

Patient-Provider Communication Improving Patient Outcomes The noddle™ Study



Making the patient an active participant in cares.

- Patients need to be able to summon their nurses
 - Access the nurse call system
- Patients need to be able to effectively communicate with their nurses
 - To communicate about symptoms
 - To participate in assessments
 - To indicate their preferences about cares
 - To ask questions about cares
- Patients who face communication barriers are at increased risk of preventable adverse events

Barriers to Patient-Provider Communication

- Inability to use conventional nurse cell pendant
- Inability to use alternative nurse call system switches (e.g. soft touch)
- Inability to speak due to intubation or tracheostomy
- Inability to produce intelligible speech
- Inability to write due to weakness or paresis

Using Assistive Technology to Overcome Barriers.

The noddle™ Study

- Take advantage of any intentional gesture a patient can make
- Enable patients to access the nurse call system with a small intentional gesture
- Enable patients to use intentional gestures to control a speech generating device

The Voxello System



VOXELLO

Using the noddle™ to access the nurse call



VOXELLO

Who is eligible for participation in the noddle™ study

- Patients above the age of 3
- Patients who are conscious and not continuously sedated
- Patients who can produce an intentional gesture
- Patients who can understand that producing an intentional gesture can activate the nurse call system

How to get your patient in the noddle™ study

- Page the study coordinator (pager #)
- Patients must be conscious and able to produce an intentional gesture (e.g. tongue click, push tongue into cheek or any small movement)
- Call the study coordinator with questions or if there are problems with the system (pager #)
- Contact study coordinator if/when patient transfers to another unit (pager #). Ensure proper handoff to nurses in other units.

A healthcare worker in blue scrubs is holding the hand of an elderly patient. The patient's hand is resting on a white surface, possibly a bed or table. The healthcare worker's hand is positioned over the patient's hand, providing support. The background is a soft, out-of-focus white.

Voxello

Better Outcomes.

VOXELLO™