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Dr. Fairbanks is the founding director of the National Center for Human Factors in Healthcare and assistant vice president, Ambulatory Quality & Safety, MedStar Health, a not for profit healthcare system in the Baltimore, Maryland, and Washington DC region, with 10 hospitals and 280 outpatient sites. Dr. Fairbanks also serves MedStar Health as the associate director of the MedStar Institute for Innovation where he leads innovation in safety, and serves as co-director of the MedStar Telehealth Innovation Center. Dr. Fairbanks, a board certified emergency physician, practices at the MedStar Washington Hospital Center in Washington, DC, and is associate professor of Emergency Medicine at Georgetown University. Trained in safety science prior to entering medical school, Dr. Fairbanks holds a master’s degree in human factors engineering/industrial systems engineering, and an academic appointment as adjunct associate professor of Industrial Systems Engineering at the University of Buffalo. A licensed pilot, former paramedic, EMS Medical Director, Dr. Fairbanks uses his safety engineering background to apply the science of safety and human factors engineering to medical systems. His work is funded by the NIH, AHRQ, ONC, and several foundations. He has served in many national and international advisory roles in healthcare safety, including as a member of the National Patient Safety Foundation Board of Advisors, Association for the Advancement of Medical Instrumentation (AAMI) Board of Directors, the POLITICO Health IT Advisory Forum, a Health Research and Education Trust (HRET) Senior Fellow, member of the UK Health IT Advisory Committee, and in advisory roles for Pew Charitable Trusts, American Medical Association, and for the United States, Australian, Spanish and British governments. Dr. Fairbanks has authored more than 120 publications and a book on healthcare safety and human factors engineering, and is listed in this year’s Becker’s Hospital Review “Top 50 Experts Leading the Field of Patient Safety.”