emerg Med.* 2004; 26:265-70. PMID: 15028322
- Burton JH, Vinson DR, Drummond K, Strout TD, Thode HC, McInturff JJ. Electrical cardioversion of emergency department patients with atrial fibrillation. *Ann Emerg Med.* 2004;44:20-30. PMID: 15226705
- Vinson DR. Emergency contraception and risk of ectopic pregnancy: Is there need for extra vigilance? *Ann Emerg Med.* 2003;42:306-307. PMID: 12899155
- Vinson DR. Reply to Gupta R, Gernsheimer J. Treating headache in the emergency department: Avoiding the migraine-meperidine trap. *Ann Emerg Med.* 2003;42:161-162. PMID: 11867972
- Vinson DR. Reply to Gupta R. Akathisia can be reduced by lowering the dose of D₂ receptor antagonists. *Ann Emerg Med.* 2003;41:280. PMID: 12572561
- Vinson DR, Hurtado TR, Banwert L, Vandenberg JT. Variations among emergency departments in the treatment of benign headache. *Ann Emerg Med.* 2003;41:90-97. PMID: 12514688

2002 - 2001

- Vinson DR, Bradbury DR. Etomidate for procedural sedation in emergency medicine. *Ann Emerg Med.* 2002;39(6):592-598. PMID: 12023700
- Vinson DR. Akathisia: Problematic but preventable. *Ann Emerg Med.* 2002; 39:575-576. PMID: 11973572
- Vinson DR. Emergency department treatment of migraine headaches. *Arch Intern Med.* 2002; 162(7):845-846. PMID: 11926869

- Vinson DR. Treatment patterns of isolated benign headache in US emergency departments. *Ann Emerg Med.* 2002;39(3):215-222. PMID: 11867972
- Vinson DR. Eligibility criteria for home treatment of DVT vary. *BMJ.* 2001;323:866. PMID: 11597975
- Vinson DR. Outpatient treatment of deep venous thrombosis: effective management by emergency physicians. *Thrombosis in Oncology.* 2001;4:2-7.
- Vinson DR. Frequency of adverse reactions to prochlorperazine in the ED: a response. *Am J Emerg Med.* 2001;19:175. PMID: 11239274
- Vinson DR, Berman DA. Outpatient treatment of deep venous thrombosis: a clinical care pathway managed by the emergency department. *Ann Emerg Med* 2001;37(3):251-258. PMID: 11223760
- Vinson DR. NEXUS Cervical Spine Criteria. *Ann Emerg Med.* 2001;37:237-238. PMID: 11174248
- Vinson DR, Drotts DL. Diphenhydramine for the prevention of akathisia induced by prochlorperazine: a randomized, controlled trial. *Ann Emerg Med.* 2001;37:125-131. PMID: 11174228
- Vinson DR, Migala AF, Quesenberry CP, Jr. Slow infusion for the reduction of akathisia induced by prochlorperazine: a randomized controlled trial. *J Emerg Med.* 2001;20:113-119. PMID: 11207403

2000 - 1998

- Vinson DR. Tetanus immunization. *J Emerg Med.* 2000;19:74-75.
- Vinson DR, Drotts DL. Akathisia and prochlorperazine. *Ann Emerg Med.* 2000;36(2):170-171. PMID: 10918116
- Vinson DR. Immunisation does not rule out tetanus. *BMJ.* 2000;320:383. PMID: 10657350
- Vandenberg JT, Lutz RH, Vinson DR. Large-diameter suction system reduces oropharyngeal evacuation time. *J Emerg Med.* 1999;17:941-944. PMID: 10595875
- Vinson DR, Burke TF, Sung HM. Rapid reversal of life-threatening diltiazem-induced tetany with calcium chloride. *Ann Emerg Med.* 1999;34:676-678. PMID: 10533019
- Drotts DL, Vinson DR. Prochlorperazine induces akathisia in emergency patients. *Ann Emerg Med.* 1999;34:469-475. PMID: 10499947
- Vandenberg JT, Vinson DR. The inadequacies of contemporary oropharyngeal suction. *Am J Emerg Med.* 1999;17:611-613. PMID: 10530548

- Vinson DR: Epiploic appendagitis. a new diagnosis for the emergency physician. Two cases and a review. *J Emerg Med.* 1999;17:827-832. PMID: 10499697
- Vinson DR. Tetanus: Not 100% Preventable. *J Emerg Med.* 1999;17:745-746. PMID: 10431975
- Vinson DR. The Ellis fracture: An anachronistic eponym in dentistry. *Ann Emerg Med.* 1999; 33:599-600. PMID: 10216341
- Roth BA, Vinson DR, Kim S. Carisoprodol-induced myoclonic encephalopathy. *J Toxicol Clin Toxicol.* 1998;36(6):609-612. PMID: 9776967
- Vinson DR. Superstitions in medicine: bad luck or bad logic? *Ann Emerg Med.* 1998;31:650-652. PMID: 28140122

