

First diabetes prototype app with integrated online community

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Royal Philips and Netherlands-based Radboud university medical center (Radboudumc) today introduced a connected digital health prototype that enables people living with diabetes and their health care providers to make more confident care decisions while managing the complexity of diabetes self-care. In its first phase, the solution both organizations are developing will focus on patients living with diabetes type 1.

The system, consisting of a mobile patient app and online community, is the first to collect and connect data from [electronic medical records](#), multiple personal health devices – including wireless glucose meters and activity monitors – and patient self-reported data. Via a smartphone or tablet, the app gives patients continuous access to important parameters such as blood glucose levels, insulin use, and nutrition and provides coaching guidance at home and on the go. The secure online community is where enrolled patients and healthcare professionals can interact via private messaging or shared posts within a healthcare organization's clinical guidelines. In this way, patients can get feedback from their care team using the combined data and can easily share experiences with fellow patients, clinicians and caregivers.

The collaborative prototype development among Philips, Radboudumc and Salesforce is available in pilot release by the end of year, with plans to introduce similar connected care solutions addressing other chronic conditions.

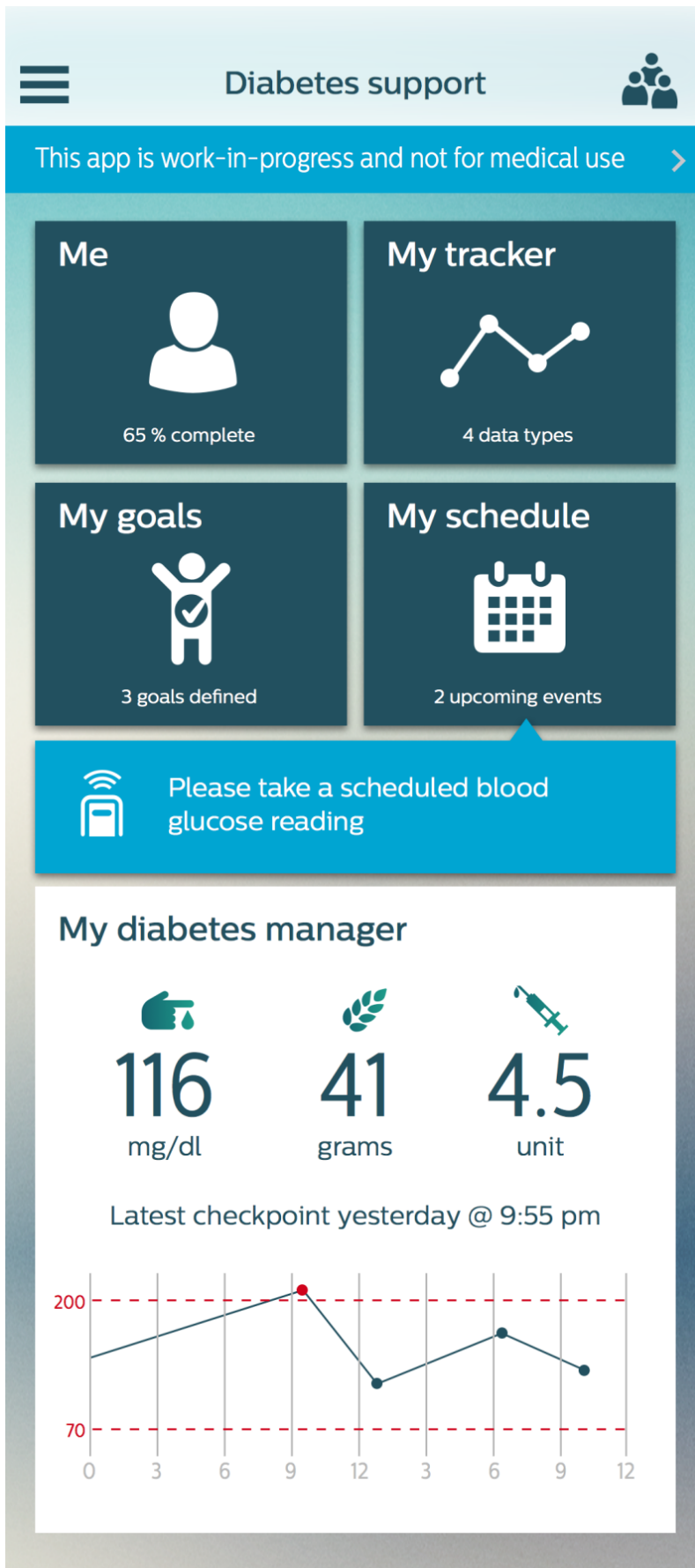
Supporting a critical population with a complex condition

Diabetes is a prevalent, chronic condition that is costly in terms of human suffering and global healthcare spending¹ with nearly 400 million people worldwide living with the disease². It is often associated with a variety of other chronic diseases. On average, people with diabetes make up to 180 decisions³ about their health every day, collecting and evaluating valuable information on personal and medical factors from blood sugar levels to exercise to food choices. The care team of people living with diabetes can add up to more than 10 different types of care providers⁴. This makes living with diabetes complex to self-manage and for many also very stressful.

"I am excited that we are providing people with diabetes the tools to connect all of their relevant health data and devices. Our system allows sharing of data and experiences in one community, where they can collaborate with fellow patients and their care teams in a secure environment," said Jeroen Tas, CEO Healthcare Informatics Solutions and Services, Philips. "There is a growing need for solutions that enhance self-management and continuity of care for those with chronic conditions such as diabetes to reduce health deterioration, re-admissions and mortality rates. This system has been designed by patients for patients and is enabling fully integrated health management and care delivery in a new, connected, efficient and highly patient-centric way."

