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Smart Toilets and Toilet Gadgets in Sustainable Smart Cities: An Overview of Personal Health Monitoring

- C. C. Mbonu,
- · O. Kilanko,
- M. B. Kilanko &
- P. O. Babalola
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Abstract

Healthcare as a service in most developed countries has advanced more than just electronic medical records (EMR), automated hospital experience, hospital information systems, and the like of it. Healthcare services have attained the height of remote surgery, computer-aided surgery, and remote patient monitoring and care due to the advancements in information and communication technology coupled with the advancement in artificial intelligence (AI) ability on the Internet of things. The use of smart gadgets in the toilet capable of collecting data relevant to healthcare makes the gadget a

personal health monitoring device, which is a medical care supplement to traditional health monitoring. This provides an effective, non-invasive, non-destructive, low-cost, accuracy, and timesaving method of conducting health monitoring on the user in real time.

Keyword

- Smart city
- Sustainable city
- Sensors
- Personal health monitoring
- Data
- Urine

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• An overview of design and modeling. Journal of Medical Systems, 37(2), 9898.

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