



THE MATRIXX POWER SUIT Co. LLC

Presents

**Wearable Wellness Technology
That Improves Your
Health & Performance**

Global Wellness Summit 2017

The Evolution of Fitness & Technology

- The fitness equipment industry is witnessing a spur due to technological advancements such as digital connectivity, monitoring the health related data such as steps taken, calories burned, sleep duration, etc.



Fitbit



Garmin



Apple Watch

How Fitness & Technology is making a difference in Health & Wellness



- **Lechal Shoe insole tracking device**

- **Treadmills with Heart Rate Monitors**

- **Smart Phone Fitness Apps**

Overview

- **Benefits**
 1. What it is?
 2. How does it work?
- **Markets**
 1. Obesity
 2. Medical, Rehab & Physical Therapy
 3. Lifestyle
 4. Elderly
- **Next Generation of Matrixx Wearable Technology**
- **Private Research Study, Baylor College of Medicine**
- **Data & Studies**
- **Support Letters**

The Matrixx Mission



- Improving Rehabilitation & Physical Therapy
- Improving Health & Wellness
- Combining physical exercise with high & low altitude conditioning
- Improving Fitness & Sports Training
- Evolving health and wellness for Astronauts before, during and after Space Travel
- Sustaining the health and fitness of Pilots
- Becoming a Lifestyle Product for the Human Race

What is it?

- Wearable weighted compression system with targeted resistance
- Uses removable & easily adjustable rubber weights
- C. Stewart weighted increment system
- Wearable technology that creates different levels of resistance on various muscle groups
- Wearable technology that can be incorporated in various healthy lifestyles

