

Paul Barach, BSc, MD, MPH, Maj (ret.)

Dr Barach has extensive experience in working with clinicians, and managing large health care and broader public sector engagements as a hospital executive, and advising and consulting to academic medical centers and hospitals, government and industry on healthcare delivery, revenue optimization, process improvement, patient safety and innovation.

Dr Barach is a Clinical Professor at Wayne State University School of Medicine, Senior Medical Director at the Advisory Board Company, and Principal and founder of J Bara Innovation. Paul is double board-certified in Anesthesiology and Critical care, from the Massachusetts General Hospital affiliated with Harvard Medical School. He is a formally trained health services researcher, with advanced post graduate training in quality improvement and lean techniques at Intermountain Healthcare, and in advanced medical education and assessment methods from the Harvard Medical School Josiah Macy Program.

J Bara innovation (JBI) is a international patient safety and reliability consulting and coaching firm with capabilities that bring the critical dimension of safety to a suite of performance improvement solutions. JBI focuses on safety as providers strive to reduce suffering and achieve sustainable clinical, operational and financial performance improvement. JBI has rigorous analytics and expert coaching capabilities and a suite of improvement solutions that can deliver significant benefit to our clients. We offer strategic on-site support and ethnographic diagnostic assessment that enables further investment in new and innovative approaches to improving the overall experience of care. JBI offers specialized expertise in improving human performance in complex systems, using quantitative and qualitative methods based on reliability science and industry best practices. We bring considerable value to health care organizations by aiding in the mission to improve the safety, quality and patient experience of care while improving operational efficiency.

Paul was Senior Scientist at the Kaiser Permanente Department of Research and Evaluation, Chief Quality Officer for the University of Miami and Jackson Memorial Healthcare System, Associate Dean for Patient Safety, and Founder and Director of the one the first simulation and skills training centers, the Miami Center for Patient Safety and Simulation. He was editor of the journal *BMJ Quality and Safety*, a Baldrige and National Quality Forum examiner, member of the National Board of Medical Examiner's Innovation Board, member of the MA Medical Society, the AMA Council on Long Range Planning, member of the American Society of Anesthesia Clinical Outcomes Committee, and was inducted in 2005 into the honorary society for Anesthesia leaders (AUA). He was on faculty at the University of Cork, Ireland, University of Chicago, University of Miami, Utrecht Medical Center and the University of South Florida. He was editor the lead journal on quality improvement and patient safety, *the BMJ Quality and Safety*.

Paul has taught quality improvement, human factors, patient safety and systems re-design to undergraduate/graduate and post graduate providers and managers for over 15 years in US, Europe, and Australasia, including as leader of the Harvard Quality Colloquium Patient Safety Certificate Program <http://qualitycolloquium.com/past6/certificate.html>. Most recently he co-created the Health Management Asia Patient Safety Officer training program for clinical and executive leaders from 21 countries—see <http://www.hospitalmanagementasia.com/patient-safety-officer-certificate-program/>, and, <http://www.hospitalmanagementasia.com/podcasts/>. His research examines the changing nature of surgical health systems, transitions of care, teamwork, standards and accreditation, leadership and management, the structure and culture of organizations and their network characteristics, attracting funding of more than \$14 Million including leading \$5 million 6 country study on readmission management and patient handover www.handover.eu; He co-developed the award winning, and national standardized team training program--TeamSTEPPS program, designed to create a culture of patient safety and improved communication See <http://teamstepps.ahrq.gov/>. He has conducted a great deal of work over two decades on clinical and organizational performance, health systems improvement and patient safety. Dr Barach has participated in and/or lead numerous surgical improvement projects, many related to care transitions, surgical site infections and adverse event prevention and patient centered care. He is presently part of PCORI's ACHIEVE federal project and VA HSRD Handover 2.0 project.

He has published over 400 publications/5100 citations and has presented at international and national conferences on more than 500 occasions, including over 60 keynote addresses. His research appears in journals such as *British Medical Journal*, *Analgesia and Anesthesia*, *Annals of Internal Medicine*, *Annals of Thoracic Surgery*, *Medical Care Journal of the American Medical Association*, *BMJ Quality and Safety*, and many other prestigious journals. Dr Barach co-authored the WHO report Exploring patient participation in reducing health-care-related safety risks, (<http://www.euro.who.int/en/publications/abstracts/exploring-patient-participation-in-reducing-health-care-related-safety-risks>), and co-edited a 2-volume book with Professors Lipshultz, Jacobs and Laussen (*Safety and Quality in Pediatric and Congenital Cardiac Care*, Springer 2014, (<http://link.springer.com/book/10.1007/978-1-4471-6566-8?no-access=true>), and another book with Professor Johnson and Haskell on *Patient Stories (Case Studies in Patient Safety Foundations for Core Competencies*, Bartlett, 2015, (<http://www.jblearning.com/catalog/9781449681548/>)). His book on *Surgical Patient Care: Improving Safety, Quality and Value: Theory and Practice*, with Professors Sanchez, Johnson, and Jacobs, will be published in 2016, and a book on *Optimizing Patient Transitions and Handovers of Care*, with Professors Vimla Patel, Julie Johnson and Vineet Arora is scheduled for 2016 publication.

Further details can be found at: <https://www.linkedin.com/in/paulbarach> and <https://uiowa.academia.edu/paulBarach> and, the publications can be viewed at https://www.researchgate.net/profile/Paul_Barach/publications/?pubType=article&ev=prf_pubs_art.