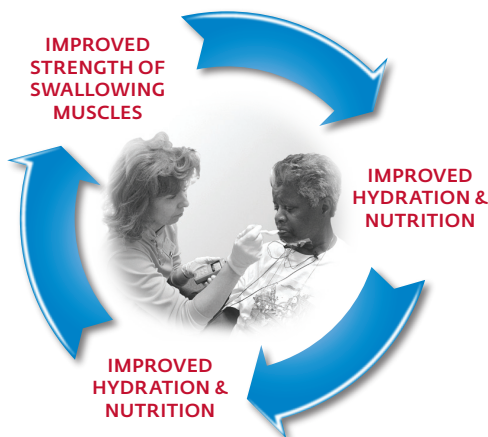
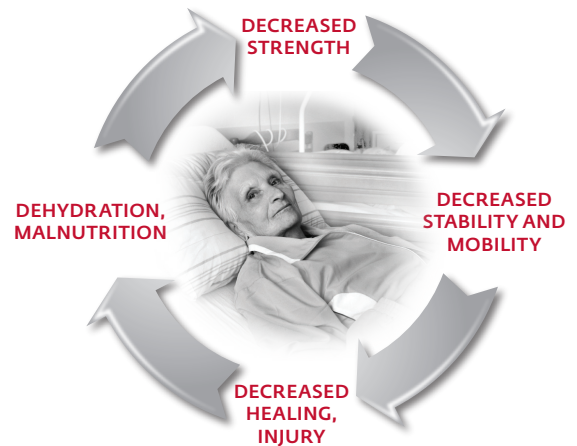


Long Term Options for Dysphagia

DJO's Long Term Options for Dysphagia is a comprehensive program that includes a screener, evaluation and treatment program. This evidence based Dysphagia program will equip you to manage the challenges of dysphagia and its complications, allowing you to increase patient participation in therapy and decrease cost.

The Dysphagia Dilemma

- Approximately 10 million Americans are evaluated each year with swallowing difficulties²
- Prevalence of dysphagia is as high as 22% in those over 50 years of age³
- The consequences of dysphagia include dehydration, malnutrition, aspiration pneumonia, and airway obstruction²
- 30%-75% of patients in nursing homes have dysphagia^{1,2,5,6,7}



Addressing the Dysphagia Dilemma

- Requires a multi-faceted, multi-disciplinary approach
- Patients and residents at risk for dysphagia must be identified
- Impairments must be identified and should be aggressively treated utilizing electrical stimulation to enhance outcomes

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3. Howden, C.W. (2004, September 6). Management of acid-related disorders in patients with dysphagia. *American Journal of Medicine*, 117(5A): 44S-48S.
4. Palmer, J.B., Drennan, J.C., & Baba, M. (2000, April 15). Evaluation and treatment of swallowing impairments. *American Family Physician*, 61, 2453-2462.
5. Spieker, M.R. (2000, June 15). Evaluating dysphagia. *American Family Physician*, 61, 3639-3648.
6. Rosenvinge, S.K., & Starke, I.D. (2005, November). Improving care for patients with dysphagia. *Age and Ageing*, 34(6): 587-593.
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Dysphagia Risk Management Care Plan

<p>Nursing regularly screens ALL residents and patients for signs and symptoms of dysphagia.</p> <p>Necessary Elements</p> <ul style="list-style-type: none"> Dysphagia Screening Tool Staff Education 	<p>At risk patients are referred for SP swallowing evaluation.</p> <p>Necessary Elements</p> <ul style="list-style-type: none"> Standard Evaluation Tools MASA 	<p>SLP treats impairments identified in evaluation.</p> <p>Necessary Elements</p> <ul style="list-style-type: none"> VitalStim Clinical Protocols Staff Education 	<p>Nursing regularly reevaluates for signs and symptoms of dysphagia.</p> <p>Necessary Elements</p> <ul style="list-style-type: none"> Dysphagia Screening Tool
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The Power of Skilled Modality Use



Without skilled modality use

- Limited oral intake
- Dehydration
- Increased occurrence of UTI's
- Increased occurrence of pneumonia
- Increased occurrence of falls
- Increased tissue breakdown
- Decreased alertness, increased depression
- Poor quality of life
- Decreased participation in therapy
- Limited ability to mobilize



With skilled modality use

- Accelerated return to oral intake
- Better hydration
- Decreased occurrence of UTI's
- Decreased occurrence of pneumonia
- Decreased occurrence of falls
- Accelerated tissue healing
- Better alertness, decreased depression
- Increased quality of life
- Increased participation in therapy
- Increased mobility and stability



VitalStim Indications:

- Muscle re-education by application of external stimulation to the muscles necessary for pharyngeal contraction

