

The Global Market for Wearable Technology in Healthcare

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Abstracts

Wearable technology devices are increasingly being developed for the medical and healthcare markets, especially because of the growing number of patients overloading hospitals and medical centres. The market for flexible, wearable medical electronics products has grown in the past few years. Medical patches are utilized for continuously monitoring chronically ill patients, soldiers in combat, firemen, pilots, premature babies, structural health monitors, soft robotics, prosthetics etc.

Most wearable medical devices originally developed featured integrated circuits on solid substrates in rigid packages. However, these are mechanically incompatible with soft and curvilinear human body, which leads unreliable and unrepeatable measurement results due to unreliable skin contact and changing measurement locations. A growing number of wearable devices are based on flexible and stretchable skin sensors.

Report contents include:

Wearable healthcare technology market drivers and trends.

Full list of medical healthcare products including producer, product, functionalities and prices.

Markets covered for medical, healthcare and wellness include:

Smartwatches

Sports and fitness trackers

Smart glasses and head-mounted displays (VR, AR, MR, vision loss and eye trackers)

Electronic skin patches

Wearable health alert and monitoring devices

Minimally-invasive CGM sensors

Non-invasive CGM sensors

ECG sensors

PPG sensors

Pregnancy and newborn monitoring

Wearable temperature monitoring

Hydration sensors

Wearable sweat sensors (medical and sports)

Wearable drug delivery

Cosmetics patches

Smart footwear

Smart contact lenses

Smart wound care

Wearable exoskeletons

Medical hearables

Smart clothing

Stretchable artificial skin

Global market revenues for wearables in healthcare, historical and forecast to 2027, broken down by market.

Market challenges for wearables in healthcare.

193 company profiles. Companies profiled include 1drop Inc., Abbott Laboratories, ActionSense Ltd, AerBetic, Inc., Cosinuss GmbH, Debiotech S.A., Dexcom, dorsaVi Ltd, Ectosense, Elitac B.V., Epicore Biosystems, G-Tech Medical, Glucovation, Milo Sensors, Inc. and more.

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