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David M. Kent, MD, MS is Director of the Tufts Predictive Analytics and Comparative Effectiveness (PACE) Center, at the Institute for Clinical Research and Health Policy Studies (ICRHPS), Tufts Medical Center, Director of the Clinical and Translational Science (CTS) MS/PhD Program, at the Sackler School of Graduate Biomedical Sciences, Tufts University and Professor of Medicine, Neurology, and CTS at Tufts Medical Center/Tufts University School of Medicine. The main research interest at PACE is to better understand and address the limitations of using group-derived evidence as the basis for decision making in individuals. Dr. Kent is a clinician-methodologist with a broad background in clinical epidemiology with a focus on predictive modeling, individual patient data meta-analysis, and observational comparative effectiveness research. His applied research spans several fields, but is concentrated mostly in cardiovascular disease (especially stroke). In addition to this applied work, his work also addresses methodological issues in how to employ risk-modeling approaches to clinical trial analysis to better understand heterogeneous treatment effect (HTE). Dr. Kent is currently PI of several grants including 3 PCORI grants—including a recently awarded one-in-the-nation Predictive Analytics Resource Center (PARC) grant-- and an NIH U award on these topics, as well as PI of a R01 NIH comparative effectiveness project which examines silent brain infarction through natural language processing and big data. In addition, a considerable portion of his time is spent educating and mentoring future clinical researchers, as Director of the CTS MS/PhD Program, Professor of Medicine at the Sackler School of Graduate Biomedical Sciences, and Director and PI of a NIH funded Training Program for Postdoctoral Trainees.