

RESTORE & MAINTAIN PEAK PERFORMANCE

VITAXCELL



*Advanced Regenerative
Medical Treatments
& Stem Cell Therapy*

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INTRODUCTION

Elite athletes demand extraordinary performance from their bodies subjecting them to injuries, potentially risky surgery and extended periods of recovery.

VITAXCELL specializes in providing minimally-invasive advanced regenerative and preventative therapies that support:

- ✓ Reduce re-injury risks
- ✓ Avoiding risky surgery
- ✓ Identify underlying issues
- ✓ Extend your athletes' peak performance years

WHY VITAXCELL?

Our aim is to not only help athletes recover but also address the root causes of their challenges, empowering them to enhance performance.



WORLD-CLASS TEAM

Our treatments are backed by a global network of medical experts and cutting-edge technology, ensuring athletes receive the highest level of care.



COMPLIANT & CERTIFIED

Backed by ISO- and GMP-certified labs producing the highest-quality MSC cells. Treatments are aligned with WADA and FDA requirements.



ADVANCED TREATMENTS

Mesenchymal Stem Cell (MSC)* therapy combined with enhancements like PRP, focused shockwave therapy, hyperbaric chambers and bio-photon lasers.



TAILORED TREATMENTS

No two athletes are created equal. Our specialists tailor each treatment to individual injuries and performance goals.



GAME CHANGING POTENTIAL OF STEM-CELL THERAPY

- ✓ **Tissue Regeneration:** Stimulate accelerated repair of ligaments, tendons, and cartilage.
- ✓ **Inflammation Reduction:** Minimize swelling, enabling faster recovery.
- ✓ **Non-Surgical Solution:** may offer an alternative to surgery *(always discuss options with your primary physician)*



INCREASING ADOPTION OF STEM-CELL THERAPY IN PRO SPORTS

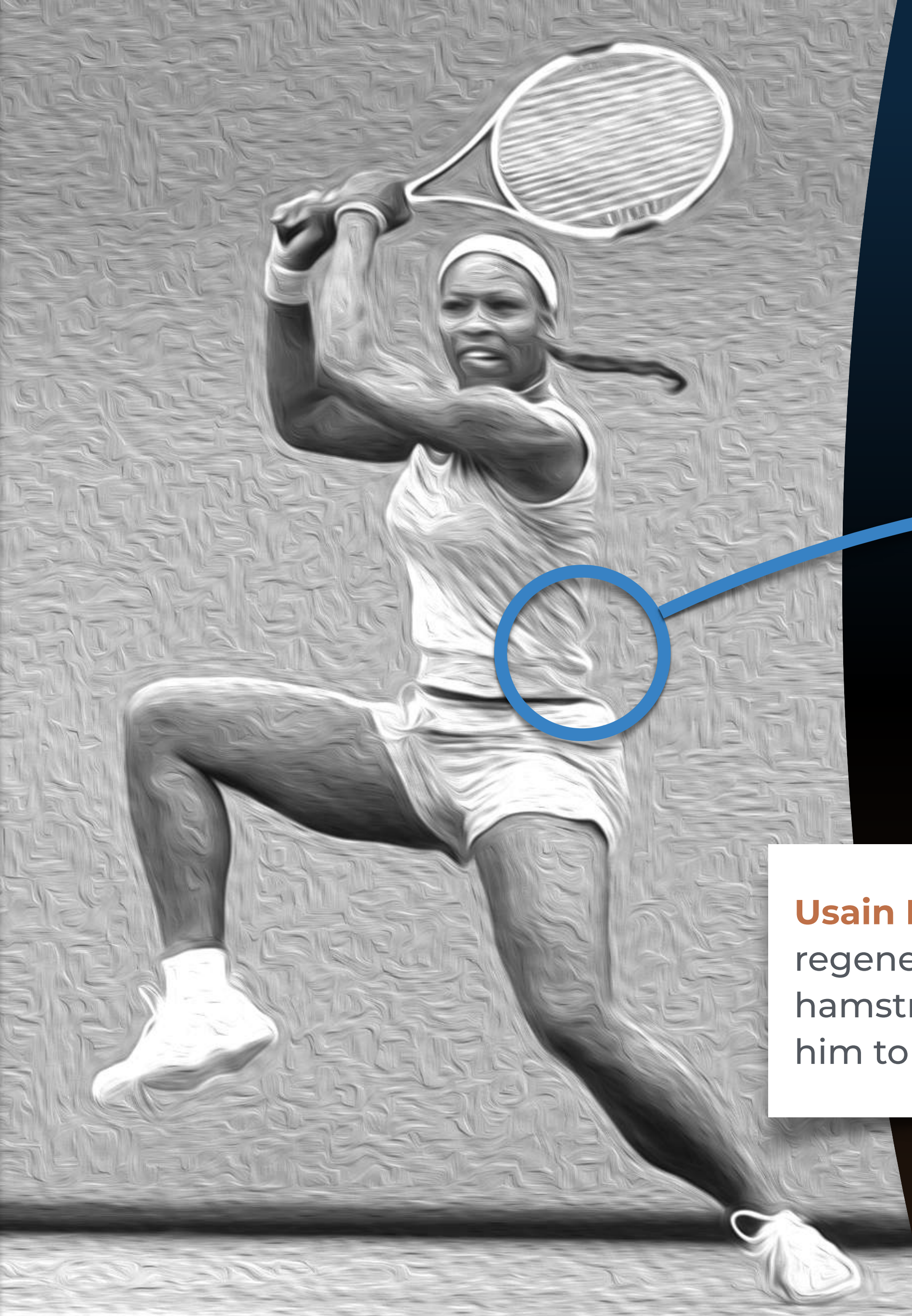
Athletes across elite leagues—Super League / World Cup Rugby, AFL, FIFA, PGA, and ONE FC—are increasingly turning to stem cell therapy to treat injuries that previously required invasive surgery, and to increase player longevity thanks to the regenerative qualities.