The Men's Matrixx Power Suit



The Women's Matrixx Power Suit



With 15 lb weight set

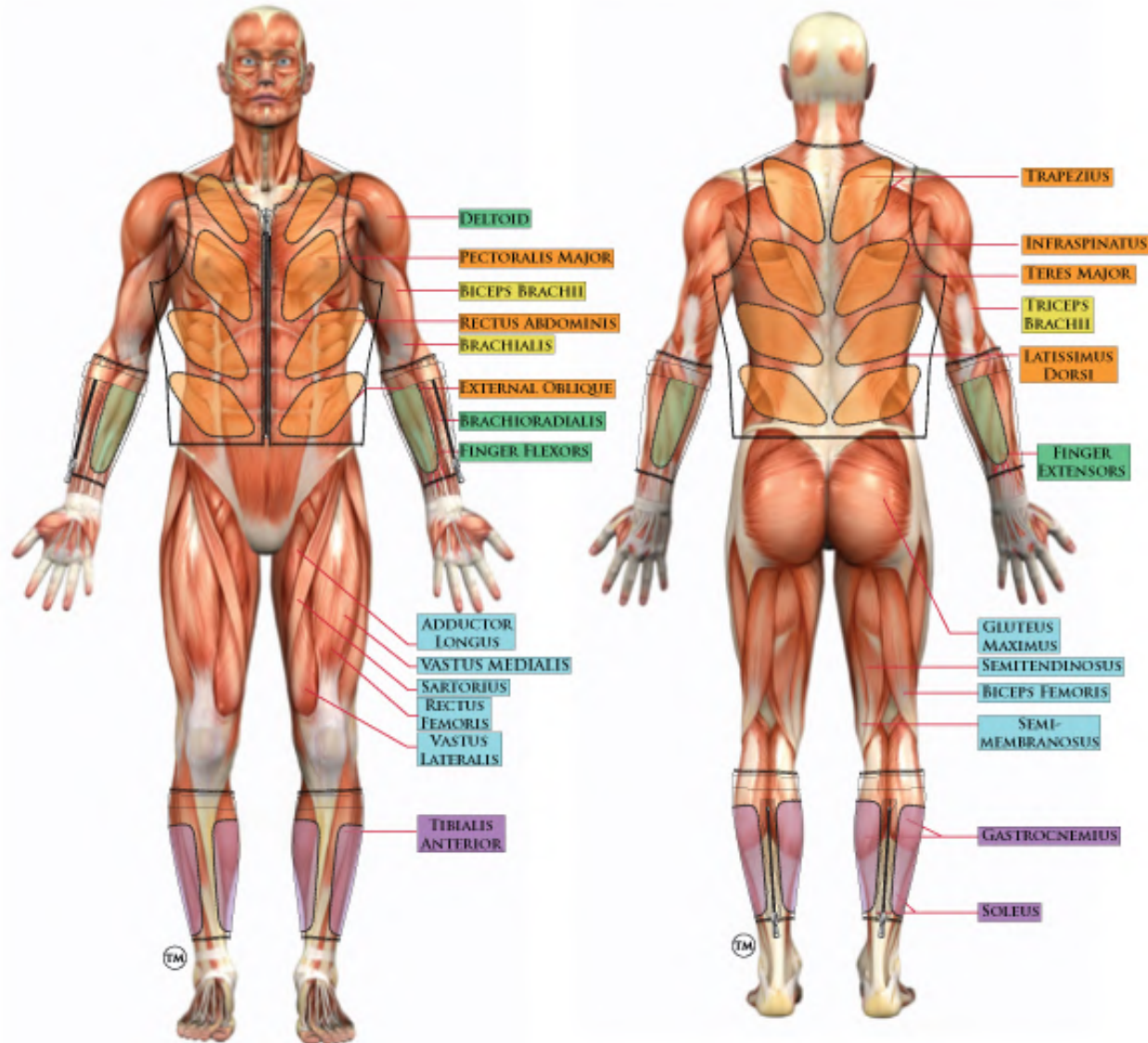


With 12 lb weight set

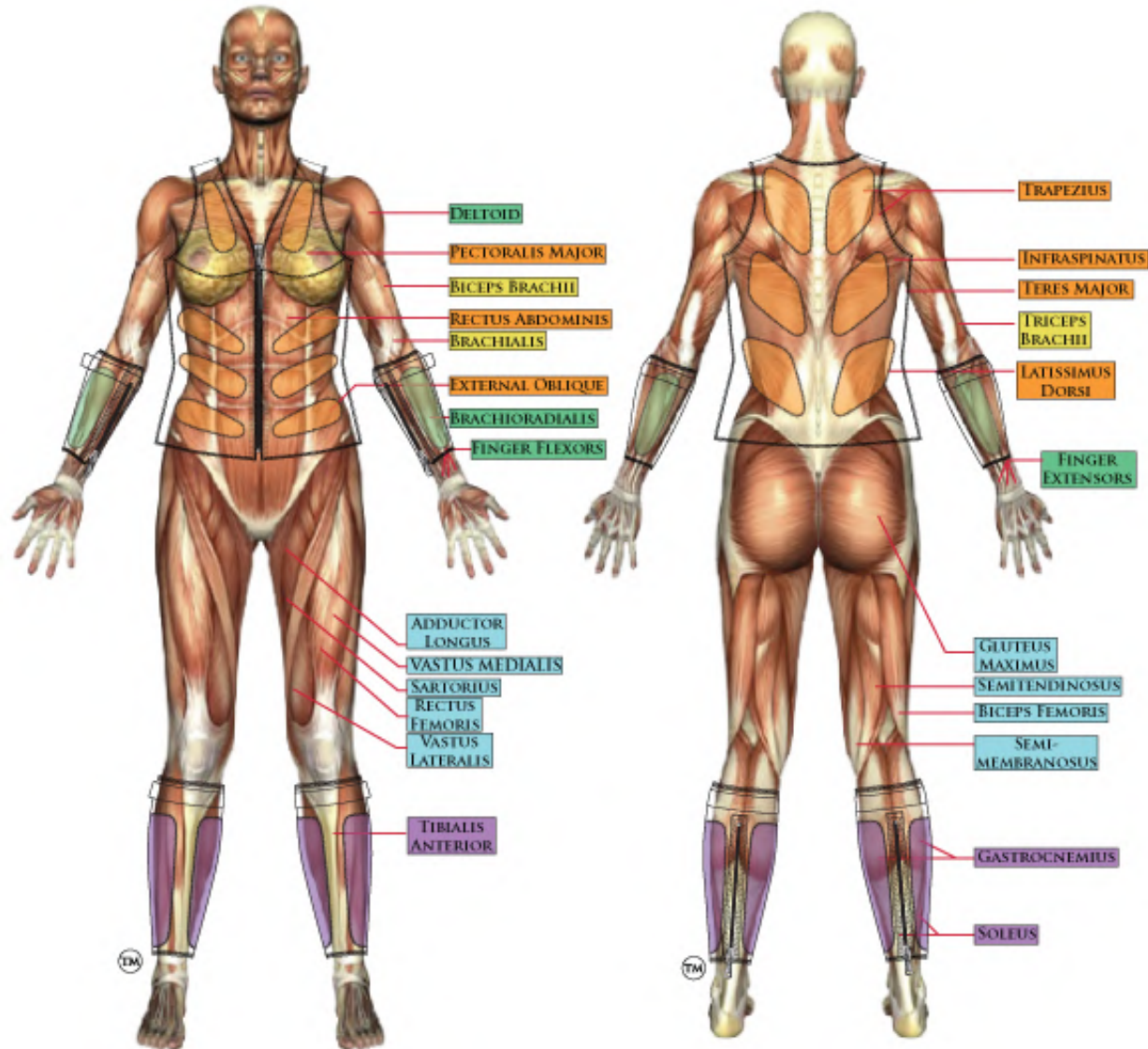
How does it work?

