

Recent Publications

Lee VS, **Kawamoto K**, Hess R, et al. Implementation of a value-driven outcomes program to identify high variability in clinical costs and outcomes and association with reduced cost and improved quality. *JAMA*. 2016 Sep 13;316(10):1061-72. <https://www.ncbi.nlm.nih.gov/pubmed/27623461>

Kawamoto K, Martin CJ, Williams K, et al. Value Driven Outcomes (VDO): a pragmatic, modular, and extensible software framework for understanding and improving health care costs and outcomes. *J Am Med Inform Assoc*. 2015 Jan;22(1):223-35. <https://www.ncbi.nlm.nih.gov/pubmed/25324556>

Tcheng JE, Bakken S, Bates DW, Bonner H III, Gandhi TK, Josephs M, **Kawamoto K**, Lomotan EA, Mackay E, Middleton B, Teich JM, Weingarten S, Hamilton Lopez M, editors. 2017. *Optimizing Strategies for Clinical Decision Support*. Washington, DC: National Academy of Medicine. <https://nam.edu/optimizing-strategies-clinical-decision-support/>

Kawamoto K, Hongsermeier T, Wright A, Lewis J, Bell DS, Middleton B. Key principles for a national clinical decision support knowledge sharing framework: synthesis of insights from leading subject matter experts. *J Am Med Inform Assoc*. 2013 Jan 1;20(1):199-207. <https://www.ncbi.nlm.nih.gov/pubmed/22865671>

Kensaku Kawamoto, MD, PhD, MHS, FACMI

Dr. Kawamoto is Associate Chief Medical Information Officer for University of Utah Health and Vice Chair of Clinical Informatics for the University of Utah Department of Biomedical Informatics. Dr. Kawamoto earned his B.A. in biochemical sciences from Harvard University, and he earned his M.D., Ph.D. in biomedical engineering with a focus on biomedical informatics, and M.H.S. in clinical research from Duke University. At the University of Utah, Dr. Kawamoto chairs the Clinical Decision Support committee and is a leader of the University's Interoperable Apps and Services (IAPPS) initiative, which is a multi-stakeholder effort to enable standards-based, interoperable applications and software services to improve health and health care.

Dr. Kawamoto is also a co-solution architect of the Value Driven Outcomes (VDO) framework for analyzing and improving care value. Beyond the University of Utah, Dr. Kawamoto co-chairs the Clinical Decision Support Work Group of Health Level 7 International (HL7), the primary standards development organization in health IT. He has also served as Initiative Coordinator for the U.S. Health eDecisions and Clinical Quality Framework ini-



Associate Chief Medical Information Officer
University of Utah Health

Vice Chair of Clinical Informatics
University of Utah Department of
Biomedical Informatics

tiatives for developing and validating interoperability standards for clinical decision support and clinical quality measurement.

Dr. Kawamoto founded and directs OpenCDS (www.opencds.org), which is a multi-institutional initiative to enable advanced, standards-based, and open-source clinical decision support at scale. Dr. Kawamoto is also a member of the U.S. Health IT Advisory Committee, which provides guidance to the U.S. Office of the National Coordinator for Health IT on policies, standards, implementation specifications, and certification criteria related to health information technology.