



THE VISION



Hyperbolic

Revolutionizing Performance

Introduction

In an era where the pinnacle of human performance is no longer just a dream but a tangible reality, the Hyperbolic Suit Emerges as the pinnacle of sports technology. Designed by experts in athletic performance and neuromuscular facilitation, the Hyperbolic Suit is the culmination of extensive research and a passion to revolutionize the athlete's preparation and recovery the future of athletic performance.

What is the Hyperbolic Suit

The Hyperbolic Suit is not just another wearable - it is an experience. Engineered to harness neuromuscular stimulation, the suit primes the body for peak athletic performance. Combining this with enhanced heart rate elevation and increased VO2, the suit ensures optimal oxygenation to both extremities and, critically, the brain

Benefits Unveiled: Data-Driven Insights

- **Rehabilitation from Injury:** The Hyperbolic Suit accelerates the rehabilitation process, facilitating quicker recovery of muscular strength and joint function post-injury.

- **Neurological Rehabilitation:** It plays a vital role in re-establishing and strengthening neuro pathways and aids in muscular re-education, crucial for individuals recovering from neurological conditions.
- **Neuroplasticity Enhancement:** Engaging with the suit fosters neuroplasticity, the brain's ability to reorganize and form new neural connections, essential for recovering from brain injuries or strokes.
- **Muscular Atrophy Reduction:** The suit's NMF technology prevents and mitigates muscular atrophy by providing the necessary stimulation to maintain muscle mass and strength.
- **Pain Management:** Users experience relief from chronic pain, muscle tightness, and discomfort, promoting a pain-free, active lifestyle.
- **Cardiovascular Health:** Regular engagement with the Hyperbolic Suit improves cardiovascular health, supporting heart function and promoting efficient blood circulation throughout the body.

The Science Behind the Suit

Heartrate & VO2 Elevation: The technology integrated in The Hyperbolic Suit ensures that post-warm-up, athletes experience an enhancement of the tidal volume of oxygen-rich blood, ensuring every muscle is ready to deliver peak performance.

Neuromuscular Stimulation: Drawing from advanced neuromuscular principles, the suit facilitates rapid muscle activation, ensuring an athlete is always a step ahead of the competition.

Cognitive Enhancement: But we don't stop at the body. With the brain receiving optimal oxygenation, athletes experience a heightened state of cognitive function, sharpening decision-making and reaction times.

Unlock the potential of your athletic performance and embrace the future of training. The Hyperbolic Suit empowers you to achieve more with less, elevating your performance to extraordinary heights. It's time to rewrite the rules of training efficiency and experience the remarkable difference it makes in your pursuit of greatness

Elevate Your Mental Game

The Hyperbolic Suit experience is complemented with meditation and cognitive awareness training. fortitude, athletes are equipped to face the challenges of their sport with unparalleled focus and resilience.

Imagine a seamless fusion of body and mind, where every movement is executed with precision and grace. The state of flow induced by the Hyperbolic Suit ignites a heightened focus and concentration, allowing you to enter a realm of peak performance. Your mind becomes finely tuned, eliminating distractions and elevating your competitive edge.

Why Professional Athletes Need the Hyperbolic Suit

O**ptimized Performance:** Whether on the field, court, or track, the suit ensures that your body and mind are in perfect synergy, driving peak performance.

Faster Recovery: Post-game or post-training, the neuromuscular stimulation aids in rapid muscle recovery, reducing the risk of injuries and ensuring you're always game-ready

Stay Ahead: In a world where milliseconds can determine winners and losers, the Hyperbolic Suit gives you the edge.