HIGH PROFILE CASES

David Beckham used stem cell therapy to treat an Achilles injury, enabling a rapid recovery and allowing him to continue playing at a high level in competitive leagues.

NFL's **Hines Ward** utilized stem cell therapy before the Super Bowl to recover from a knee injury, enabling him to play at peak performance and contribute to his team's victory.

HIGH PROFILE CASES



Serena Williams overcame recurring back pain with advanced diagnostics and precision treatments



Usain Bolt relied on regenerative therapies for hamstring recovery, enabling him to break world records.

OVERVIEW OF STEM CELL THERAPY

	STEM-CELL THERAPY
PREVENTATIVE MEASURES	Repairs undetected wear & tear potentially avoiding future injuries
INCREASES LONGEVITY	Regenerates tissues closer back to normal with minimal to no scar tissue
RECOVERY TIME	Typically 1½ - 6 months
PSYCHOLOGICAL STRESS ON ATHELETE	Significantly less stressful due to minimally invasive nature and quicker return to training
INVASIVENESS	Minimal <i>Intravenous / local injection</i>
TREATMENT RISKS	Negligible
TREATMENT INDUCED RE-INJURY RISKS	None <i>strengthens tissue rather than creating structural changes</i>

**Note: in certain cases it is more advantageous to combine surgery with stem-cell therapy*

THE ADVANTAGES

How we help you Maintain Performance,
Accelerate Recovery, Extend Careers & Amplify ROI

ADVANTAGES OF VITAXCELL STEM-CELL THERAPY



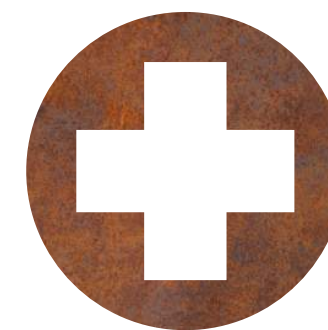
SURGERY ALTERNATIVE*

Effective at quickly regenerating ligaments, muscles, cartilage, tendons, bone and organ tissue.



