

Call for Papers for the Special Issue of Health Informatics Journal on “Emerging Technologies for Home Health Care”

For people with chronic conditions, people recovering from an illness or surgery, frail older people with complex needs, and people with disabilities, quality home health care and community services become vital to help them to live independently and well in their homes. Integrated care at home may help reduce their use of expensive inpatient care, help early discharge from hospitals and the delivery of rehabilitation programs. From the viewpoint of healthcare professionals, effective and continuous monitoring of patients’ health status and communication with patients are the basis of providing appropriate diagnosis, treatment, and care. However, home health care faces the challenges of patient education, patient self-management, patient-clinician communication and remote clinical monitoring. Further, it also requires health and social care workers from multiple backgrounds and different organizations and units (e.g. hospitals, subacute units, nursing homes, primary care services, community services) to work together. To improve the situation, much attention and research effort haven recently been paid to how to develop technologies and virtual platforms to support the monitoring of patient conditions, remote delivery of home health care, improve patients’ compliance to care programs as well as patient-clinician and clinician-clinician communications.



This special issue targets on new models and frameworks, novel technologies and systems that support and also address issues surrounding the patient monitoring and remote delivery of health services at home such as design, privacy, human factors, quality and perception of remote care verse face-to-face care, implementation and impact. The primary objective is to foster focused attention in this emerging area and to serve as forum for healthcare researchers and professionals to exchange and discuss the latest advances in technologies, evidences and issues in practices. Both research papers and review papers are welcome for submission. All submitted papers will be peer-reviewed and papers will be selected based on their quality and relevance to the theme of this special issue.

Topics considered for this special issue include, but are not limited to, the following:

- Smart home environments and innovative IoT applications that enable remote monitoring and home health care delivery
- Case studies, user studies, and application systems for remote monitoring and home health care delivery
- Social, cultural, ethical and privacy issues related to technology-supported home health care
- Comparison of remote delivery of home health care in comparison with other models of care

- New model, frameworks and practices of technology-supported integrated care at home and community
- Co-creation of technologies and systems with involved stakeholder communities
- System architecture, prototypes, and user interfaces for virtual home health care

Papers should address the above specific topics from system perspective and in the context of remote home health care in order to be considered for this special issue.

Schedule

Paper submission deadline: 31 Mar, 2020

Notification: 31 May, 2020

Final manuscript: 31 Jul, 2020

Publication: Aug 2020

Submission guidelines

Authors are invited to submit original research contributions according to the “Manuscript Submission Guidelines” published on the Health Informatics Journal website <https://in.sagepub.com/en-in/sas/journal/health-informatics-journal#submission-guidelines>. Health Informatics Journal is hosted on SAGE Track, a web based online submission and peer review system powered by ScholarOne™ Manuscripts. Authors should visit <http://mc.manuscriptcentral.com/hij> to login and submit their articles online. Please select Article Type “*Special Issue: Emerging Technologies for Home Health Care*” in *Health Informatics Journal*.

Please note that Health Informatics Journal is changing its model to become a fully Open Access publication. Therefore, by submitting your papers to this special issue, you agree that a discounted article processing charge of \$750 USD (the non-discounted article processing charge is \$1,500 USD) will be paid should your submission be accepted for publication.

Questions about the special issue should be directed to the Guest Editors via jane.li@csiro.au.

Guest editors

Dr Jane Li, Australian eHealth Research Centre,
Commonwealth Scientific and Industrial Research Organisation
(CSIRO), Australia

Dr Weidong Huang, University of Swinburne, Australia

