



Supportive Communication Training for Healthcare Providers in a Rehabilitation Setting

Northwestern Medicine Aphasia Center at Marianjoy

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Disclosures

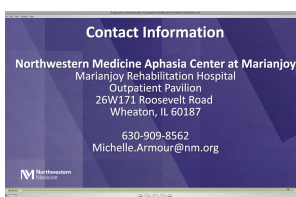
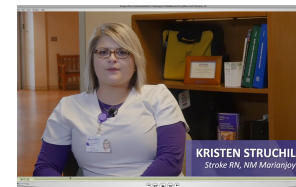
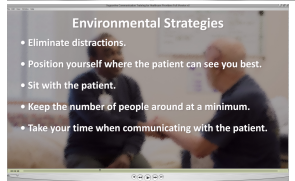
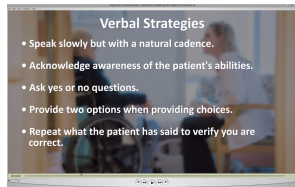
- Michelle Armour, MS, CCC-SLP is a salaried employee of Marianjoy Rehabilitation Hospital, part of Northwestern Medicine. Financial: partial support for this project was received by the Northwestern Medicine Innovation Grant Non-financial: none to report
- Kristen Struchil, RN is a salaried employee of Marianjoy Rehabilitation Hospital, part of Northwestern Medicine. Financial: none to report Non-financial: none to report
- Kathryn Williamson-Link, is a salaried employee of Marianjoy Rehabilitation Hospital, part of Northwestern Medicine. Financial: none to report Non-financial: none to report
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Project

- **Background:**
 - Data indicating insufficient awareness and knowledge of aphasia exists among healthcare providers (2, 3, 4, 5)
- **Current State**
 - No formal training was being completed in our healthcare system
- **Project plan**
 - Video training at orientation
 - Theory driven (Integrated Behavioral Model)
 - Incorporating the patient's voice and insights
- **Effectiveness**
 - Research study to judge effectiveness of video

Video Training Layout





Research (n=42)

The Effectiveness of Supportive Communication Training for Nursing Staff Interacting with Individuals with Aphasia at a Rehabilitation Hospital

- **Interdisciplinary team**
- **New associate orientation:**
 - RCAs/CNAs – 55%, Nursing – 33%, Other – 12%
 - 40% reported receiving previous education on aphasia
 - 60% reported *no* previous education on aphasia
- **Pre- and post-training questions**
 - Questions created by research team
 - Self-reported
 - Test of Knowledge of Aphasia (¹ Heard, et al, 2017)
 - Results of Test of Knowledge of Aphasia still being analyzed



Results

Self-Reported

Areas Assessed	Significance
Confidence	$p \leq .0001$
Knowledge	$p \leq .0001$
Comfort in Use	$p \leq .0001$
Ease in Use	$p \leq .0001$
Importance in Use	$p = .01$
Intention to Use	$p = .001$
Time Barriers to Use	$p = .162$



References

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