Editorial

Globalization of economy and rapid technological change occurring in the world are transforming society. The Brazilian society has big challenges. One of them is reviewing/changing the service model, which is centered on acute diseases, to a model based on the interaction between different sectors for integration of health services. Therefore, the challenge is political and financial and the goal is to ensure the right to health for all Brazilians.

The Internet of Things (IoT) emerged as a new technological revolution, which will change computing and communication and will shape a new society.

The IoT will make people and objects closer to each other from any devices, including home appliances, hospital equipment, medical records, sensors, mobile phones, and chips, which will be identified, linked to the internet for information exchange and common-interest decisions. This new mode of communication will generate a large amount of data (Big Data), which will be stored and available to people and will bring new business opportunities.

In the health area, we will have applications allowing real-time monitoring of patients' health status and hospital equipment with chips that send signals from patients to the medical staff. Moreover, we will have efficient and fast access to the internal network (for both professionals in hospitals and teams in field service) in the use of monitoring applications to obtain real-time information, including at critical points in the city where attention is needed.

The IoT has begun and will change our lives. Nothing will be as it was before. In the coming years, we will see things crucial to change the society in the XXI century. The world will reach a new stage of communication, global interaction, and expansion of human knowledge through all the virtual things/devices. Incorporating new healthcare technologies, with priority to solve unexpected difficulties with patients and caring for the elderly, will become the top priorities and challenges of this century.

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