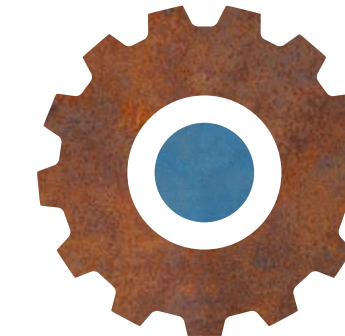
FASTER RECOVERY

Get athletes back in the game faster by reducing typical recovery time by 40 to 50%.



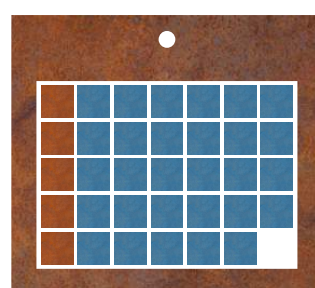
REDUCED RE-INJURY

Tissue regeneration instead of complex surgery helps keep the risk of re-injury low.



MAINTAIN CONSISTENCY

Less recovery time means more time in practice and play for continual improvement.



EXTEND CAREERS

Preventative properties give athletes the edge to increase the lifespan of their careers.



INCREASE ROI

Healthier and more seasoned athletes mean a greater return on investment for all involved.



PEACE OF MIND

No performance enhancing treatments and FDA/WADA aligned evidence based protocols.



HAPPIER ATHLETES

Non surgical treatments give athletes peace-of-mind to return to maximum performance.

**Note: in certain cases it is more advantageous to combine surgery with stem-cell therapy*

MAXIMIZE ROI **FOR ATHLETES & TEAMS**



FOR ATHLETES

Extended Careers: Unlock the potential for up to 5 extra years of peak performance.

Faster Recovery: Minimize downtime with accelerated healing.

Injury Prevention: Strengthen tissues, repair micro-tears, and significantly lower re-injury risks.



FOR TEAMS

Keep Star Players in Action: Ensure your top performers are available when it matters most.

Boost Team Success: Reduce recovery times to maintain a competitive edge and optimize overall performance.



GET THE SUPPORT OF A WORLD CLASS TEAM

Our treatments are backed by a global network of medical experts and cutting-edge technology, ensuring athletes receive the highest level of care.



**DR. ANN NETSUKSANG, M.D.**

CHIEF PHYSICIAN - VITAXCELL
EXPERT IN REGENERATIVE MEDICINE

MSc. Anti-aging and Regenerative Science Cand.

Dr. Ann is a distinguished medical professional specializing in anti-aging and regenerative medicine with extensive clinical expertise in stem cell therapies and IV nutritional strategies.

She has successfully performed hundreds of stem cell procedures with transformative results across diverse medical and aesthetic applications. Her dedication to evidence-based medicine and her innovative approach to patient care have established her as a leader in regenerative healthcare.

REGENERATIVE MEDICINE IMPACT

- **Performed Hundreds of Successful Stem Cell Procedures:** Results-driven treatments addressing conditions such as anti-aging, neurological recovery, erectile dysfunction, mobility restoration, and beauty enhancement. Demonstrated expertise in utilizing mesenchymal stem cells (MSCs) and exosomes to achieve targeted therapeutic outcomes.
- **Comprehensive Aesthetic and Regenerative Solutions:** Skilled in advanced facial rejuvenation techniques, combining stem cell therapies with modern aesthetic modalities to achieve remarkable skin health and beauty outcomes. Proficient in designing and implementing tailored regenerative treatments to improve patient mobility and quality of life.
- **Neurological and Sexual Wellness Expertise:** Delivered successful outcomes for patients seeking recovery from neurological conditions and enhanced sexual performance through stem cell and IV therapy integration.
- **Research and Innovation:** Leading the integration of advanced regenerative technologies at VITAXCELL, ensuring the highest standards of safety and efficacy in all treatments. Ongoing academic contributions to the field, including her thesis work and research on cellular therapies.



DR. NATTHADECH THONGMUN, M.D.

ORTHAPEDIC SPECIALIST - VITAXCELL

MSc. Health Science Education

Dr. Natthadech Thongmun, (known as Dr. Benz), is a highly skilled orthopedic doctor with over seven years of experience in treating musculoskeletal disorders and trauma. He has built an impressive career combining advanced education, clinical expertise, and a passion for improving patient outcomes through innovative techniques.

