

Advancing Swallowing & Speech Rehabilitation with the
Videofluoroscopic Swallowing Study (VFSS): Siemens C-Arm System

The VFSS Siemens C-Arm System records an x-ray of the individual's entire swallowing dynamic process in a continuous motion picture format on digital disc.

Who may benefit from the VFSS Siemens C-Arm System?

Individuals with a known or suspected swallowing disorder.

How does the VFSS Siemens C-Arm System Work?

- The C-Arm assists with the diagnosis and treatment planning for individuals with swallowing disorders by recording an x-ray image of the individual's swallow of food and liquid with barium.
- It provides real-time, visual biofeedback to improve swallowing function.

What are the advantages of using the Siemens C-Arm System?

- The C-Arm system utilizes a low-radiation dose and allows for direct monitoring of radiation exposure during each exam.
- The split-screen C-Arm system provides improved clinical information by allowing comparison of live and still images, which may be downloaded to a portable flash drive to view exam highlights conveniently from any computer.



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