

## International Journal of RF Technologies: Research and Applications

<https://www.iospress.nl/journal/international-journal-of-rf-technologies-research-and-applications/>

### Call for Papers

#### Special issue on: Radio Frequency in Medicare

##### **Aim & Scope:**

Radio frequency systems have been successfully applied in areas of manufacturing, supply chain, agriculture, transportation, and healthcare. Radio Frequency Identification (RFID) technology use electronic chips embedded on tags to transmit radio waves which can be used to identify products, assets, medical records, and even person with embedded security cards or wristbands. Radio Frequency Identification is a rising trend in the health care industry, driven by a greater importance on patient safety. Radio frequency use radio waves to tracking equipment, tracking patients, and tracking staff in medical field. Radio frequency helps medical facilities to improve patient safety and reduce costs. RFID track medical devices, drugs, staff, and patients by using a tag which contains information about products or people, their physical location in real time, and other information such as expiration date for medical supplies and drugs, patient allergies or blood type, and more. RFID is used to tackle the problem and enhance other safety and efficiency aspects of modern health care. The special issue is dedicated to the future of Radio Frequency in medical field, including current lines of work, research questions, and results with intriguing but so-far-untapped potential. We encourage the submissions of original research articles and review papers on this subject.

Potential topics include but are not limited to the following:

Medical Applications of Radio-Frequency, Monitoring, and Diagnostics  
Radio Frequency Identification (RFID) technology and patient safety  
RFID Technology for Managing Patient Medical File  
Radio Frequency and Mobile Technologies for Personnel Tracking in a Hospital Environment  
Potential Benefits of RFID Technology in the Healthcare Industry  
Radio Frequency Identification Applications in Smart Hospitals  
Challenges in developing hospital RFID systems  
Current RFID standards in medical application  
Review of RFID deployment for better quality of Healthcare at lower cost  
Economic outlook and market of RFID in the healthcare sector  
Future in health and Radio frequency technology  
RFID & Health implementation and market prospects  
RF Sensor ICs: automotive radars, wearable devices, security, biomedical and healthcare applications  
Design, Installation, and Evaluation of a Radio-Frequency Identification System for Medicare  
Data analytics & health statistics identification using radio frequency  
RFID tracking of information, location, asset and people in medical field  
New applications for secure RFID in healthcare

##### **Submission Instructions:**

Manuscripts will be assigned to the Special Issue once they are accepted. The expected publishing date of the Special Issue is approximately six months after the closing submission date. Manuscripts must be original and comply with the submission guidelines available at <https://www.iospress.nl/journal/international-journal-of-rf-technologies-research-and-applications/>

In the online system please ensure you submit your paper within Manuscript Type: Other (Note in the cover letter), then add a remark in your cover letter "Special Issue: **Radio Frequency in Medicare**".

**Important Dates :**

Paper Submission Due: January 25th, 2019

Review & Revised submission due: February 25th, 2019

Final decision: March 15th, 2019

Tentative Publication Date: May, 2019

**Guest Editor(s)**

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