The Inpatient Burden of Dysphagia and its Effect on Health Economics
Dysphagia is a Substantial Health and Cost Burden on the US Healthcare System. Standardizing the Method of Assessment Can Help Reduce This Impact.

Economic and Survival Burden of Dysphagia Among Inpatients in the United States

The Modified Barium Swallow Impairment Profile (MBSImP™) – Innovation, Dissemination, and Implementation
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The Impact of Dysphagia:

- **15+ Million people** are diagnosed with dysphagia, or difficulty swallowing, annually: 3.0% of adult inpatients (age 49+) are affected by dysphagia.

- **Total inpatient costs** are up to 44% higher per admission among patients with dysphagia - equalling $4.3-$7.1 Billion in additional hospital costs annually.

- **Hospital length of stay** was 8.8 days (for those with dysphagia) compared to 5.0 days (in the non-dysphagia group).

- **Patients with dysphagia** were over 3 times more likely to be transferred to a post-acute care facility.

**Adult Patients with Dysphagia were 1.7 Times More Likely to Die in the Hospital**
The Importance of Standardization:

Lack of standardized practices:
- Impedes understanding of true results of treatments
- Produces ambiguous reporting of outcomes
- Hinders understanding of restorative and rehabilitation targets


Conclusions:

✔ To optimize patient outcomes and user satisfaction, the MBSImP™ is a validated, reliable, and standardized approach for accurate quantification of Dysphagia diagnosis.

✔ The importance of including patient factors, as well as physiologic factors, into a swallowing management plan are increasingly understood for their relevance to patient outcomes.
Product Choice is an Integral Part of MBSS:

- A standardized set of ready-to-use barium (contrast) consistencies (thin liquid, nectar-thick liquid, thin honey-thick liquid, pudding, and pudding-coated cookie) such as VARIBAR® THIN LIQUID BARIUM SULFATE FOR SUSPENSION (40% w/v After Reconstitution), (Target Viscosity 4 CPS), VARIBAR® NECTAR (barium sulfate), VARIBAR® THIN HONEY (barium sulfate), VARIBAR® HONEY (barium sulfate) and VARIBAR® PUDDING (barium sulfate) can affect successful diagnosis.

- These contrast agents are standardized for viscosity and density. The 40% weight/volume (w/v) density provides uniform opacification across all consistencies, which assures optimal image quality vs. the varied densities that occur from individualized barium recipes.

- Previous practices of mixing barium with multiple liquid and food types are not only inefficient, but pose potential infection control risks including introduction of food and liquid that can be potentially harmful if aspirated.

INDICATIONS AND USAGE:
VARIBAR® THIN HONEY (barium sulfate) oral suspension and VARIBAR® NECTAR (barium sulfate) oral suspension are indicated for use in modified barium swallow examinations to evaluate the oral and pharyngeal function and morphology in adult and pediatric patients. VARIBAR® HONEY (barium sulfate) oral suspension and VARIBAR® PUDDING (barium sulfate) oral paste are indicated for use in modified barium swallow examinations to evaluate the oral and pharyngeal function and morphology in adult and pediatric patients 6 months of age and older.

INDICATIONS AND USAGE:
VARIBAR® THIN LIQUID BARIUM SULFATE FOR SUSPENSION (40% w/v After Reconstitution) (Target Viscosity 4 CPS) is indicated for use in radiography of the esophagus, pharynx, and hypopharynx.

IMPORTANT SAFETY INFORMATION:
For Oral Administration. This product should not be used in patients with known or suspected perforation of the GI tract, known obstruction of the GI tract, high risk of aspiration, or hypersensitivity to barium sulfate products. Rarely, severe allergic reactions of anaphylactoid nature have been reported following administration of barium sulfate contrast agents. Aspiration may occur during the modified barium swallow examination, monitor the patient for aspiration.

Please consult full Prescribing Information for VARIBAR® family of products located in this booth. You are encouraged to report negative side effects of prescription drugs to the FDA. Visit https://www.fda.gov/Safety/MedWatch/default.htm or call 1-800-FDA-1088.


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