



AlterG Anti-Gravity Treadmills

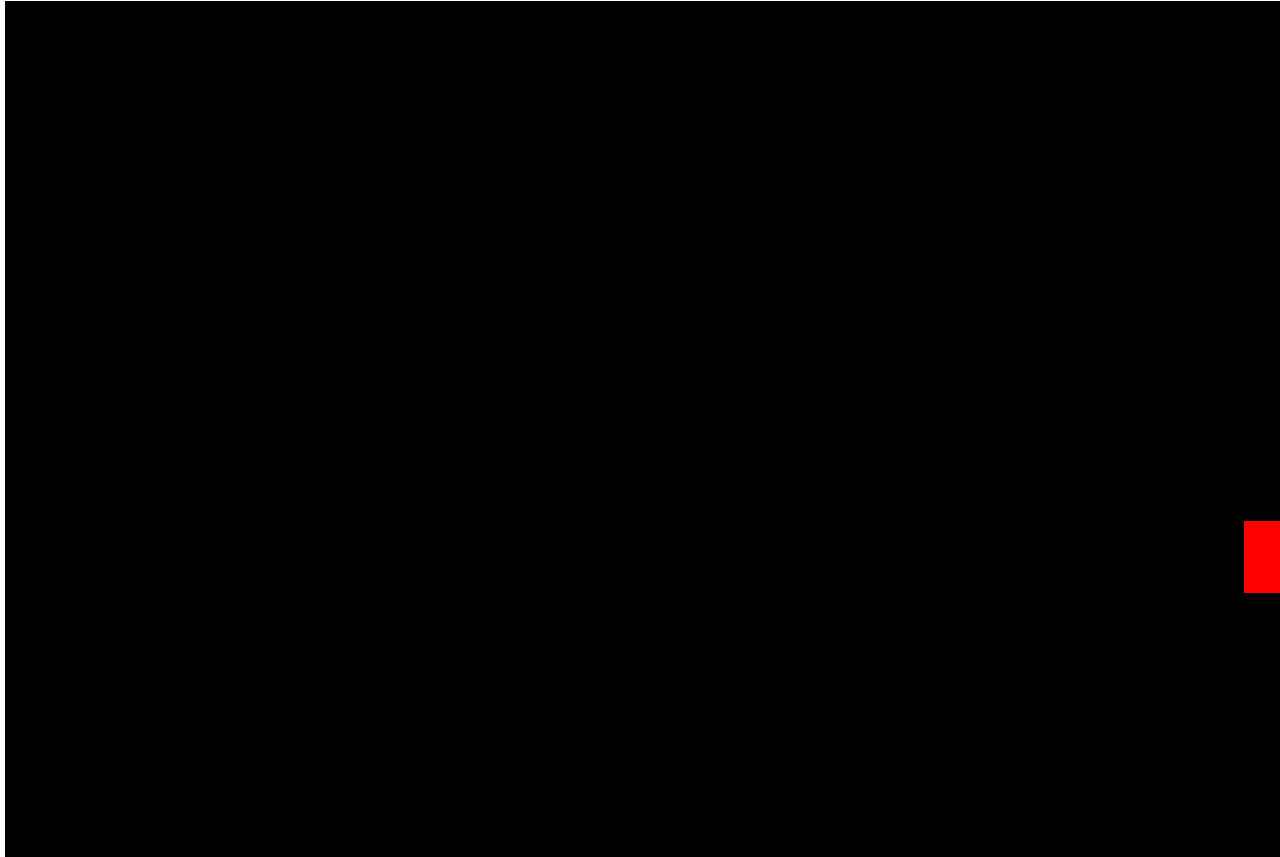
Introduction



- Physical Therapist since 1999
- Worked at Stanford 2003-2006
- Clinical Specialist for AlterG since 2010
- Educate users on the safe application of the Anti-Gravity Treadmill
- Educate prospective customers on the benefits of unweighting/progressive loading
- Help engineering/product design team with clinical application

Jacon C. Chun, MPT, SCS, ATC, CSCS

What is an Anti-Gravity Treadmill?



[YouTube link](#)

What does it do?



AlterG Anti-Gravity Treadmill



Evolution of the AlterG



- Conceived by NASA
- Training device
- Differential Air Pressure Technology (DAP)
- Studies conducted to establish safety

Who Is The AlterG Good For?

Evolution of the AlterG



First production units in 2007

- Initial sales focus on athletic performance
- Considerations:
 - Access
 - Biomechanics
 - Performance
 - Special Needs

Evolution of the AlterG



[YouTube link](#)

Evolution of the AlterG



First production units in 2009

- Rehabilitation potential
- Considerations:
 - What patients?
 - What diagnoses?
 - Precautions?
 - Contraindications?

