Abstract Group: 2.1. Acute Critical Care

Keyword 1: Imaging Keyword 2: Acute respiratory failure Keyword 3: Interaction

Title: Effectiveness of touchscreen device (iPad) as communication tool for intubated patients admitted at the University of Santo Tomas Hospital

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Body: Objectives: To improve the communication between intubated patients and healthcare providers using iPad. Specifically, (a) we would like to determine the level of frustration of intubated patients in the ICU while using touchscreen device (iPad) as a communication tool (b) determine the helpfulness of touchscreen device (iPad) as a communication tool between intubated patients in the ward / ICU and health care providers. Subjects: (1) more than 18 years old, (2) able to read, speak and understand either English or Filipino, (3) oriented to person, place, time and situation at the time of interview, (4) Glasgow Coma Score 11 (Eyes 4, Verbal 1, Motor 6), (5) competent and able to sign an informed consent form; hemodynamically stable and (6) required intubation for at least 18 hours. Design: A pilot observational descriptive study design. Results: Patients level of frustration while intubated, eighty-eight percent (88.46%) of the sample reported extreme levels of frustration when communicating with other people while intubated. Seven percent (7.69%) reported their experience as very frustrating. Almost four percent (3.85%) reported their experience as frustrating. Almost four percent of the patients (3.85%) reported their experience to be somewhat helpful, fifteen percent (15.38%) reported their experience to be helpful, almost four percent (3.85%) reported their experience to be most helpful, and seventy-six percent (76.92%) reported their experience to be extremely helpful when iPad was used as a communication tool.