

Dynamic Positioning with

Pressure Mapping

Pressure Mapping is an assessment tool that allows monitoring and comparison of pressure distributions over time. It dynamically measures pressure between two surfaces.

Individuals who may benefit from Pressure Mapping are:

- Long-term wheelchair users
- With a current pressure sore that is not healing
- With a high risk for developing a pressure sore
- Uncertain as to which cushion or mattress is the best
- Experiencing ineffective current pressure-relieving techniques
- Experiencing pain or discomfort with long-term sitting

How does Pressure Mapping work?

- A seat pad with sensors that measure pressure is placed between the client and the surface that is being tested
- A handheld monitor shows the image of pressure distribution over the sensing area
- The real-time visual demonstration is in color and changes as the client moves

What are the advantages of Pressure Mapping?

- Aids in healing and preventing the development of pressure sores
- Offers an opportunity for product comparison to determine which products are the most effective in relieving pressure-related problems
- Identifies the optimal support surface for the individual
- Justifies the recommendation of a particular support surface to third-party payers



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 which 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

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