## **V2U HEALTHCARE PTE LTD**

## **ACHIEVO - CORE STABILITY TRAINER (3011)**

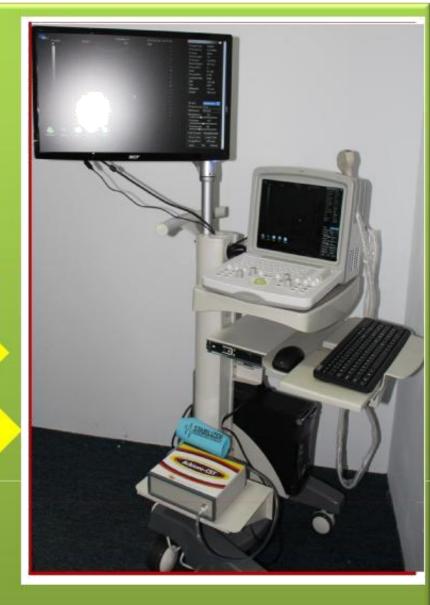




**AUDIO VISUAL BIOFEEDBACK** 

**REAL TIME ULTRASOUND** 

**DIGITAL PRESSURE** 



# Achievo® Trainer is the most innovative and objective biofeedback system in the world!

### It incorporates:

- Achievo PBS -Pressure Biofeedback System
- V2U SOUND RTUS Real Time: Ultrasound Imaging System



ACHIEVO PBS provides both audio and visual biofeedback for activation and training of the core stabilizing muscles such as Multi Fidus, Internal Oblique, External Oblique and Transversus Abdominis.



ACHIEVO PBS unit gives valuable information to ensure quality and precision in exercise performance and muscle testing. ACHIEVO PBS is an assessment as well as training tool for these deep abdominal muscles mainly by measuring the change in pressure levels.

Achievo PBS and V2U RTUS are integrated to provide accurate Real Time Information to the clinician and patient during rehabilitation.

## **WHAT IT DOES?**

## **SPINAL CORE MUSCLES TRAINING**



While treating back or neck pain, it is essential to address, access and strengthen both Global and Core Stabilization muscles. It is possible to conduct Global muscles training with the naked eyes but core stability muscle activation and training requires specific pressure biofeedback tools. Traditionally available tools do not provide enough biofeedback to the patient.

## MUSCULO-SKELETAL EVALUATION AND REHABILITATION

ACHIEVO PBS makes evaluation and rehabilitation for the muscle and tendon injuries objective and safe. The clinician is able to visualize moving structures during strengthening and rehabilitation of muscles and tendons.



## **INCONTINENCE MANAGEMENT**

V2U SOUND RTUS provides a real time visual biofeedback of the pelvic floor muscles movement, which enables optimal and objective rehabilitation of patient with incontinence. A patient learns to perform accurate pelvic floor movement which facilitates quicker recovery.

### **ACHIEVO DETAILS:**

#### Achievo PBS (RA 5011-01)

Converter: 12 Bit ADC

Pump : Automatic Inflatable Pressure Pump

Cut-off : Automatic Pressure Cut-off

#### **Computer Requirement**

Program Compatibility : Window 2000 / XP / Home Edition / Vista

Minimum Processor requirement : Intel Processor 2.0 GHz

RAM : 2 GB

Hard Disk : 160GB

Power Supply : 400W

#### **Standard Accessories**

RA 102-03SP : Pressure CuffRA 102-05SP : PBS software CD

RA 102-06SP : PBS CPU

**Optional Accessories** 

RA 5011-04 : 19" LCD Screen

#### **V2U SOUND RTUS (RA 5011-02)**

Scanning Mode : Convex/Linear/Micro-convex

Scanning Depth : 40mm-240mm

Scanning Technique : Real Time Dynamic Imaging: CDA, CDF, DFS

Gray Scales : 256

■ Image Permanent Storage:  $\geq 1000$  frames

• Hard Disk :>80G

Local Zoom : 6 Times both in real-time and frozen

Port : PAL-D, XGA, RS-232, USB 2.0, DICOM 3.0

Monitor : 12 inch LCD

Wide Application : Abdomen, Urology, Musculoskeletal

■ Power Supply : AC 110V~240V, 50Hz/60Hz

Probe Connector : 2

#### **Standard Accessories**

RA 103-01SP: 3.5 MHz Convex Probe
RA 103-02SP: 7.5 MHz Linear Probe
RA 103-03SP: 256 ml Ultrasound Gel

**Optional Accessories** 

RA 103-04SP: AD Converter Switch
RA 103-05SP : Achievo Trollev

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"VALUE TO YOU IS VALUED TO US"