- Uses compression while maximizing weight distribution across your torso, forearms and lower legs while increasing oxygen & blood flow
- Works four cores of your body simultaneously; Respiratory, Cardiovascular, Muscular & Skeletal
- Uses flexible weights that are strategically placed over the individual muscles to increase overall muscle growth & strength
- Simulated high altitude training environment
- Doesn't impede on natural range of motion
- Easy care; machine washable

Men's Muscle Chart



Women's Muscle Chart



What are some of the benefits?

- Helps build muscle
- Helps build bone density
- Helps reduce body fat
- Helps increase lung capacity
- Increases speed, strength & endurance
- Improves overall balance & stability
- Won't shift during movement
- Doesn't add stress to the joints
- Can be worn in the water for swimming, exercise and training
- Superior Fit and Comfort
- Conforms to the body for safe utilization during high & low impact training and exercising
- Provides high altitude training benefits

Who can benefit from this technology?

- **Pro Athletes**
- **College & High School Athletes**
- **Body Builders**
- **Fitness Professionals**
- **Fitness & Gym Enthusiasts**
- **Firefighters, Police, EMT's, etc...**
- **Housewives/Stay at home Moms/Dads**
- **Models & Actors**
- **Business Men & Women**
- **Military Service Men & Women**
- **Anyone too busy to go to the gym**
- **Anyone looking to lose weight**
- **Elderly**
- **Children**
- **Pregnant Woman**
- **Rehab & Physical Therapy Patients**
- **MS Patients**
- **Autistic children**
- **Diabetes & Cancer Patients**
- **Anyone with circulation problems**
- **Flight Attendants & Airline Passengers**
- **Pilots, National & International Flights**
- **Military Fighter Pilots**
- **Deep Sea Divers**
- **Workers in confined spaces (ex. miners and oil drillers, etc...)**
- **Astronauts, Long Duration Space Travel, terrestrial training**
- **Commercial Space Tourism Pilots & Passengers (Sub-Orbital flights)**

Obesity Market Facts:



- **Percent of adults aged 20 and over with overweight, including obesity: 70.7% (2013-2014).** <https://www.cdc.gov/nchs/fastats/obesity-overweight.htm>
- **The estimated annual medical cost of obesity in the U.S. was \$147 billion in 2008 U.S. dollars; the medical costs for people who are obese were \$1,429 higher than those of normal weight.**



Obese Adults



Before & After Matrixx Power Suit



Obese Kids

- **The percentage of children aged 6–11 years in the United States who were obese increased from 7% in 1980 to nearly 18% in 2012.**
- **The percentage of adolescents aged 12–19 years who were obese increased from 5% to nearly 21% over the same period.**

Reference: <http://www.cdc.gov/obesity/data/adult.html>

Medical Market:

- During the last decade, the United States medical device industry experienced unprecedented advancement in innovative and developed technologies, leading to the birth of new therapies and growth in overall healthcare industry.
- Trade between the United States and its NAFTA partners has soared since the agreement entered into force: U.S. goods exports to the NAFTA partners have increased by 289 percent from 1993 to 2014 from \$142 billion to \$552 billion.

Balance Wear Vest for MS



Medical Compression



Matrixx Power Vest



Lifestyle Market:



- Home fitness equipment market is estimated to grow at 4.7% from 2016 to 2023.
- U.S. fitness equipment market size represented the large majority of the North American revenue of over USD 4.5 billion in 2015. Rising number of health clubs, and the utilization of different types of cardio, and strength training systems are the key factors fuelling the regional demand.



The Matrixx Power Suit can enhance any Lifestyle or Activity!

<http://www.nashvillenewsupdates.com/story/116131/fitness-equipment-market-trends-2017-industry-statistics-forecast-2023.html>

Elderly Market:



- A study From the US Preventative Services Task Force reveals that regular exercise can reduce life-threatening falls in the elderly by 58%.
- Another study showed that regular exercise reduced pain and increased function in joints of older Americans suffering from osteoarthritis.
- Yet another study found that strength training was as effective as medication in reducing depressive symptoms in older adults.



