Call for Papers

Special Issue on

The Future of Healthcare: Telemedicine, Public eHealth and Big Data

Increasing and aging populations with more chronic illnesses are straining health services in both developed and developing countries. E-health services may improve access to quality health information and improve self-management and thereby help alleviate the burden on health services. In addition, e-health can improve the quality of health services by increasing shared decision-making and by empowering patients.

E-health can be defined as the use of information and communication technology for the enablement or improvement of health care. A rapid technological development with increasing Internet access around the world and the pervasiveness of smartphones makes e-health relevant to all. E-health has expanded from web-based services to health apps, online video services, and social media, and new services and technologies are constantly being presented.

We welcome papers that address e-health services, especially from medical, psychological, and societal perspectives. The description of e-health services and their use, studies of why e-health services are used, the various outcomes of using such services, and how e-health services impact traditional health services are examples of topics that are within the scope of this Special Issue.

Potential Topics Include, but not limited to,

- Big data analytics for Telehealth care
- Medical Telehealth data management and mining
- Big data integration for Telehealth care
• Smart systems for e health
• Smart information retrieval for Telehealth care
• Smart monitoring for Telehealth
• Interactive e-communities for patients and caregivers, such as social media, social networks and social groups
• Smart teleconference systems for doctors and patients
• Visual analytics for Telehealth care
• Privacy and security concerns in Telehealth
• Smart healthcare villages or smart healthcare cities
• E-health/one health
• RFID and body sensors, Wearable sensors and Intelligent sensors
• Next-generation healthcare infrastructure
• Cost-effective home health monitoring
• Smart shirts
• Cloud computing in smart healthcare systems
• Health big data management in the cloud
• e-Health education

**Submission Instructions**

Authors are encouraged to discuss with a guest editor to determine the suitability of their intended submissions. Before submission authors should carefully read over the journal's Author Guidelines, which are located at [http://www.aspbs.com/jmihi/inst-auth_jmihi.htm](http://www.aspbs.com/jmihi/inst-auth_jmihi.htm). Prospective authors should submit an electronic copy of their complete manuscript through the journal Manuscript Tracking System at [http://mstracker.com/submit1.php?jc=jmihi](http://mstracker.com/submit1.php?jc=jmihi), according to the following timetable:

Original, high-quality contributions that are not yet published or that are not currently under review by other journals or peer-reviewed conferences are sought. Papers will be peer-reviewed by independent reviewers and selected based on originality, scientific quality and relevance to this Special Issue. The journal editors will make final decisions about the acceptance of the papers.

**Important Dates**

Submission Deadline: 31 May 2020
First Round notification: July 2020
Final Acceptance: August 2020
Publication Date: Decided by EIC

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