SELECT ACTIVE RESEARCH PROJECTS: 2019-2010

- Development, validation, and impact of a novel pediatric Appendicitis Risk Calculator (pARC)
- Clinical decision support for ED patients with acute chest pain: a controlled pragmatic trial
- An evaluation of ED over- and under-triage
- Identifying ED patients with heart failure eligible for home discharge
- Sustainability of clinical decision support following the cessation of active promotion
- Improving the management of ED patients with atrial fibrillation and flutter
- The predictive role of presyncope and syncope in ED patients with acute pulmonary embolism
- The detection and treatment of patients with submassive pulmonary embolism in a community ED setting
- Prehospital and ED management of stable wide-complex tachycardia
- Recognition of outpatient pulmonary embolism (the ROPE study)
- Pharmacological cardioversion of AF effectiveness (Pharm CAFÉ) study
- Identifying ED patients with mild traumatic intracranial hemorrhage at low risk for acute critical care intervention (tICH TOC study)

EMERGENCY MEDICINE NEWS

Ballard D, Vinson D. Medically Clear: A New Mindset is a Win-Win for PE Patients. *Emerg Med*

News. 2018;40(12):12.

Ballard D, Vinson D. New Immunotherapy Revolutionizes Cancer Care, but Guess Where Adverse Events End Up? *Emerg Med News*. 2018;40(9):29.

Ballard D, Vinson D. Medically Clear: Medical Therapy Shows Promise over Surgical Drainage for Peritonsillar Abscess. *Emerg Med News*. 2018;40(7):6.

Ballard D, Vinson D. Medically Clear: TXA Superior to Packing for Epistaxis, and Patients Like It Better. *Emerg Med News*. 2018;40(4):1,32.

Ballard DW, Vinson DR. Medically Clear: The Evidence Supports Police Use of Naloxone. *Emerg Med News*. 2018;40(3):6. doi: 10.1097/01.EEM.0000531128.31627.2a

Ballard DW, Vinson DR. Medically Clear: Get from Agitation to 'oK' Faster with Special K. *Emerg Med News*. 2017;39(8):7. doi: 10.1097/01.EEM.0000522213.61205.f6

Ballard DW, Vinson DR. Medically Clear: A New Twist on Nursemaids Elbow. *Emerg Med News*. 2017;39(5):13. doi: 10.1097/01.EEM.0000516458.31779.a6

Vinson DR, Ballard DW. Medically Clear: A Modified Valsalva Stops PSVT 40% of the Time. *Emerg Med News*. 2017;39(3):28-29. doi: 10.1097/01.EEM.0000513592.10649.be

NATIONAL LECTURES and GRAND ROUNDS

27th Annual National Kaiser Permanente Emergency Medicine Conference, November, 2018, Oahu, HI

- A Sampler from the Recent Emergency Medicine Literature
- Controversies in the Pulmonary Embolism and Atrial Fibrillation

Stanford University, Department of Emergency Medicine, Annual Research Day Grand Rounds, May 10, 2017

- Curiosity and Serendipity: Tales of a Reluctant Researcher

American College of Emergency Physicians' Emergency Quality Network (E-QUAL), a component of the Center for Medicare & Medicaid Innovation's Transforming Clinical Practice Initiative, November 2016 Webinar

- Optimizing Update of Clinical Decision Support in the Electronic Health Record: the CREST Experience

24th Annual National Kaiser Permanente Emergency Medicine Conference, September, 2015, Las Vegas, NV

- A Sampler from the Recent Emergency Medicine Literature

23rd Annual National Kaiser Permanente Emergency Medicine Conference, October, 2014, San Diego, CA

- A Sampler from the Recent Emergency Medicine Literature

22nd Annual National Kaiser Permanente Emergency Medicine Conference, October, 2013, Las Vegas, NV

- A Sampler from the Recent Emergency Medicine Literature

Emergency Medicine and the Law VIII, April 19-21, 2004, Dallas, TX.

- Neurological Risk Management Issues: An Evidence-based Review
- Abdominal Emergencies: An Evidence-based Review

Not listed are research presentations, nor are local lectures at UC Davis and Kaiser Permanente Medical Centers across northern California.

ADDITIONAL COMMUNITY SERVICE

Microbiology Lectures, Folsom Lake College, Folsom, CA: 2007-2009

- “Microbiology Gets Clinical: Cases from the Emergency Department”

Hume Lake Christian Camp, Hume, CA, 2001-2018

- Volunteer Summer Camp Physician

Science and Faith Lectures, 2006-2014

- TEDx, San Jose State University
- University and seminary classrooms
- Atheist groups, churches and book clubs
- Public lecture forums