



# PATHWAY® Ultrasound Imaging System

*For Lumbopelvic Rehabilitation*

***Let's Grow Your Practice Together.***

# EXPERIENCE THE DIFFERENCE.

The Prometheus Group®, Est. 1989, specializes in the design, development, manufacture, and sales of systems for pelvic health and orthopedic rehabilitation.

At Prometheus, we are passionate about **CUSTOMER VALUE**. With more than 5000 unique clientele worldwide, we believe this is represented in the essence of our business:

## *Unparalleled* Technical Support

We provide the highest level of technical assistance through a number of support channels; phone, email, and remote access. We understand your time is precious. Extended hours make our support services more accessible; resulting in a positive user experience.

## *Exceptional* Customer Service

Our priority is to build and maintain lasting relationships with our clients. Friendly, knowledgeable, and professional team members are always available to take your call.

## *Dedicated* Sales Managers

Our team of field experts are ready to guide you in the right direction and support you throughout your decision-making process and beyond.

## Made in the U.S.A.

The Prometheus Group® combines modern technology and ease of use to provide the most comprehensive and advanced high-quality American-made equipment on the market.

The choice is yours, **EXPERIENCE THE DIFFERENCE**, and become part of the Prometheus family.



[theprogrp.com](http://theprogrp.com)

High resolution  
ultrasound imaging at a  
fraction of the cost



Designed for pelvic health and  
spinal stabilization

# FEATURES & BENEFITS

## Updated software interface offering a more seamless user experience

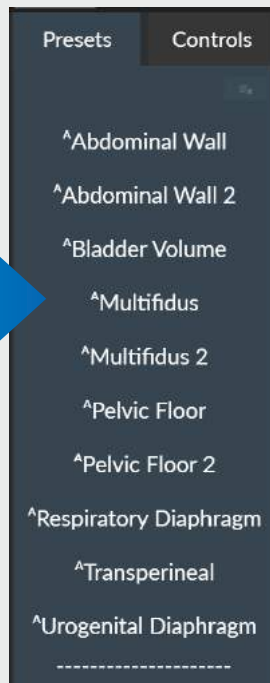
*Intuitive, modern software screens for easy imaging and annotating.*

## Cine export as MP4

*Provides the ability to play the cine outside of the ultrasound software.*

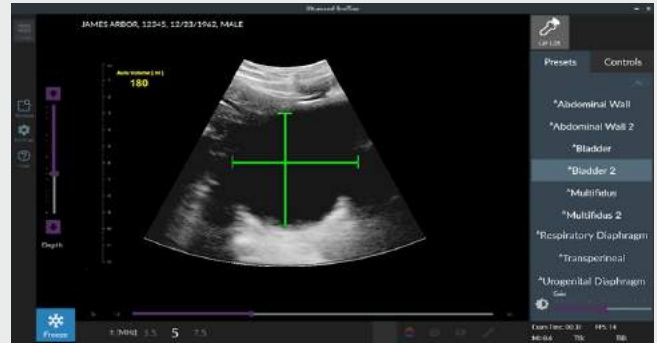
## Preset protocols for quick image access

*Save time and effort utilizing a multitude of pre-loaded, preset protocols to include respiratory and urogenital diaphragm.*



## Automatic bladder volume calculations

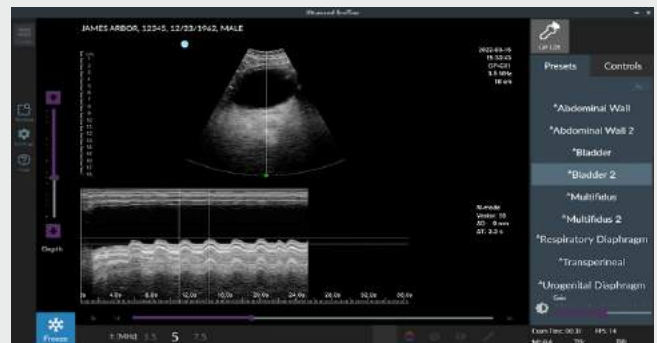
*For more precise and accurate post void residual patient assessments.*



## Select from a variety of advanced imaging modes



View of the Respiratory Diaphragm using B-Mode (Brightness Mode).



View of the Pelvic Floor Using M-Mode (Motion Mode) for making measurements of tissue excursion.

- ✓ 24/7 Online training and support via the EchoGen portal
- ✓ No annual commitment or plan required

- ✓ Affordable
- ✓ Lightweight and portable

# TRAINING AND SUPPORT



24/7  
TRAINING  
PORTAL

## The Pathway® Ultrasound Imaging System for Lumbopelvic Rehabilitation



Access code  
included  
with your  
purchase



### Join the EchoGen Ultrasound Discussion Board on Facebook!

Share your own findings or see what your peers are talking about and sharing in this online discussion group (@EchoGenPortal).