"We want to encourage and support people to take full command of their disease by providing them with the right decision tools. This fits in our mission towards patient-centered participatory [health care](#) at Radboudumc," said Cees Tack, Professor in internal medicine at Radboudumc. "Empowering patients to be true partners in their own health care by giving them access to their data and by facilitating collaboration is the key to driving change across populations," Lucien Engelen, Director REshape Center at Radboudumc added. "By collaborating with Philips, we're creating the digital framework necessary to make data actionable and transform how patients engage with their caregivers and social community."

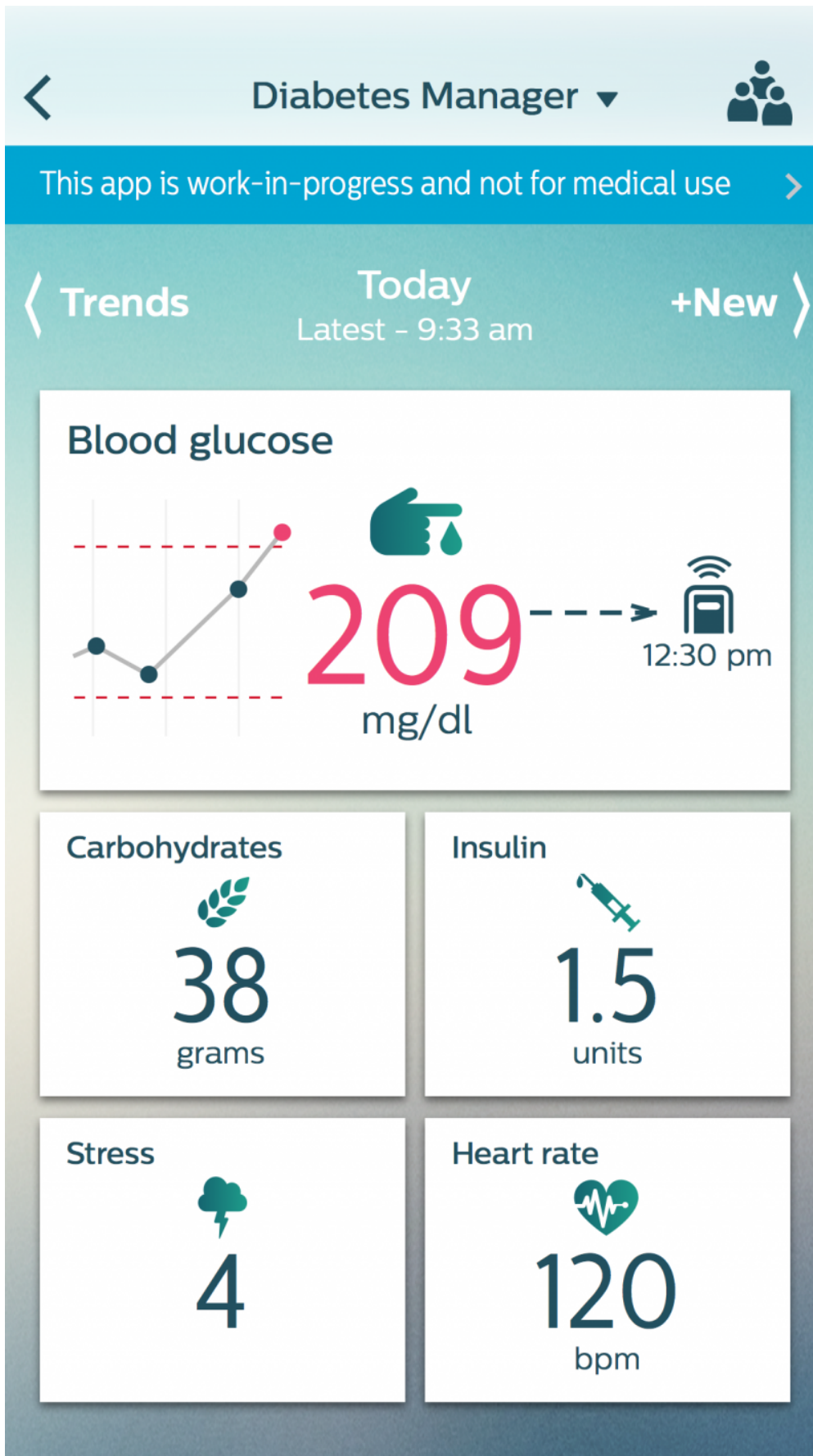
Enabled by the HealthSuite Digital Platform



The system is built on the Philips HealthSuite digital platform and its new CareCatalyst. This platform securely connects devices and collects, integrates and analyzes patient data from connected consumer and medical devices, electronic medical records, and [personal health data](#). Via this open digital platform, self-measurement sources and overall functionality can easily be extended as new digital health consumer measurement technologies become available. CareCatalyst is a digital toolkit that makes it easy for health systems, institutions and [care providers](#) to utilize the power of the HealthSuite digital platform in dedicated localized solutions.

Philips Personal Health Programs to stay healthier and help prevent illness

Further delivering on its commitment to support people throughout the full continuum of health, Philips also recently introduced the first in a series of personal health programs that empower consumers to stay healthier and help prevent illness. Each health program comprises connected [health](#) measurement devices, an app-based personalized program and secure, cloud-based data analysis built on the HealthSuite digital platform. Philips [personal health](#) programs will empower individuals: to measure vital signs to understand how lifestyle choices affect their body; to set goals and monitor their progress; and to stay motivated with intelligent programs, developed with leading doctors and psychologists, responding to individual progress and making personalized recommendations.



Provided by Philips

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