The Matrixx Power Suit can enhance any Lifestyle or Activity for the elderly!

https://www.longtermcarelink.net/eldercare/medical_care_issues.htm

Osteoporosis & Weighted Vests:



- **Weight-bearing exercise can help make bones stronger and stave off the effects of *osteoporosis*. But walking—popular because of its gentleness on the joints— isn't as good at building bone mass as higher-impact activities, such as running. Wearing a weighted vest can boost the amount of bone mass built while walking. Running or jumping with a vest may provide even more benefit.**
- **Several small studies have shown exercise with a weighted vest increases bone-mineral density in older women and improves balance. The evidence isn't conclusive, says Felicia Cosman, senior clinical director of the National Osteoporosis Foundation, but it's logical to think the vests would be beneficial because "bone responds to the magnitude of the force put on it."**
- **Since the weighted vest is snug to the body, it is more likely to put beneficial stress on the spine and hips than carrying dumbbells, says physical therapist Carol Hamilton Zehnacker, owner of Physical Therapy Consults of Frederick, Md. Wearing the vests while jogging, jumping on a trampoline or climbing stairs is likely to provide more benefit, doctors and physical therapists say.**



Matrixx Power Suit

Private Research Study conducted by:

- **Dr. Bijan Najafi Ph.D.** Professor of Surgery, Director of Clinical Research, Division of Vascular Surgery and Endovascular Therapy, Director of Interdisciplinary Consortium on Advanced Motion Performance (iCAMP), Michael E. DeBakey Department of Surgery **Baylor College of Medicine**

Dr. Najafi is currently conducting an in-house study at **Baylor** with **Matrixx technology**. He is using game-based exercise combined with Matrixx technology to magnify benefits of several interactive and personalized Balance training interventions for in-hospital, in-clinic, and in-home body and mind exercises for Diabetes Patients with pain, balance problems and lost feeling in the feet and ankles.



Dr. Bijan Najafi Ph.D.

Filling the gap by Matrixx Wearable Wellness Technology



- While recent advances in wearable and gamification have opened new avenues to deliver body and mind exercise, they lack an important exercise component: **Resistive-Exercise**



- **Matrixx technology** could be used in varieties of game-based exercise to magnify benefit of these interactive and personalized balance training interventions for in-hospital, in-clinic, and in-home body and mind exercises



