

All-New Via® Anti-Gravity Treadmill®

REHAB & TRAINING TAKE A GIANT LEAP FORWARD



ALTER 

VIA ANTI-GRAVITY TREADMILL® – THE NEW WAY TO RECOVERY

The new Via Anti-Gravity Treadmill from AlterG® provides your patients a rehab and training experience unlike anything ever before. Using NASA-developed Differential Air Pressure (DAP), you can apply gentle lifting forces using air to unweight your patients to as little as 20% of their bodyweight and enable an adjustable reduction in impact and gravitational forces while walking, running, or during closed-kinetic chain exercise. All so you can defy gravity and get your patients back to good again.

New integrated gait analytics, pain reporting, and live video monitoring make it easy to see the direct effects of unweighting.

Exportable reports help clinicians improve clinical and operational efficiency.

Uniform lifting force supports normal gait and balance – without impeding natural mechanics as with hydrotherapy or harnesses.

Encourages full range of motion and balanced, natural movement.

Pressurised bag creates an “anti-gravity” chamber by providing lifting force from application of precise air pressure.

Via Anti-Gravity Treadmill

Orthopedics

- Empower your patients to move pain-free again.
- Begin weight-bearing exercise sooner while protecting sensitive healing tissues.
- Encourage range of motion.
- Normalise gait mechanics.
- Reduce gravitational forces to help maintain – or regain – healthy conditioning.

Sports Performance

- Limit downtime by enabling training through injuries and return to sport in better condition.
- Help athletes begin post-surgery training sooner.
- Help athletes increase training volume while minimising stress-related injury.
- Provide objective data to measure progress and motivate athletes.

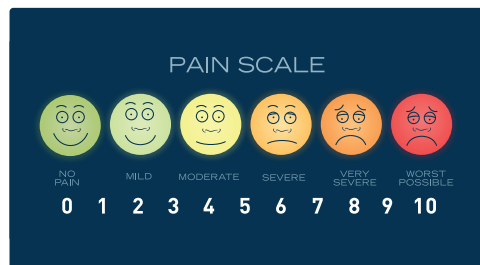
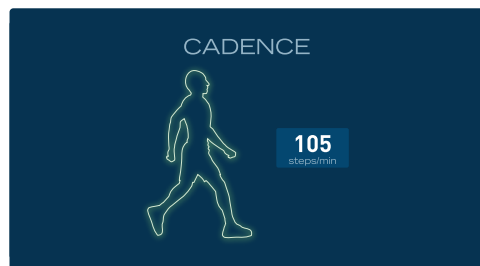
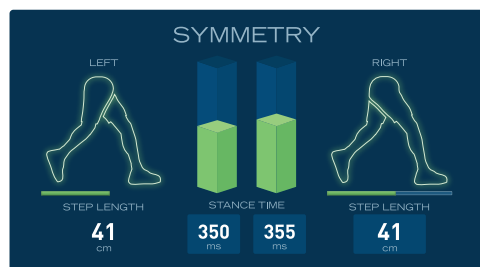
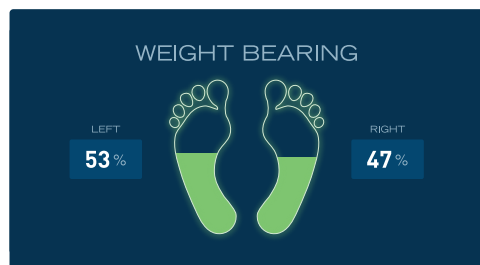
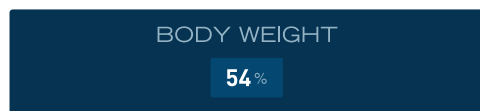
Neuro

- Support motor learning in a fall-safe environment.
- Enable functional activity and task-specific training.
- Provide support in a controlled setting for static and dynamic standing practice to work on balance, control, and strength.

Chronic Conditions

- Reduce the barrier to exercise for deconditioned, obese, or otherwise impaired users.
- Allow patients to gradually begin their training program at a rate that sets them up for continued and escalating fitness achievement.
- Increase exercise volume while minimising stress-related workload.
- Provide objective data to incentivise long-term engagement.

The Via Anti-Gravity Treadmill with integrated Stride Smart gait analytics measures gravitational load and provides simplified visual feedback on gait symmetry and pain levels, making it easy for you and your patients to work on improvements in real time. With the new, intuitive, touchscreen cockpit you will easily identify and control the direct effects of unweighting on gait and pain levels, engaging patients in therapy and establishing the optimal rehab plan based on their specific needs.



Weight Bearing Symmetry

Improves balance control and reduces risk of pain and joint degeneration from overuse in the unaffected leg.

Step Length Symmetry

Improved symmetry can increase step length and walking speed to achieve a more efficient gait and reduce fall risk.

Stance Time Symmetry

Helps patients correct asymmetries to achieve increased step length, walking speed, and improved stance time.

Cadence

Improvements can lead to faster gait, better mobility, and improved health.

Pain Recording

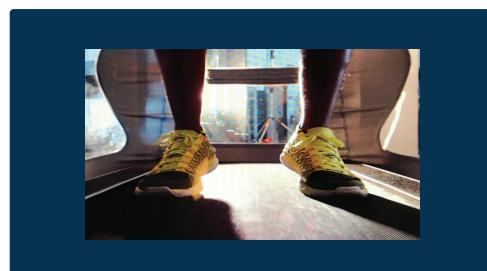
Correlating gait and unweighting with patient-reported pain scores helps establish optimal parameters for therapy.

The AlterG Assistant

Maximise your time and productivity by utilising AlterG's pre-programmed therapy sessions or develop your own for a patient-customised experience.

LIVE VIDEO MONITORING

A built-in treadmill camera enables live video monitoring, helping patients see and understand abnormal gait patterns they may not feel, empowering them to better engage in improvements.



EVIDENCE-BASED RESEARCH & DEVELOPMENT

AlterG® is committed to the scientific investigation of the potential clinical and sports performance benefits of our technology for a vast number of applications. With over 30 published articles in peer reviewed journals, and more underway every day, ample research demonstrates the positive effects of using lower body positive pressure for a wide variety of applications.



Specifications	Via 400	Via 400X
Body weight adjustment	100% to as low as 20% in as little as 1% increments	100% to as low as 20% in as little as 1% increments
Speed	0-12 mph	0-15 mph
Starting speed	0.1 mph	0.5 mph
Incline	15%	15%
Reverse	-3 mph	-5 mph
User weight	85-400 lbs	85-400 lbs

About AlterG

AlterG uses gravity-defying technology to inspire and empower people to get better at what they’re passionate about. With the use of innovative Differential Air Pressure (DAP), we enable people to move in ways they could never have imagined – to recover, maintain, and enhance their physical function for mobility, wellness, and health.



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