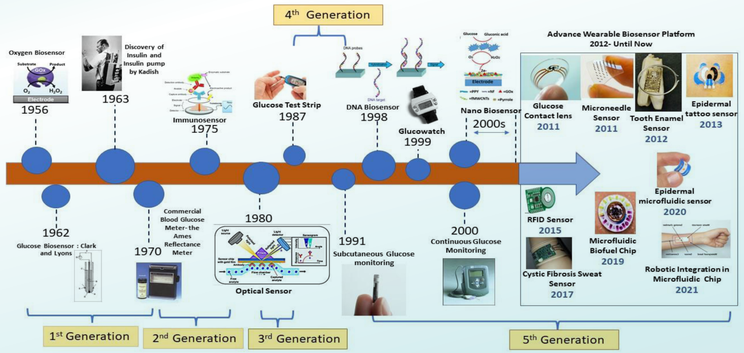
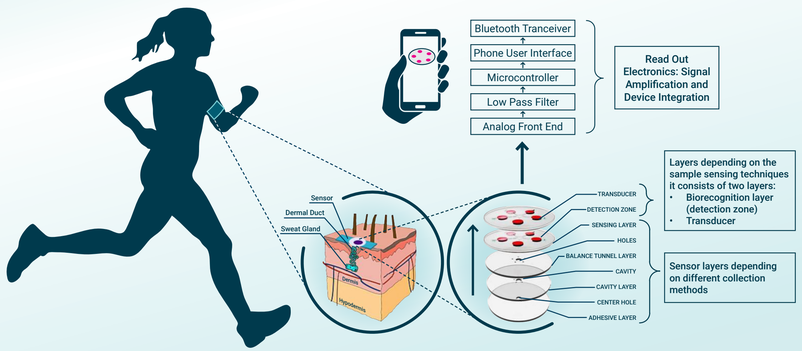
Strentex

‘NON-INVASIVE’ WEARABLE SWEAT-GLUCOSE MONITORING FOR DIABETES: WHERE IS IT NOW?

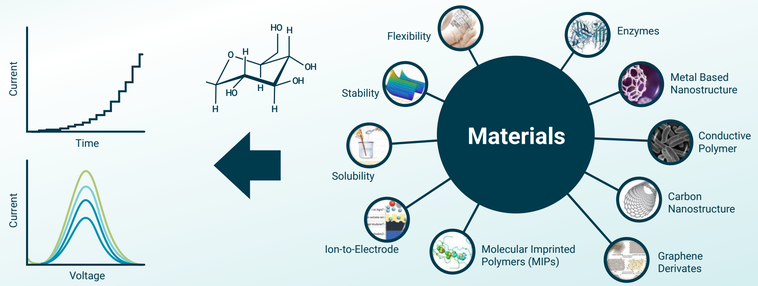
Historical Evolution of Wearables Biosensor, from the beginning to the present



Insight into Non-Invasive Sweat Glucose Sensing Technologies

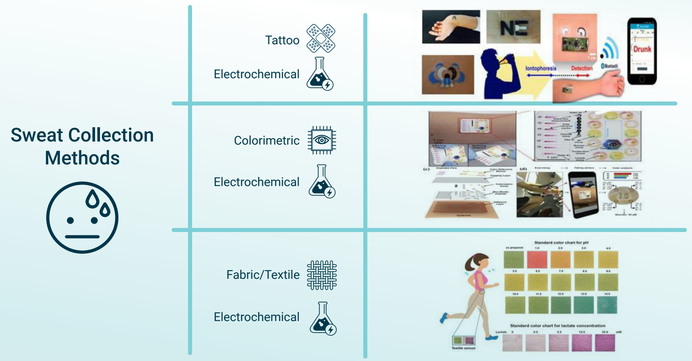


The material that is used to fabricate sweat glucose sensors is determined by criteria of the sensor’s application

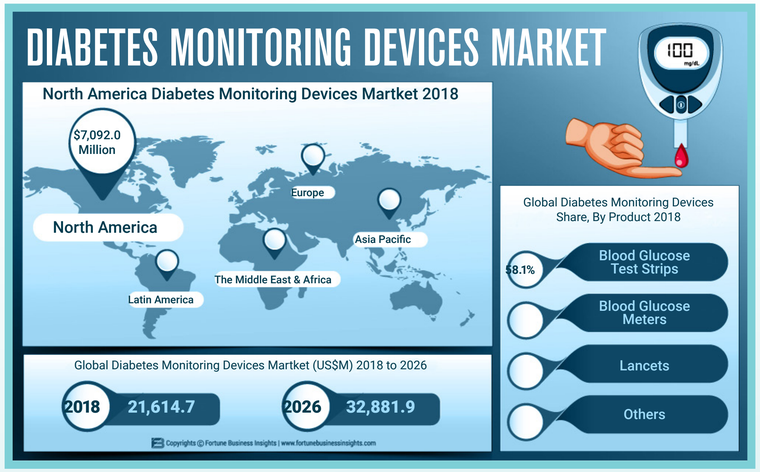


Frequently used electrochemical methods for the detection of sweat in real time

Sweat based wearable glucose monitoring



Summarized attributes for the potential market in different regions for wearable sweat glucose sensors according to the business reports from 2018–2027



The limitations show that the commercial production of wearable sweat glucose sensors is challenging but offers great promise to inspire more researchers to expedite the marketing of these wearable sensors. The common endeavor is to improve biological detection to provide better customized, predictive, and real-time healthcare and point-of-care services after addressing these problems with non-invasive wearable sweating technologies.

H. Zafar, A. Channa, V. Jeoti, **G. Stojanović**, Comprehensive Review on WearableSweat-Glucose Sensors for Continuous Glucose Monitoring, Sensors2022, 22, 638. https://doi.org/10.3390/s22020638

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