

Stanford



David Pickham

Clinical Associate Professor, Medicine - Primary Care and Population Health

CONTACT INFORMATION

- **Administrative Assistant**

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Bio

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Medicine - Primary Care and Population Health

ADMINISTRATIVE APPOINTMENTS

- Director of Research, Patient Care Services, Stanford Health Care, (2013-2016)
- Executive Director of Research, Patient Care Services, Stanford Health Care, (2016- present)

HONORS AND AWARDS

- Elected Fellow, American Heart Association (2015)
- Elected Fellow, American Academy of Nursing (2018)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, American Heart Association (2008 - present)
- Member, International Society of Computerized Electrocardiography (2010 - present)
- Member, Institutional Review Board (IRB)- Stanford University Human Research Protection Program (2014 - present)
- Member, American Nurses Association (2015 - present)
- Member, American Academy of Nursing (2018 - present)

PROFESSIONAL EDUCATION

- Bachelor, School of Nursing and Midwifery; University of Newcastle, Australia , Nursing (pre-licensure) (2000)
- Master, School of Nursing and Midwifery; University of Newcastle, Australia , Advanced Practice Nursing (2006)
- Training Fellowship, Georgetown University/National Institutes of Health/National Institute of Nursing Research , Molecular Genetics in Research, Health & Society (2008)
- PhD, Department of Physiological Nursing; University of California, San Francisco , Quantitative Electrocardiography (2010)
- Certificate, Graduate School of Business, Stanford School of Engineering; Stanford University , Innovation & Entrepreneurship (2018)
- MBA, Rotman School of Management; University of Toronto , Global Healthcare & Life Sciences (2020)

Research & Scholarship

CLINICAL TRIALS

- Optimal Patient Turning for Reducing Hospital Acquired Pressure Ulcers, Not Recruiting

Publications

PUBLICATIONS

- **QT Corrections for Long QT Risk Assessment: Implications for the Preparticipation Examination.** *Clinical journal of sport medicine : official journal of the Canadian Academy of Sport Medicine*
Hadley, D., Hsu, D., Pickham, D., Drezner, J. A., Froelicher, V. F.
2019; 29 (4): 285–91
- **Prognostic Value of BEFAST vs. FAST to Identify Stroke in a Prehospital Setting.** *Prehospital emergency care : official journal of the National Association of EMS Physicians and the National Association of State EMS Directors*
Pickham, D., Valdez, A., Demeestere, J., Lemmens, R., Diaz, L., Hopper, S., de la Cuesta, K., Rackover, F., Miller, K., Lansberg, M.
2018: 0
- **Pressure Injury Prevention Practices in the Intensive Care Unit: Real-world Data Captured by a Wearable Patient Sensor** *WOUNDS-A COMPENDIUM OF CLINICAL RESEARCH AND PRACTICE*
Pickham, D., Pihulic, M., Valdez, A., Mayer, B., Duhon, P., Larson, B.
2018; 30 (8): 229–34
- **ELECTROCARDIOGRAPHIC CORRELATES OF ACUTE ALLOGRAFT REJECTION AMONG HEART TRANSPLANT RECIPIENTS** *AMERICAN JOURNAL OF CRITICAL CARE*
Hickey, K. T., Sciacca, R. R., Chen, B., Drew, B. J., Pickham, D., Carter, E. V., Castillo, C., Doering, L. V.
2018; 27 (2): 145–50
- **Human Technology Teamwork: Enhancing the Communication of Pain Between Patients and Providers** *DESIGN THINKING RESEARCH: MAKING DISTINCTIONS: COLLABORATION VERSUS COOPERATION*
Shluzas, L., Pickham, D., Plattner, H., Meinel, C., Leifer, L.
2018: 313–25
- **QT Corrections for Long QT Risk Assessment: Implications for the Preparticipation Examination.** *Clinical journal of sport medicine : official journal of the Canadian Academy of Sport Medicine*
Hadley, D., Hsu, D., Pickham, D., Drezner, J. A., Froelicher, V. F.
2017
- **Clostridium difficile rates in asymptomatic and symptomatic hospitalized patients using nucleic acid testing.** *Diagnostic microbiology and infectious disease*
Truong, C., Schroeder, L. F., Gaur, R., Anikst, V. E., Komo, I., Watters, C., McCalley, E., Kulik, C., Pickham, D., Lee, N. J., Banaci, N.
2017; 87 (4): 365-370
- **Effect of a wearable patient sensor on care delivery for preventing pressure injuries in acutely ill adults: A pragmatic randomized clinical trial (LS-HAPI study)** *INTERNATIONAL JOURNAL OF NURSING STUDIES*
Pickham, D., Berte, N., Pihulic, M., Valdez, A., Mayer, B., Desai, M.
2017; 80: 12–19
- **Clinical and gender differences in heart transplant recipients in the NEW HEART study.** *European journal of cardiovascular nursing*
Hickey, K. T., Doering, L. V., Chen, B., Carter, E. V., Sciacca, R. R., Pickham, D., Castillo, C., Hauser, N. R., Drew, B. J.
2017; 16 (3): 222-229
- **VITAMIN D DEFICIENCY IN HEMATOPOIETIC CELL TRANSPLANT AND A POTENTIAL BUFFERING OF ACUTE GVHD BY SUPPLEMENTATION**
DuPuis-Rosen, L., Coghlin-Dickson, T., Tierney, K., Johnston, L., Pickham, D.
ONCOLOGY NURSING SOC.2017
- **QTc prolongation may be a late biomarker of orthotopic heart transplantation (OHT) rejection (vol 49, pg 928, 2016)** *JOURNAL OF ELECTROCARDIOLOGY*
Hickey, K. T., Doering, L. V., Chen, B., Sciacca, R. R., Carter, E. V., Pickham, D., Castillo, C., Drew, B. J.

