

(54) Title of the invention : Modern remote healthcare monitoring system using 5G with IoMT

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(57) Abstract :
The 5G cellular wireless technology has the potential to revolutionize healthcare by enabling advanced innovations such as extended reality, artificial intelligence, and remote medical monitoring. With its high speed and massive connection power, it will provide the necessary support for near real-time data transfer in the critical and time-sensitive domain of healthcare. As the smart healthcare market continues to grow, the demand for a large number of devices and machines with sensor-based applications will increase, leading to the need for Massive-Machine Type Communication. The future of smart healthcare is expected to be a combination of 5G and IoT technologies to enhance network coverage, performance, and security.

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