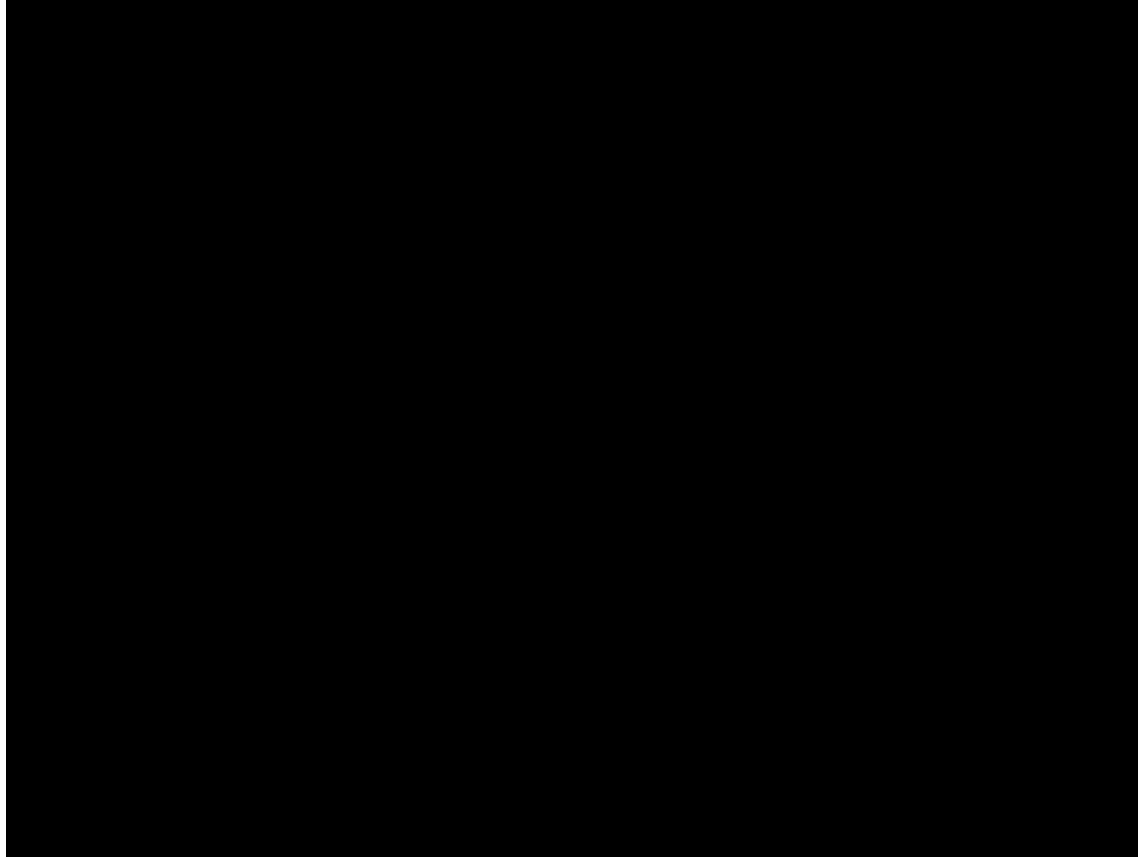
Evolution of the AlterG



What Do These Patients Need?

- Considerations:
 - Infection Risks
 - Range of Motion
 - Step Height
 - Strength
 - Access
 - Calibration technique
 - Time to calibration

Evolution of the AlterG



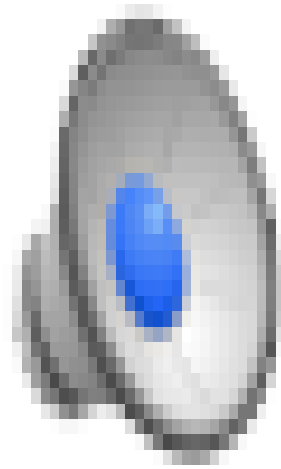
Evolution of the AlterG



- Other qualified populations?
 - Geriatric
 - Neurologic
 - Pediatric
 - Amputees
 - Bariatrics

Special Considerations For These Populations?

Evolution of the AlterG



[YouTube link](#)

Evolution of the AlterG

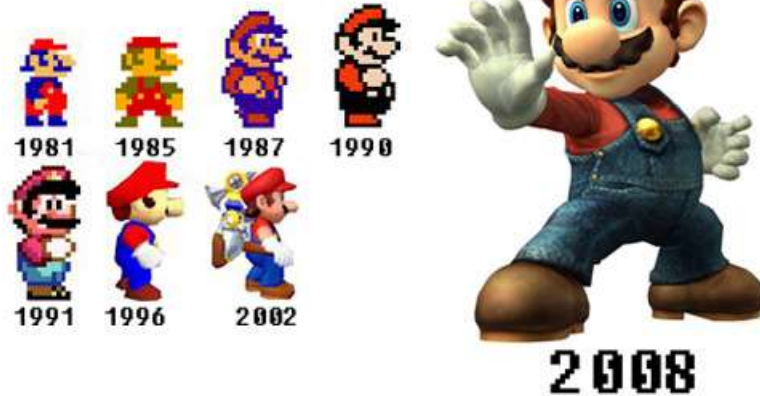
- Further Considerations
 - Patient Safety
 - Therapist Safety
 - Special Needs

Product is always evolving



Evolution of Technology

The Evolution of Mario



*Dates based on US release dates.

Geekstir.com

- Always a work in progress
- Development relies on team
 - Product Design Team
 - Engineers
 - Clinicians
 - End Users



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