Advances in Wearable and Implantable Smart Electronics Skin for Real Time Medical Applications

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Abstract: Recent advancements in wearable and implantable smart electronics skin have opened up new possibilities for real-time medical applications. These devices are designed to be worn or implanted on the skin and can monitor a wide range of physiological parameters, including body temperature, heart rate, blood pressure, and oxygen saturation levels. The ability to monitor patients in real-time can aid in the diagnosis of medical conditions and alert healthcare professionals if there are any changes in a patient’s condition. Implantable sensors can also be used to monitor patients undergoing surgery or other medical procedures. Additionally, these devices can be used to deliver drugs or other therapies directly to the skin, providing targeted treatment for skin conditions. As these technologies continue to evolve, they have the potential to play an increasingly important role in healthcare.

Keywords: smart electronic skin, implantable sensor, Heart rate and Blood pressure.

REFERENCES