Dr. Benz continues to advance his knowledge and skills, combining his clinical expertise with cutting-edge research and patient-centered care. His dedication to education and innovative treatments makes him a valuable contributor to the field of orthopedics.

ORTHOPEDIC MEDICINE IMPACT

- **Orthopedic Doctor:** Specializes in the diagnosis and treatment of orthopedic diseases, trauma care, minor operations, and non-invasive procedures for hand and knee disorders. Expertise in ultrasound-guided joint examinations, muscle physiotherapy, and treating conditions like trigger finger, carpal tunnel syndrome, meniscus injuries, and osteoarthritis of the knee.
- **Awards:** Awarded First Runner-up in Research English Oral Presentation (2023) for groundbreaking work on the effectiveness of ultrasound-guided Adductor Canal Block combined with IPACK to improve range of motion in knee arthroscopy.



JASON COURT

DIRECTOR OF SPORTS EXCELLENCE - VITAXCELL
SPORTS-RELATED TREATMENTS & RECOVERY PROGRAMS

Jason Court will concierge your procedures from onboarding to ongoing support. He can offer initial assessments and following treatments offer rehabilitation leading into long term assistance at maximizing your athletic movement.

With over 30 years of experience in the sports performance industry, Jason Court has an unparalleled background in coaching and conditioning elite athletes and teams. As a former professional athlete and certified strength and conditioning expert, he has worked across diverse pro sports disciplines, including rugby, golf, surfing, and boxing.

ELITE SPORTS IMPACT

- **Elite Rugby Contributions:** Strength & Conditioning Coach for the England Rugby Team (2013–2016), including the Rugby World Cup 2015 and Six Nations Championship.
- **Professional Golf:** Maintaining his NZPGA Professional Golf Card, Jason has coached world-class golfers, including 6-time world amputee champion Geoff Nicholas.
- **Boxing and Triathlon Excellence:** Training champions like Tania Reid (ANBF Australasian Lightweight Boxing Champion), Grant "Bomber" Barker (World Kickboxing Champion), and Shorty Clarke (World Master Champion Triathlete).
- **Surfing:** Conditioning coach for Paige Hareb, WSL professional surfer and World Pro Junior Championships silver medalist.



ADVISORY & RESEARCH

VITAXCELL utilizes consultant advisory experts to offer independent external advice on approaches.

VITAXCELL is also committed where possible to ethical collection of data to objectify clinical and performance outcomes ultimately for peer review. Our advisors also assist in this process.

ADVISORY & RESEARCH



PROFESSOR CHRISTIAN JOHN COOK

ADVISOR IN ATHLETIC RECOVERY &
ADVANCED THERAPEUTIC APPROACHES.

*Professor of Biomedical Physiology,
University of New England, Australia*

ELITE SPORTS IMPACT

- **Olympics:** Eight cycles (Winter and Summer) across multiple disciplines including bobsled, snowboarding, track and field, rowing, and hockey.
- **Rugby:** Four Rugby World Cup campaigns with New Zealand and England.
- **Other Sports:** Partnerships with America's Cup Yachting, AFL, rugby league, tennis, and professional surfing teams.

Professor Christian John Cook (Professor of Biomedical Physiology, University of New England, Australia) is one of our consultant advisors offering advice in sports recovery, therapeutic approach, ongoing rehabilitative training and research in these areas.

With over four decades of experience bridging medicine, biomedical research, and elite sports performance, Professor Cook has worked with world-class athletes, teams, and organizations across rugby, yachting, cricket & the Olympics.

He is an international leading researcher in sports performance having published over 250 peer reviewed papers and several patents.

Professor Cook's insights have revolutionized the approach to athlete preparation, rehabilitation, and injury prevention.

ADVISORY & RESEARCH

PARIN KLABKLAI

STEM CELL SPECIALIST MOLECULAR TECHNOLOGIST

MSc. Medical Technology

Parin Klabklai is a distinguished molecular technologist with extensive experience in stem cell research and molecular biology. With a Bachelor's and Master's in Medical Technology from the prestigious Mahidol University in Thailand, he has been at the forefront of cutting-edge research on stem cell applications for regenerative medicine.

