DIABETES TECHNOLOGY SOCIETY

PRESS RELEASE

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iCoDE 2

Integration of Connected Diabetes Device Data into the Electronic Health Record

DIABETES TECHNOLOGY SOCIETY ANNOUNCES RELEASE OF ICODE-2: ELECTRONIC HEALTH RECORD INTEGRATION STANDARDS AND RECOMMENDATIONS FOR INSULIN DELIVERY DATA

January 7, 2026 – Burlingame, CA – Diabetes Technology Society (DTS) today announced the public release of the iCoDE-2 report, which builds on the 2022 iCoDE foundation for continuous glucose monitor-electronic health record (CGM-EHR) integration and extends this initiative to connected insulin delivery systems: smart pens, pumps, and automated insulin delivery (AID) systems.

This document is a comprehensive and practical guide for organizations and hospitals that want to implement automatic integration of insulin delivery data into the EHR. The iCoDE-2 steering committee, composed of cross-disciplinary experts from around the world, finalized and adopted 41 recommendation statements to accelerate meaningful use of insulin delivery data alongside CGM data. DTS plans to host the iCoDE-2 canonical insulin data model online and iterate it over time as manufacturers and other stakeholders contribute additional concepts and domains.

According to Dr. Juan C. Espinoza, Chief Research Informatics Officer at the Stanley Manne Children's Research Institute at Ann & Robert H. Lurie Children's Hospital of Chicago, Associate Professor of Pediatrics at Northwestern University Feinberg School of Medicine, and co-Chair of the iCoDE-2 Project, "iCoDE-1 could provide highly actionable implementation guidance because CGM data is relatively standardized. With iCoDE-2, we're addressing insulin delivery data—where device diversity, data complexity, and uneven interoperability readiness across manufacturers, aggregators, and EHRs create real friction. iCoDE-2 is a North Star: an aligned blueprint for building toward seamless insulin delivery data integration into the EHR."

The report introduces the Insulin Dosing Profile (IDP), a standardized, vendor-neutral visualization for summarizing insulin delivery data in a consistent format. According to Dr. David C. Klonoff, Director of the Diabetes Research Institute at Mills-Peninsula Medical Center (Sutter Health) and co-chair of the iCoDE-2 Project, "The Insulin Dosing Profile is a major step forward because it makes insulin delivery data interpretable across settings. If clinicians can review insulin and glucose patterns together quickly and reliably, it lowers friction and accelerates adoption of insulin-device data integration in real-world care."

As the convening body of iCoDE, DTS assembled stakeholders in diabetes digital health from major diabetes device manufacturers, government agencies, academic leaders in health informatics, medicine, nursing, IT, ontology, privacy, and cybersecurity, as well as patient advocates. Most participants in the project were from the US. Non-US participants were from Australia, Canada, Denmark, France, India, Israel, Japan, Norway, the Republic of Korea, and Taiwan.

AVAILABILITY

iCoDE-2 is available for downloading at: **https://www.diabetestechnology.org/icode2**

ABOUT DIABETES TECHNOLOGY SOCIETY

DTS is a nonprofit organization committed to promoting development and use of technology in the fight against diabetes. The DTS mission is to spearhead collaborative efforts by experts in academia, clinical practice, industry, and government to accelerate development of practical technology for treating, monitoring, diagnosing, and preventing diabetes mellitus and its complications. For more information visit **https://www.diabetestechnology.org**.

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