**Ramona C. Horton MPT, DPT**

Pelvic Health Physical Therapist, Educator,  
and EchoGen Portal Developer

\* Comprehensive Instructional Video Library

\* Extensive Image Library

\* Ongoing Courses with CEUs  
(Live, Remote, and On-Demand)

\* The Prometheus Group® Provides Live Technical  
Support via TeamViewer

## Rehabilitative Ultrasound Seminars

VISION BEYOND YOUR FINGERTIPS

EchoGen Seminars offers a variety of training options for the **Pathway® Ultrasound Imaging System for Lumbopelvic Rehabilitation**. As a Pathway® system user, receive a **10% discount** on all courses offered through the EchoGen portal! In order to apply the discount code, **you must log in to your EchoGen Portal account.**

# PELVIC HEALTH

# ORTHOPEDIC

“Research reveals that the primary impairment of the muscular system in individuals with low back pain is not one of strength or functional capacity but rather one of motor control of the deep muscles of the trunk. The use of ultrasound imaging to observe the real-time contraction of muscles is a valuable tool, specifically when the muscles of interest are deep and not readily observable” (Whittaker, 2004).



Pelvic Floor Muscles, Poor Stabilization During Functional Task



Lateral Abdominal Wall (Muscles Contracted)



Transperineal View Male, Post Prostatectomy



Anterior Abdominal Wall with Measurement of Inter-Rectus Distance



Transperineal View Female Pelvis



Lumbar Multifidus



# EQUIPMENT SPECIFICATIONS

## Accuracy:

Distance:  $\pm 2\%$ ,  $\pm 2$  mm

## Ultrasound Probe Dimensions and Weight:

Width: 6.2 cm (2.44 in)  
 Height: 2.6 cm (1.02 in)  
 Length: 15 cm (5.9 in)  
 Weight: 110 grams (3.88 oz)

## Minimum Computer Requirements:

Display: 12.1 in  
 Resolution: **1920 X 1080**  
 Processor: Core I5 2.3 GHZ  
 RAM: 8 GB  
 Hard Drive: 256 GB  
 Battery: 38 Whr Rechargeable Battery (Providing 4+ hours of use)  
 Length: 30.0 cm (11.8 in)  
 Width: 20.1 cm (8.1 in)  
 Height: 1 cm (0.4 in)  
 Weight: 0.9 kg (1.98 lbs)

## Ultrasound Output Parameters:

Depth Range: 2 - 30 cm (Selectable, 1 cm increments)  
 Pulse Frequency: 3.5 MHz, 5 MHz, 7.5 MHz (Selectable)  
 Focal Zone: Programmable  
 Focal Point: Dynamic  
 Scan Angle: 60°  
 Scan Mode: B-Mode  
 Patient Contact Sector Length: 49 mm (2.5 in)  
 Frame Rate: 20 fps  
 ISPTA.3: 13.7 mW/cm<sup>2</sup> (maximum)  
 ISPPA.3: IPA.3 @ Mlmax = 180 W/cm<sup>2</sup>  
 Mechanical Index: 1.02 (maximum)  
 Transducer Resonant Frequency: 5.0 MHz (calculated center freq.)  
 Transducer Bandwidth: Over 60%  
 Number of Scanning Planes: 1  
 Pulse Repetition Frequency: 5.1 kHz  
 TIS: 0.115

**Pathway® GP-C01 3.5-7.5MHz Curved Array**  
 Ultrasound Imaging Transducer



## Consumables:



**Ultrasound Gel, .25 Liter** Part: UG

## Recommended Supplies:



### Sani-Cloth

Germicidal Disposable Wipe  
 AF3, Large Wipe (For cleaning)

#### Manufactured By:

Professional Disposables  
 International, Inc.

#### Find it Online At:

[www.pdihc.com](http://www.pdihc.com)  
[www.amazon.com](http://www.amazon.com)



### Aquaflex

Ultrasound Gel Pad  
 (2 cm x 9 cm)  
 REF 04-02

#### Manufactured By:

Parker Laboratories, Inc.

#### Find it Online At:

[www.parkerlabs.com](http://www.parkerlabs.com)  
[www.amazon.com](http://www.amazon.com)

## Optional Equipment:



**System Carry Bag**  
 Part: PBAG



*\* Wire basket optional*

**Point of Care Cart for Notebook  
 or Tablet Computer Ultrasound**  
 Part: PPOC-QS



### Sheathes Probe Covers

for Curvilinear Array  
 #80501 Non Latex Covers

#### Manufactured By:

Sheathing Technologies

#### Find it Online At:

[www.sheathes.com](http://www.sheathes.com)



The Prometheus Group®

One Washington Street, Suite 3171

Dover, NH 03820 | Tel: (603) 749-0733 or (800) 442-2325 | Fax: 603-749-0511

[info@theprogrp.com](mailto:info@theprogrp.com) | [theprogrp.com](http://theprogrp.com)

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