

THE ROLE OF INTERNET OF THINGS IN HEALTHCARE

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Before Internet of Things, patients' interactions with doctors were limited to visits, and tele and text communications. There was no way doctors or hospitals could monitor patients' health continuously and make recommendations accordingly [1].

The purpose of the report is to analyze the extent to which the Internet of Things is used in healthcare.

Today, medicine and all things related to human health are becoming promising applications of the latest technology. With the advent of the Internet of Things, the medical field has received tremendous opportunities to become more personalized and patient-centered. Moreover, technologies for remote diagnosis, treatment, operations, medicine logistics, staff, and patient monitoring, and much more are now available. In other words, some of the work of medical professionals can be done by "smart" devices. But this does not mean that they will soon replace doctors. In most cases, the key role will remain with humans, but IoT will help doctors and nursing staff to work much more efficiently.

Interestingly, more than half of the medical institutions that were surveyed see the Internet of Things as the first step, allowing them to fundamentally transform their business soon. To achieve these goals, however, more innovative technology than is currently available must be created and deployed to solve several problems that inhibit the mass adoption of the IoT [2-3].

Thus, combining the capabilities of IoT devices with medical equipment and creating digital repositories of patient information will raise the quality and efficiency of medical care to a new level, including preventive care. The potential that the Internet of Things can give to medicine is just beginning to unfold.

References

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