

The Global Market for Wearable Electronic Skin Patches 2023-2033

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Abstracts

With growing interest in continuous health monitoring and wider concerns about public health, daily health care platforms are becoming increasingly important. The market for wearables such as smart watches and fitness trackers have boomed in recent years. Although these devices are widely used for monitoring biological signals, including heart rate, blood oxygen level, and blood pressure, there are issues with provision of accurate physiological information owing to the lack of conformal contact with the skin during daily activities. This has led to the development of electronic skin (e-skin) patches, which noninvasively detect signals on the skin with conformal contact. Applications include:

diagnostics from sweat and interstitial fluid.

temperature, cardiovascular and hydration monitoring.

cosmetic treatments with electrical stimulation.

continuous glucose monitoring.

wrinkle removal via electrical stimulation.

wound healing of skin accelerated by ionic currents that can activate electromigration of keratinocytes.

iontophoretic drug delivery.

ergonomic human-machine.

motion sensing.

The Global Market for Wearable Electronic Skin Patches 2023-2033 provides an in depth analysis of the market for electronic skin patches, which is shaping the future of healthcare. Product areas covered include continuous glucose monitoring (CGN) skin patches, cardiovascular monitoring skin patches, temperature and respiratory rate monitoring, pregnancy and new born monitoring, electrical stimulation skin patches, hydration and sweat sensing skin patches, wound monitoring and care, motion sensing, medical implants, sleep trackers, wearable RFID, robotics, and wireless and self-powering skin patches.

Report contents include:

Insight into how healthcare is being transformed with data collection and monitoring through wearable electronic skin patches.

Global market revenues for electronic skin patches, by market, historical and forecast to 2033.

Analysis of electronic skin patches for disease prevention, clinical trials and chronic disease management

Opportunities and challenges

Overview of the future market for wearable electronic skin patches.

Profiles of 167 companies in the electronic skin patches market. Companies profiled include Amorepacific, AquilX, Biobeat Technologies Ltd., Epicore Biosystems Inc., Nutromics, Point Fit Technology, Samay, Vaxxas, Virility Medical, X-trodes and many more.

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