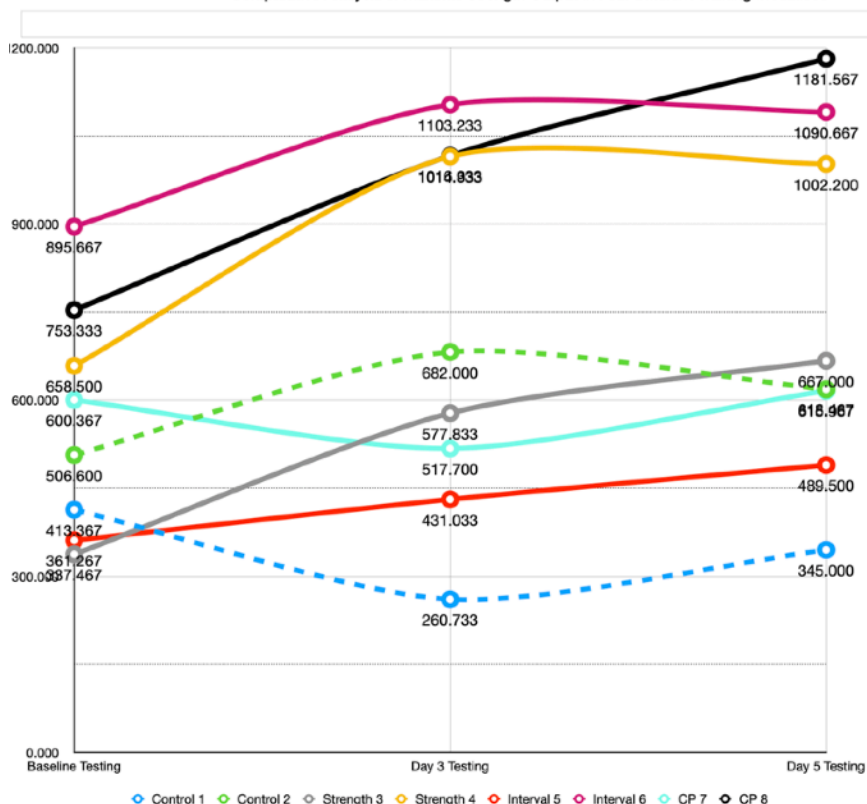
Case Study: Analysis of Intervention Effects on Athletic Performance

Abstract: This study investigated the impact of specific interventions, on strength output among male college basketball athletes. The analysis revealed significant improvements in strength output, suggesting enhanced neuromuscular recruitment. These findings have potential implications for therapeutic applications in neurological conditions such as cerebral palsy and Parkinson's disease.

Introduction: Neuromuscular recruitment is pivotal in optimizing athletic performance and is fundamental in rehabilitation strategies for neurological conditions. This study aimed to assess the efficacy of interventions like NMF in enhancing strength output.

Methods: The study involved eight college basketball athletes, randomly assigned to four groups, each undergoing different interventions over a 5-day period. Strength output was measured on Days 1 and 5, with the data analyzed for mean, standard deviation, and percentage change in strength output.

Comparative Analysis of Maximal Strength Output in Four Different Training Modalities



Results: Male participants exhibited a significant increase in mean strength output from 703.53 lbs on Day 1 to 973.23 lbs on Day 5, corresponding to a mean percentage change of 38.22%. This enhancement suggests effective neuromuscular recruitment facilitated by the interventions.

Discussion: The observed increase in strength output indicates that the interventions, particularly NMF Strength, may facilitate neuromuscular recruitment by engaging a larger number of muscle fibers and possibly enhancing the efficiency of motor unit activation. Such mechanisms are critical not only for athletic performance but also for rehabilitation in neurological conditions.

Potential Impact on Findings: An important limitation of the current study is the omission of the menstrual cycle phase as a controlled variable for the female participants. The menstrual cycle significantly impacts various physiological and psychological aspects, including hormonal fluctuations that can influence muscle strength, endurance, and recovery times. Given the scope of our study, which aimed to assess the impact of specific interventions on strength output, the failure to account for the menstrual cycle phase may introduce variability that could skew the results for our female subjects. ---

Research indicates that different phases of the menstrual cycle can affect athletic performance. For instance, the follicular phase, characterized by higher estrogen levels, is often associated with peak strength and endurance, while the luteal phase might see a slight decline in these areas due to progesterone's influence. Not accounting for these phases could lead to an overestimation or underestimation of the intervention's effectiveness. This oversight might not only affect the accuracy of the strength output measurements but also limit the generalizability of the findings to all female athletes, regardless of their menstrual cycle phase during the testing periods.

C onclusion: This study's findings underscore the potential of the Hyperbolic Suit and similar interventions in enhancing neuromuscular recruitment, with significant implications for both athletic performance and the rehabilitation of individuals with cerebral palsy or sports specific inefficiencies. Future research should explore these interventions in clinical settings to fully elucidate their therapeutic benefits.