Matrixx Power Sleeves



***Ongoing study at the Baylor College of Medicine, Houston, Texas*



The Next Generation of Matrixx Wearable Wellness Technology

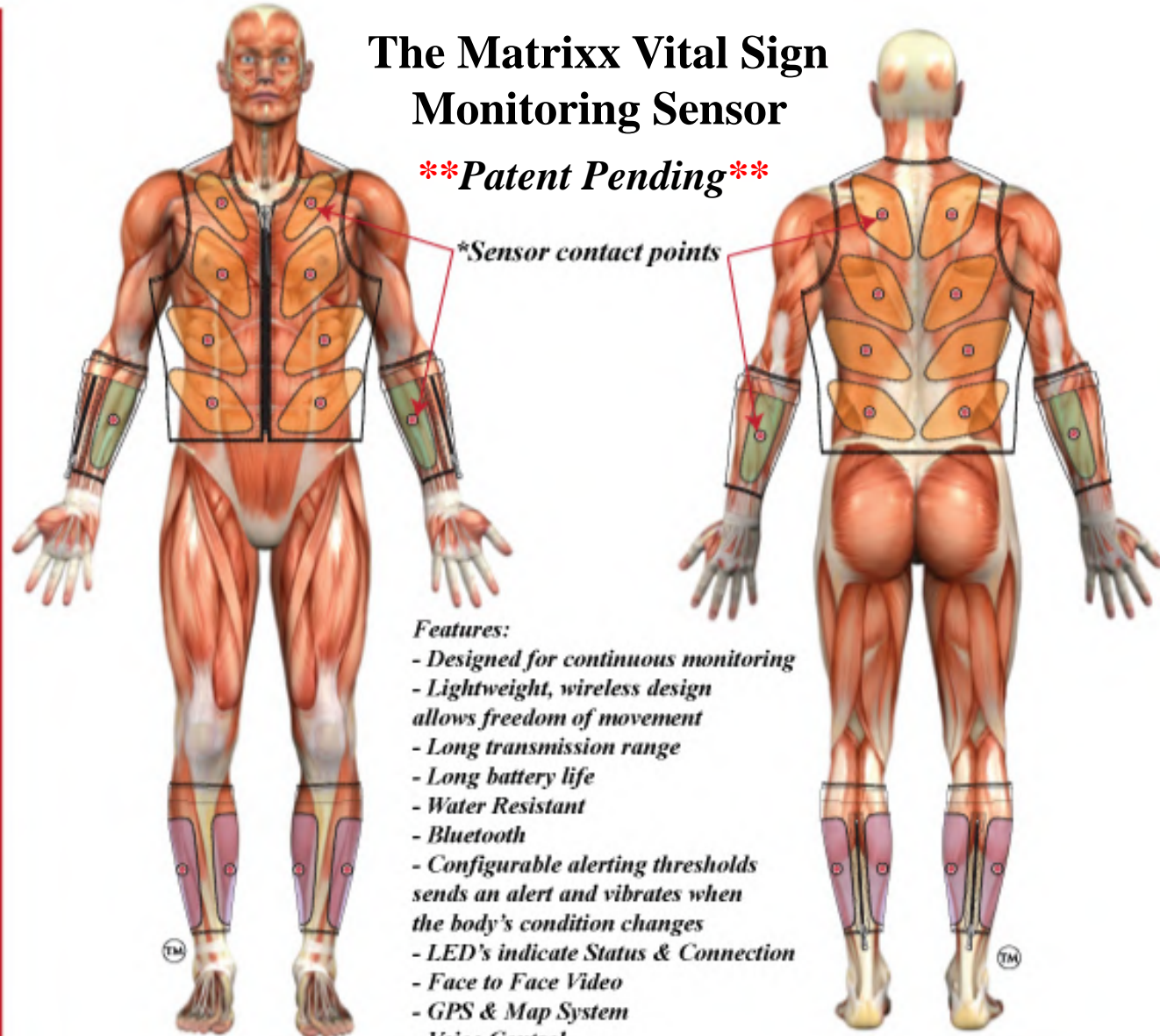


Vital Signs & Features

- Temperature
- Calories Burned
- Heart Rate
- Blood pressure
- Blood Glucose
- Speed
- Music
- Map & GPS Satellite
- Face to Face Video
- Pulse Oximetry
- Respiration
- Start to finish time
- Body Weight
- Body Fat
- Alert

The Matrixx Vital Sign Monitoring Sensor

****Patent Pending****



Features:

- Designed for continuous monitoring
- Lightweight, wireless design allows freedom of movement
- Long transmission range
- Long battery life
- Water Resistant
- Bluetooth
- Configurable alerting thresholds sends an alert and vibrates when the body's condition changes
- LED's indicate Status & Connection
- Face to Face Video
- GPS & Map System
- Voice Control
- Plays Music

Data & Studies

Performance Data

- Erik J. Johnson, NASA (Contractor) *"The additional resistance provided by the MPS would ultimately increase the intensity of a given workout, which over time, would lead to favorable adaptations in muscular endurance & aerobic fitness."*

Mars Desert Research Station Crew 138

- Jamie Guined, NASA (Contractor) *"The suits were AWESOME to use and definitely provided a challenge for us!! I love it!!"*

V02 Max Test

- Ann Marie Miller, MA USA Cycling Level 2 Licensed Coach, ACSM(HFI), *"The subject's heart rate, VO2 and caloric expenditure were greater at all intensities with the subject wearing the Matrixx Power Suit. This demonstrates an individual wearing the Matrixx Power Suit will burn more calories/minute at the same speed than someone wearing "traditional" gym clothes."*

Support Letters

- Former First Lady, Michelle Obama
- Don Lacy, ILC Dover
- NY Senator, Kirstin Gillibrand
- XCOR, Test Pilot (Suborbital Flights), Brian Binney
- Stephen Scarborough, ILC Dover
- Billy E Autry, NASA
- Cindy Martin-Brennan, American Society for Gravitational Space Research (ASGSR)

**“Let’s Start Improving Health
and look GOOD doing it**



With Matrixx Wearable Wellness Technology!”

Patented Wearable Wellness Technology



Other Links

MS video

<https://youtu.be/nku87AWnO4g>

U.S. Naval Academy Swim Coach, Bill Roberts

<https://www.youtube.com/watch?v=tRxfQLLEENc>

Matrixx Power Suit Company, LLC's Promotional Video

<https://www.youtube.com/watch?v=fG5k93NV8jk>

Other Matrixx Videos on YouTube – Matrixxps11

<https://www.youtube.com/channel/UCgndNpy0WqlnPHDrC6h0oBQ>

Testimonials

<http://www.thematrixxpowersuit.com/testimonials-results/>

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