2017; 50 (2): 268

- **A Multidisciplinary Initiative to Increase Inpatient Discharges Before Noon** *JOURNAL OF NURSING ADMINISTRATION*
Kane, M., Weinacker, A., Arthofer, R., Seay-Morrison, T., Elfman, W., Ramirez, M., Ahuja, N., Pickham, D., Hereford, J., Welton, M.
2016; 46 (12): 630-635
- **QTc Prolongation May Be a Late Biomarker of Orthotopic Heart Transplantation (OHT) Rejection.** *Journal of electrocardiology*
Carter, E. V., Castillo, C., Chen, B., Doering, L. V., Drew, B. J., Hickey, K. T., Pickham, D., Sciacca, R. R.
2016; 49 (6): 928-929
- **Optimizing QT Interval Measurement for the Preparticipation Screening of Young Athletes.** *Medicine and science in sports and exercise*
Pickham, D., Hsu, D., Soofi, M., Goldberg, J. M., Saini, D., Hadley, D., Perez, M., Froelicher, V. F.
2016; 48 (9): 1745-1750
- **Basic Cardiac Electrophysiology and Common Drug-induced Arrhythmias.** *Critical care nursing clinics of North America*
Lee, A., Pickham, D.
2016; 28 (3): 357-371
- **Electrocardiographic indicators of acute coronary syndrome are more common in patients with ambulance transport compared to those who self-transport to the emergency department journal of electrocardiology.** *Journal of electrocardiology*
Zègre-Hemsey, J. K., Pickham, D., Pelter, M. M.
2016
- **Evaluating optimal patient-turning procedures for reducing hospital-acquired pressure ulcers (LS-HAPU): study protocol for a randomized controlled trial** *TRIALS*
Pickham, D., Ballew, B., Ebong, K., Shinn, J., Lough, M. E., Mayer, B.
2016; 17
- **DESIGN AND VALIDATION OF A DYNAMIC DIGITAL RULER FOR HANDS-FREE CHRONIC WOUND ASSESSMENT**
Dumesnil, E., Konda, D., Aldaz, G., Ookhin, H., Pickham, D., Shluzas, L., ASME
AMER SOC MECHANICAL ENGINEERS.2016
- **Design Thinking in Health IT Systems Engineering: The Role of Wearable Mobile Computing for Distributed Care** *DESIGN THINKING RESEARCH: TAKING BREAKTHROUGH INNOVATION HOME*
Shluzas, L., Aldaz, G., Pickham, D., Leifer, L., Plattner, H., Meinel, C., Leifer, L.
2016: 87–100
- **Limitations of Current AHA Guidelines and Proposal of New Guidelines for the Preparticipation Examination of Athletes** *CLINICAL JOURNAL OF SPORT MEDICINE*
Dunn, T. P., Pickham, D., Aggarwal, S., Saini, D., Kumar, N., Wheeler, M. T., Perez, M., Ashley, E., Froelicher, V. F.
2015; 25 (6): 472-477
- **Intensive Care Utilization for Hematopoietic Cell Transplant Recipients** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*
Jenkins, P., Johnston, L. J., Pickham, D., Chang, B., Rizk, N., Tierney, D. K.
2015; 21 (11): 2023-2027
- **Lean Manufacturing Improves Emergency Department Throughput and Patient Satisfaction.** *journal of nursing administration*
Kane, M., Chui, K., Rimicci, J., Callagy, P., Hereford, J., Shen, S., Norris, R., Pickham, D.
2015; 45 (9): 429-434
- **Are the QRS duration and ST depression cut-points from the Seattle criteria too conservative?** *JOURNAL OF ELECTROCARDIOLOGY*
Dunn, T., Abdelfattah, R., Aggarwal, S., Pickham, D., Hadley, D., Froelicher, V.
2015; 48 (3): 395-398
- **Pre-participation screening for athletes and the role of advanced practice providers** *JOURNAL OF ELECTROCARDIOLOGY*
Pickham, D., Chan, G., Carey, M.
2015; 48 (3): 339-344
- **Hands-Free Image Capture, Data Tagging and Transfer Using Google Glass: A Pilot Study for Improved Wound Care Management** *PLOS ONE*
Aldaz, G., Shluzas, L. A., Pickham, D., Eris, O., Sadler, J., Joshi, S., Leifer, L.
2015; 10 (4)

