



Instrumental Evaluation for Dysphagia

Dysphagia is a medical term used to describe drinking and eating difficulties. This includes any disruption of the bolus movement from your mouth through your esophagus and ending in your stomach.

Stages of Swallowing:

1-Oral Phase: In this phase, food is mixed with saliva and chewed with the aid of the muscles of mastication.

2-Pharyngeal Phase: As the bolus reaches the pharynx, special sensory receptors activate the involuntary part of swallowing causes the food to be further pushed back into the pharynx and esophagus by rhythmic but involuntary contractions of several muscles in the back of the mouth, pharynx, and esophagus.

3-Esophageal Stage: In this last phase, the bolus leaves the pharynx and moves into the esophagus, which contracts to push the bolus into the stomach.

Do you have a problem in swallowing?

A speech pathologist can help by assessing swallowing ability and advise strategies and treatment, by conducting the following:



Taking a
case history

Bed-Side
Swallowing
Assessment

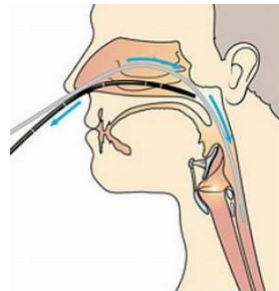
Instrumental
Assessments

Fiberoptic Endoscopic Evaluation of Swallowing (FEES):

During endoscopy, the SLP uses a very small tube with a camera and light on the end. This is called an endoscope. The endoscope is flexible, and connects to a computer and video monitor. Your swallowing test is usually recorded so that it can be watched again later.

What happens during the test?

1. You will be seated comfortably.
2. A nose numbing spray may be used so that you don't feel the tube.
3. A tube will be gently inserted through your nose into your throat.
4. You will be given drinks and food with food coloring in it.



Modified Barium Swallow study (MBSs):

This is done in the radiology department as a radiological procedure.

What happens during the test?

1. You will be seated comfortably next to an x-ray machine.
2. You will be given different foods and drinks mixed with barium.

What happens after the test?

Your SLP will talk with you regarding the results.

Your SLP will decide what intervention and treatment you may need.

لأن الوعي وقاية ..

إدارة التشخيص الصحي

Communication and Swallowing Disorder
Department

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