

Stanford



Donald Schreiber

Associate Professor of Emergency Medicine at the Stanford University Medical Center, Emeritus

Bio

ACADEMIC APPOINTMENTS

- Emeritus Faculty - University Medical Line, Emergency Medicine
- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- Director Quality Improvement, Division of Emergency Medicine, Stanford University School of Medicine, (2006- present)

PROFESSIONAL EDUCATION

- B. Eng, McGill University , Electrical Engineering (1974)
- MD,CM, McGill University , Medicine (1978)

COMMUNITY AND INTERNATIONAL WORK

- URC Emergency Medicine, Battambang, Cambodia
- UHS Program in Emergency Medicine, Phnom Penh, Cambodia
- SidharTe, Kigali, Rwanda

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My research group focuses on the diagnosis and treatment of cardiovascular emergencies including acute myocardial infarction, acute coronary syndrome and congestive heart failure. We have evaluated a number of novel cardiac markers and point-of-care testing in clinical practice. Current projects also include the diagnosis and treatment of acute pulmonary embolism and deep venous thrombosis.

CLINICAL TRIALS

- Acute Venous Thrombosis: Thrombus Removal With Adjunctive Catheter-Directed Thrombolysis, Not Recruiting

Publications

PUBLICATIONS

- **Biomarkers Enhance Discrimination and Prognosis of Type 2 Myocardial Infarction.** *Circulation*
Horiuchi, Y., Wettersten, N., Patel, M. P., Mueller, C., Neath, S., Christenson, R. H., Morgenthaler, N. G., McCord, J., Nowak, R. M., Vilke, G. M., Daniels, L. B., Hollander, J. E., Apple, et al
2020

- **Accuracy of a novel stress echocardiography pattern for myocardial bridging in patients with angina and no obstructive coronary artery disease - A retrospective and prospective cohort study.** *International journal of cardiology*
Pargaonkar, V. S., Rogers, I. S., Su, J., Forsdahl, S. H., Kameda, R., Schreiber, D., Chan, F. P., Becker, H., Fleischmann, D., Tremmel, J. A., Schnittger, I.
2020
- **Copeptin to rule out myocardial infarction in Blacks versus Caucasians** *EUROPEAN HEART JOURNAL-ACUTE CARDIOVASCULAR CARE*
Beri, N., Daniels, L. B., Jaffe, A., Mueller, C., Anand, I., Peacock, W., Hollander, J. E., DeFilippi, C., Schreiber, D., McCord, J., Limkakeng, A. T., Wu, A. B., Apple, et al
2019; 8 (5): 395-403
- **Copeptin to rule out myocardial infarction in Blacks versus Caucasians.** *European heart journal. Acute cardiovascular care*
Beri, N., Daniels, L. B., Jaffe, A., Mueller, C., Anand, I., Peacock, W. F., Hollander, J. E., DeFilippi, C., Schreiber, D., McCord, J., Limkakeng, A. T., Wu, A. H., Apple, et al
2018: 2048872618772500
- **Necessity of hospitalization and stress testing in low risk chest pain patients.** *American journal of emergency medicine*
Beri, N., Marston, N. A., Daniels, L. B., Nowak, R. M., Schreiber, D., Mueller, C., Jaffe, A., Diercks, D. B., Wettersten, N., DeFilippi, C., Peacock, W. F., Limkakeng, A. T., Anand, et al
2017; 35 (2): 274-280
- **Serial sampling of copeptin levels improves diagnosis and risk stratification in patients presenting with chest pain: results from the CHOPIN trial** *EMERGENCY MEDICINE JOURNAL*
Marston, N. A., Shah, K. S., Mueller, C., Neath, S., Christenson, R. H., McCord, J., Nowak, R. M., Daniels, L. B., Hollander, J. E., Apple, F., Nagurney, J., Schreiber, D., DeFilippi, et al
2016; 33 (1): 23-29
- **Serial sampling of copeptin levels improves diagnosis and risk stratification in patients presenting with chest pain: results from the CHOPIN trial.** *Emergency medicine journal : EMJ*
Marston, N. A., Shah, K. S., Mueller, C., Neath, S. X., Christenson, R. H., McCord, J., Nowak, R. M., Daniels, L. B., Hollander, J. E., Apple, F., Nagurney, J., Schreiber, D., deFilippi, et al
2016; 33 (1): 23-9
- **Midregional Proadrenomedullin Predicts Mortality and Major Adverse Cardiac Events in Patients Presenting With Chest Pain: Results From the CHOPIN Trial** *ACADEMIC EMERGENCY MEDICINE*
Shah, K. S., Marston, N. A., Mueller, C., Neath, S., Christenson, R. H., McCord, J., Nowak, R. M., Vilke, G. M., Daniels, L. B., Hollander, J. E., Apple, F. S., Cannon, C. M., Nagurney, et al
2015; 22 (5): 554-563
- **Comparison of conventional and high-sensitivity troponin in patients with chest pain: A collaborative meta-analysis** *AMERICAN HEART JOURNAL*
Lipinski, M. J., Baker, N. C., Escarcega, R. O., Torguson, R., Chen, F., Aldous, S. J., Christ, M., Collinson, P. O., Goodacre, S. W., Mair, J., Inoue, K., Lotze, U., Sebbane, et al
2015; 169 (1): 6-?
- **Comparison of conventional and high-sensitivity troponin in patients with chest pain: a collaborative meta-analysis.** *American heart journal*
Lipinski, M. J., Baker, N. C., Escárcega, R. O., Torguson, R., Chen, F., Aldous, S. J., Christ, M., Collinson, P. O., Goodacre, S. W., Mair, J., Inoue, K., Lotze, U., Sebbane, et al
2015; 169 (1): 6-16 e6
- **Derivation and Validation of Multimarker Prognostication for Normotensive Patients with Acute Symptomatic Pulmonary Embolism** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*
Jimenez, D., Kopecna, D., Tapson, V., Briese, B., Schreiber, D., Luis Lobo, J., Monreal, M., Aujesky, D., Sanchez, O., Meyer, G., Konstantinides, S., Yusen, R. D.
2014; 189 (6): 718-726
- **Ambulatory cardiac monitoring for discharged emergency department patients with possible cardiac arrhythmias.** *The western journal of emergency medicine*
Schreiber, D., Sattar, A., Drigalla, D., Higgins, S.
2014; 15 (2): 194-198
- **Copeptin Helps in the Early Detection of Patients With Acute Myocardial Infarction Primary Results of the CHOPIN Trial (Copeptin Helps in the early detection Of Patients with acute myocardial Infarction)** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Maisel, A., Mueller, C., Neath, S., Christenson, R. H., Morgenthaler, N. G., McCord, J., Nowak, R. M., Vilke, G., Daniels, L. B., Hollander, J. E., Apple, F. S., Cannon, C., Nagurney, et al

