

Biomedical Devices

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Abstract: *Abstract-Biomedical devices have reauthititionized the healthcare industry: accurate diagnostics; efficient treatment; and monitoring of patients. Biomedical devices encompass the integration of engineering principles into the medical sciences to create a device for disease detection, pxvention. and care. The development of biosensors, wearable devices, and implantable devices has significantly contributed to the advancement of medial care. The focus of this paper will be on biomedical devices, discussing applications, technological developments, and future prospects. The integration of artificial intelligence, nanotechnology, and IoT has further expanded the potenital of biomedical devices in personalized healthcare.*

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