

Advancing Swallowing Rehabilitation with the
**Iowa Oral Performance
Instrument (IOPI)**

The IOPI is designed to help an individual improve tongue and lip strength for swallowing function. The IOPI gauges the strength and endurance of the tongue by measuring the maximum amount of pressure that an individual can produce by pressing a tongue bulb against the roof of the mouth. The peak pressure generated by the tongue is then displayed on the unit's display screen.

What does the IOPI do?

The IOPI objectively measures:

- Tongue strength in tongue elevation, laterally directed movements, and protrusion
- Lip-compression strength
- Fatigability of the tongue and lips

Who may benefit from the IOPI?

- Individuals with a swallowing disorder secondary to tongue and lip weakness may benefit from the IOPI.



The **Marianjoy Assistive Rehabilitation Technology Institute** offers solutions to everyday problems of daily living encountered by individuals with disabilities. The Institute consists of seven distinct centers that apply advancements in technology to benefit individuals with disabilities through maximizing functional independence, as well as expanding educational, vocational, recreational, and communicative opportunities.

- **Assistive Communication and Daily Living Center**
- **Balance and Vestibular Center**
- **Driver Rehabilitation Center**
- **Gait Analysis and Mobility Center**
- **Prosthetic and Orthotic Center**
- **Swallowing and Voice Center**
- **Wheelchair and Positioning Center**



To make an appointment or
for more information, call

630-909-7150

or visit Marianjoy.org