2013; 62 (2): 150-160

- **Short-term (90 min) diagnostic performance for acute non-ST segment elevation myocardial infarction and 30-day prognostic evaluation of a novel third-generation high sensitivity troponin I assay** *CLINICAL BIOCHEMISTRY*
Schreiber, D. H., Agbo, C., Wu, A. H.
2012; 45 (16-17): 1295-1301
- **Therapy and outcomes in massive pulmonary embolism from the Emergency Medicine Pulmonary Embolism in the Real World Registry** *AMERICAN JOURNAL OF EMERGENCY MEDICINE*
Lin, B. W., Schreiber, D. H., Liu, G., Briese, B., Hiestand, B., Slattery, D., Kline, J. A., Goldhaber, S. Z., Pollack, C. V.
2012; 30 (9): 1774-1781
- **Thrombolysis for normotensive patients with acute symptomatic pulmonary embolism: a rebuttal** *JOURNAL OF THROMBOSIS AND HAEMOSTASIS*
Kline, J. A., Pollack, C. V., Schreiber, D., BRIESE, B.
2012; 10 (9): 1973-1974
- **PREVALENCE OF ARRHYTHMIAS IN ED PATIENTS DISCHARGED USING A NOVEL AMBULATORY CARDIAC MONITOR** *61st Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC)/Conference on ACC-i2 with TCT*
Sattar, A., Drigalla, D., Higgins, S., Schreiber, D.
ELSEVIER SCIENCE INC.2012: E642-E642
- **Predictors of 30-day Cardiovascular Events in Patients With Prior Percutaneous Coronary Intervention or Coronary Artery Bypass Grafting** *40th Annual Scientific Meeting of the Society-for-Academic-Emergency-Medicine*
Esposito, E. C., Hollander, J. E., Ryan, R. J., Schreiber, D., O'Neil, B., Jackson, R., Christenson, R., Gibler, W. B., Lindsell, C. J.
WILEY-BLACKWELL.2011: 613-18
- **Clinical Characteristics, Management, and Outcomes of Patients Diagnosed With Acute Pulmonary Embolism in the Emergency Department Initial Report of EMPEROR (Multicenter Emergency Medicine Pulmonary Embolism in the Real World Registry)** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Pollack, C. V., Schreiber, D., Goldhaber, S. Z., Slattery, D., Fanikos, J., O'Neil, B. J., Thompson, J. R., Hiestand, B., Briese, B. A., Pendleton, R. C., Miller, C. D., Kline, J. A.
2011; 57 (6): 700-706
- **A Multicenter Randomized Controlled Trial Comparing Central Laboratory and Point-of-Care Cardiac Marker Testing Strategies: The Disposition Impacted by Serial Point of Care Markers in Acute Coronary Syndromes (DISPO-ACS) Trial** *Annual Meeting of the Society-of-Academic-Emergency-Medicine*
Ryan, R. J., Lindsell, C. J., Hollander, J. E., O'Neil, B., Jackson, R., Schreiber, D., Christenson, R., Gibler, W. B.
MOSBY-ELSEVIER.2009: 321-28
- **Impact of nesiritide on renal function in patients with acute decompensated failure an pre-existing renal dysfunction - A randomized, double-blind, placebo-controlled clinical trial** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Witteles, R. M., Kao, D., Christopherson, D., Matsuda, K., Vagelos, R. H., Schreiber, D., Fowler, M. B.
2007; 50 (19): 1835-1840
- **Nesiritide does not cause renal dysfunction in acute decompensated heart failure: A randomized, double-blind, placebo-controlled clinical trial**
Witteles, R. M., Kao, D., Vagelos, R., Christopherson, D., Matsuda, K., Schreiber, D., Fowler, M. B.
ELSEVIER SCIENCE INC.2007: 63A
- **Statin-induced rhabdomyolysis** *JOURNAL OF EMERGENCY MEDICINE*
Schreiber, D. H., Anderson, T. R.
2006; 31 (2): 177-180
- **Paroxysmal atrial fibrillation precipitated by amiodarone-induced thyrotoxicosis five months after cessation of therapy** *JOURNAL OF EMERGENCY MEDICINE*
Schreiber, D. H., DeFreest, M. S.
2006; 31 (1): 61-64
- **Drug-related emergency department visits in an elderly veteran population** *Veterans Affairs VISN 21 Pharmacy and Medicine PMB-Advisory-Board Conference*
Yee, J. L., Hasson, N. K., Schreiber, D. H.
HARVEY WHITNEY BOOKS CO.2005: 1990-95