The Future is Here: Incorporating the principles of neuroplasticity, the Hyperbolic Suit stands at the forefront of innovation in sports performance and recovery. It offers athletes a scientifically grounded, efficient, and effective way to train, recover, and enhance their neuromuscular capabilities. As we continue to explore the vast potential of neuroplasticity, the Hyperbolic Suit represents a significant step forward in our quest to optimize athletic performance and recovery.

Join the Revolution

The future of athletic performance isn't in supplements or endless training hours - it's in leveraging cutting-edge technology to optimize the human body's potential. The Hyperbolic Suit is the future, and we invite you to experience the next evolution in sports performance.

For athletes, coaches, and agents ready to redefine the boundaries of human potential, contact Alex at 949-335-2480.

"Every once in a generation, a technology emerges that changes the playing field. The Hyperbolic Suit isn't just changing the game; it's rewriting the rules."

- Rick Darnell

Former NBA player, President of NBA Retired Players Asso.



Kemmler, W., Schliffka, R., Mayhew, J., von Stengel, S., & Gall, S. (2016). Effects of Whole-Body Electromyostimulation versus High-Intensity Resistance Exercise on Body Composition and Strength: A Randomized Controlled Study. [ResearchGate](#)

Filipovic, A., Kleinöder, H., Dörmann, U., & Mester, J. (2012). The Effects of Electromyostimulation Training and Basketball Practice on Muscle Strength and Jumping Ability. [ResearchGate](#)

Kemmler, W., Teschler, M., Bebenek, M., von Stengel, S., & Birlauf, A. (2012). Regular Muscle Electrical Stimulation Could Act Favorably On Bone Mineral Density in Healthy Aged Subjects. [ResearchGate](#)

Porcari, J. P., Mier, C. M., Foster, C., Walsko, G. (2002). The Effects of Neuromuscular Electrical Stimulation on Physiologic and Functional Measurements in Patients With Heart Failure. [Journal of Cardiopulmonary Rehabilitation and Prevention](#)

Belavy, D. L., Miokovic, T., Armbrrecht, G., Rittweger, J., & Felsenberg, D. (2018). Effects of Whole-Body Electromyostimulation Versus High-Intensity Resistance Exercise on Body Composition and Strength: A 12-Week Randomized Controlled Study. [PubMed](#)

Yong-Seok Jee; J Exerc Rehabil. 2018 Feb; 14(1): 49–57. Published online 2018 Feb 26. doi: 10.12965/jer.1836022.011 [The efficacy and safety of whole-body electromyostimulation in applying to human body: based from graded exercise test](#)

Andre Filipovic, Marijke Grau, Heinz Kleinöder, Philipp Zimmer, Wildor Hollmann, Wilhelm Bloch J Sports Sci Med. 2016 Dec; 15(4): 639–648. Published online 2016 Dec 1. [Effects of a Whole-Body Electrostimulation Program on Strength, Sprinting, Jumping, and Kicking Capacity in Elite Soccer Players](#)

Filipovic, Andre; Kleinöder, Heinz; Dörmann, Ulrike; Mester, Joachim
Journal of Strength and Conditioning Research: [September 2012 - Volume 26 - Issue 9 - p 2600-2614](#)
[Electromyostimulation—A Systematic Review of the Effects of Different Electromyostimulation Methods on Selected Strength Parameters in Trained and Elite Athletes](#)

Wirtz N, Zinner C, Doermann U, Kleinoeder H, Mester J. Effects of Loaded Squat Exercise with and without Application of Superimposed EMS on Physical Performance. *J Sports Sci Med*. 2016;15(1):26-33. Published 2016 Feb 23.

[Effects of Loaded Squat Exercise with and without Application of Superimposed EMS on Physical Performance](#)

Filipovic A, Kleinöder H, Dörmann U, Mester J. Electromyostimulation--a systematic review of the effects of different electromyostimulation methods on selected strength parameters in trained and elite athletes. *J Strength Cond Res*. 2012;26(9):2600-2614. doi:10.1519/JSC.0b013e31823f2cd1

[Electromyostimulation--a systematic review of the effects of different electromyostimulation methods on selected strength parameters in trained and elite athletes](#)