

Improving Pediatric Patient Experience

Authors : Matthew Pleshaw, Caroline Lynch, Caleb Eaton, Ali Kiapour

Abstract : The problem addressed in this proposal is that of the lacking comfort and safety of inpatient rooms, specifically at Boston Children's Hospital, with the implementation of a system that will allow inpatient children to feel more comfortable in the unfamiliar environment of a hospital. The focus is that of advancing and enhancing the healing process for children in a long-term inpatient stay at the hospital, though a combination of announcing a clinician or hospital staff's arrival utilizing RFID (Fig. 1), and improving communication between clinicians, parents/guardians, patients, etc. by integrating a mobile application.

Keywords : Pediatrics, Hospital, RFID, Technology

Conference Title : ICBEM 2020 : International Conference on Biomedical Engineering and Medicine

Conference Location : Paris, France

Conference Dates : December 28-29, 2020