- **Sex differences among children 2-13 years of age presenting at the emergency department with acute asthma** *PEDIATRIC PULMONOLOGY*
Schatz, M., Clark, S., Emond, J. A., Schreiber, D., Camargo, C. A.
2004; 37 (6): 523-529
- **Comparison of 30-day outcome, resource use, and coronary artery disease severity in patients with suspected coronary artery disease with and without diabetes mellitus assigned to chest pain units** *AMERICAN JOURNAL OF CARDIOLOGY*
Sanchez, C. D., Newby, L. K., Hasselblad, V., McNulty, S. E., Storrow, A. B., Gibler, W. B., Garvey, J. L., Schreiber, D. H., Tucker, J. F., Ohman, E. M.
2003; 91 (10): 1228-1230
- **Adjunctive platelet glycoprotein IIb/IIIa receptor inhibition with tirofiban before primary Angioplasty improves angiographic outcomes - Results of the Tirofiban given in the emergency room before primary angioplasty (TIGER-PA) pilot trial** *CIRCULATION*
Lee, D. P., Herity, N. A., Hiatt, B. L., Fearon, W. F., Rezaee, M., Carter, A. J., Huston, M., Schreiber, D., DiBattiste, P. M., Yeung, A. C.
2003; 107 (11): 1497-1501
- **Adverse cardiac events in emergency department patients with chest pain six months after a negative inpatient evaluation for acute coronary syndrome** *Annual Meeting of the Society-for-Academic-Emergency-Medicine*
Manini, A. F., Gisondi, M. A., van der Vlugt, T. M., Schreiber, D. H.
WILEY-BLACKWELL PUBLISHING, INC.2002: 896-902
- **Bedside multimarker testing for risk stratification in chest pain units - The chest pain evaluation by creatine Kinase-MB, myoglobin, and troponin I (CHECKMATE) study** *CIRCULATION*
Newby, L. K., Storrow, A. B., Gibler, W. B., Garvey, J. L., Tucker, J. F., Kaplan, A. L., Schreiber, D. H., Tuttle, R. H., McNulty, S. E., Ohman, M.
2001; 103 (14): 1832-1837
- **Acute asthma among pregnant women presenting to the emergency department** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*
Cydulka, R. K., Emerman, C. L., Schreiber, D., Molander, K. H., Woodruff, P. G., Camargo, C. A.
1999; 160 (3): 887-892