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Integration of
Continuous Glucose Monitor
Data into the
Electronic Health Record

DIABETES TECHNOLOGY SOCIETY ANNOUNCES RELEASE OF ICODE: A CONSENSUS STANDARD FOR INTEGRATION OF CONTINUOUS GLUCOSE MONITORING DATA INTO THE ELECTRONIC HEALTH RECORD

November 7, 2022 – Burlingame, CA – Diabetes Technology Society today announced the public release of the iCoDE standard, which is the first consensus standard for integration into the electronic health record of data from a wearable device. This document is a comprehensive and practical guide for any organization or hospital that wants to implement a program for automatic integration of continuous glucose monitoring (CGM) data into the electronic health record. iCoDE was developed by a steering committee of over 130 experts in healthcare, manufacturing, information technology, regulation, and policy. The goals of the iCoDE project are to develop 1) technical specifications to integrate CGM data into the EHR and 2) workflows and guidelines to facilitate data integration efforts.

According to Dr. Juan Espinoza, Associate Professor of Clinical Pediatrics at the University of Southern California and Children’s Hospital Los Angeles, and co-Chair of the iCoDE Steering Committee, “The intent behind iCoDE is to demystify, simplify, and clearly outline the data integration process so that healthcare organizations of all types can start focusing on what matters: using data to deliver better care to patients.”

According to Dr. David Klonoff, Medical Director of the Diabetes Research Institute at Mills-Peninsula Medical Center (Sutter Health) and co-chair of the iCoDE steering committee, “iCoDE provides a consensus pathway for integration of CGM data into the EHR, which will make it easier for patients and clinicians to work with CGM data, and will result in better management decisions and improved outcomes. The processes described in iCoDE can also be used in the future to integrate sensor data from other wearable devices into the EHR to overcome one of the biggest barriers to widespread adoption of digital health sensors.”

As the convening body of iCoDE, Diabetes Technology Society assembled stakeholders in diabetes digital health from the four largest CGM companies, other 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 is available for downloading at: <https://www.diabetestechology.org/icode/>

ABOUT DIABETES TECHNOLOGY SOCIETY

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.diabetestechology.org>

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