- **Prevalence of Vitamin D Deficiency in Mlogeneic HCT Recipients and Its Association with Graft Versus Host Disease**
Rosen, L., Dickson, T., Tierney, D., Johnston, L., Pickham, D.
ELSEVIER SCIENCE INC.2015: S280
- **TEACHING NURSES CAD: IDENTIFYING DESIGN SOFTWARE LEARNING DIFFERENCES IN A NON-TRADITIONAL USER DEMOGRAPHIC**
Stephenson, K., Pickham, D., Shluzas, A., Weber, C., Husung, S., Cantamessa, M., Cascini, G., Marjanovic, D., Venkataraman, S.
DESIGN SOC.2015
- **Health behaviors and needs of melanoma survivors** *SUPPORTIVE CARE IN CANCER*
Palesh, O., Aldridge-Gerry, A., Bugos, K., Pickham, D., Chen, J. J., Greco, R., Swetter, S. M.
2014; 22 (11): 2973-2980
- **Comparison of three ECG criteria for athlete pre-participation screening** *JOURNAL OF ELECTROCARDIOLOGY*
Pickham, D., Zarafshar, S., Sani, D., Kumar, N., Froelicher, V.
2014; 47 (6): 769-774
- **Hyperglycemia Is Associated With Corrected QT Prolongation and Mortality in Acutely Ill Patients** *JOURNAL OF CARDIOVASCULAR NURSING*
Pickham, D., Flowers, E., Drew, B. J.
2014; 29 (3): 264-270
- **Electrocardiographic abnormalities in the first year after heart transplantation** *JOURNAL OF ELECTROCARDIOLOGY*
Pickham, D., Hickey, K., Doering, L., Chen, B., Castillo, C., Drew, B. J.
2014; 47 (2): 135-139
- **Understanding and Documenting QT Intervals** *CRITICAL CARE NURSE*
Pickham, D.
2013; 33 (4): 73-75
- **WOMAN WITH RISKS FOR TORSADES DE POINTES DYING WITHIN HOURS OF LEAVING THE EMERGENCY DEPARTMENT** *JOURNAL OF EMERGENCY NURSING*
Pickham, D., Sickler, K.
2013; 39 (1): 53-56
- **Measurement and rate correction of the QT interval.** *AACN advanced critical care*
Pickham, D., Hasanien, A. A.
2013; 24 (1): 90-96
- **Time dependent history improves QT interval estimation in atrial fibrillation** *JOURNAL OF ELECTROCARDIOLOGY*
Pickham, D., Mortara, D., Drew, B. J.
2012; 45 (6): 556-560
- **Feasibility and compliance with daily home electrocardiogram monitoring of the QT interval in heart transplant recipients** *HEART & LUNG*
Carter, E. V., Hickey, K. T., Pickham, D. M., Doering, L. V., Chen, B., Harris, P. R., Drew, B. J.
2012; 41 (4): 368-373
- **QUASI-EXPERIMENTAL STUDY TO IMPROVE NURSES' QT-INTERVAL MONITORING: RESULTS OF QTIP STUDY** *AMERICAN JOURNAL OF CRITICAL CARE*
Pickham, D., Shinn, J. A., Chan, G. K., Funk, M., Drew, B. J.
2012; 21 (3): 195-200
- **Remote noninvasive allograft rejection monitoring for heart transplant recipients: study protocol for the novel evaluation with home electrocardiogram and remote transmission (NEW HEART) study** *BMC CARDIOVASCULAR DISORDERS*
Doering, L. V., Hickey, K., Pickham, D., Chen, B., Drew, B. J.
2012; 12
- **High prevalence of corrected QT interval prolongation in acutely ill patients is associated with mortality: Results of the QT in Practice (QTIP) Study** *CRITICAL CARE MEDICINE*
Pickham, D., Helfenbein, E., Shinn, J. A., Chan, G., Funk, M., Weinacker, A., Liu, J., Drew, B. J.
2012; 40 (2): 394-399

- **High Prevalence of QT Interval Prolongation in Hospitalized Patients is Linked to Mortality: Results of the QT in Practice (QTIP) Study**
Pickham, D., Shinn, J., Funk, M., Drew, B. J.
LIPPINCOTT WILLIAMS & WILKINS.2010
- **How many patients need QT interval monitoring in critical care units? Preliminary report of the QT in Practice study** *35th Annual Conference of the International-Society-for-Computerized-Electrocardiology*
Pickham, D., Helfenbein, E., Shinn, J. A., Chan, G., Funk, M., Drew, B. J.
CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.2010: 572–76
- **QT/QTc INTERVAL MONITORING IN THE EMERGENCY DEPARTMENT** *JOURNAL OF EMERGENCY NURSING*
Pickham, D., Drew, B. J.
2008; 34 (5): 428-434