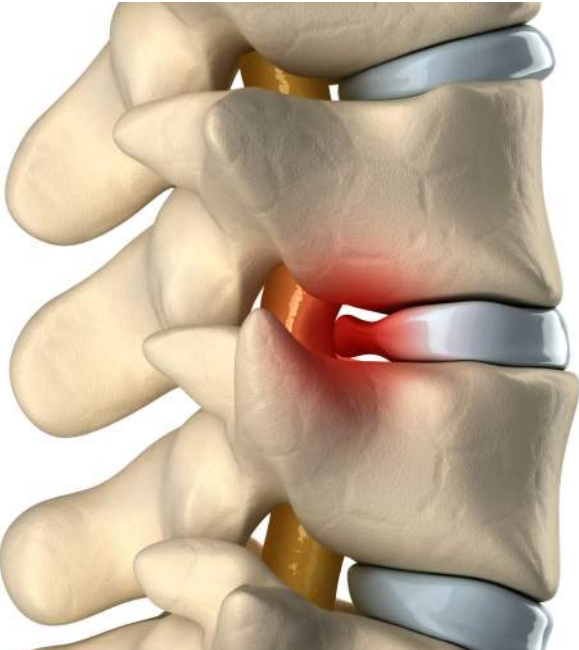
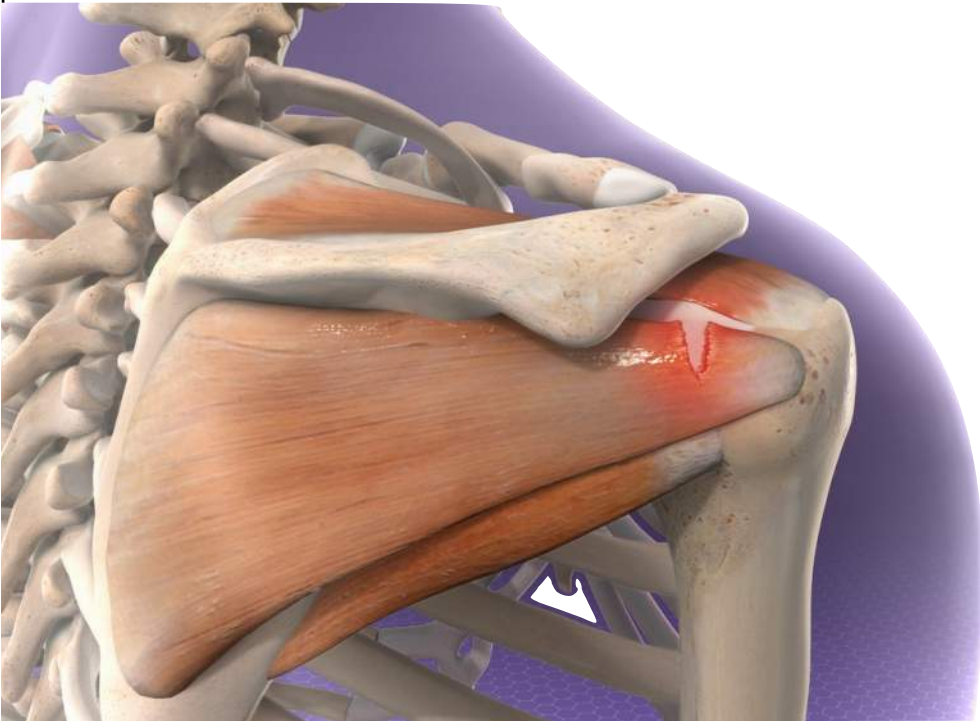
Parin's profound understanding of MSC behavior under stress conditions makes him an asset in developing innovative therapies tailored for athletic recovery. His insights into cellular rejuvenation and regeneration align with the goals of optimizing player performance and extending career longevity.

STRENGTHS IN STEM CELL KNOWLEDGE

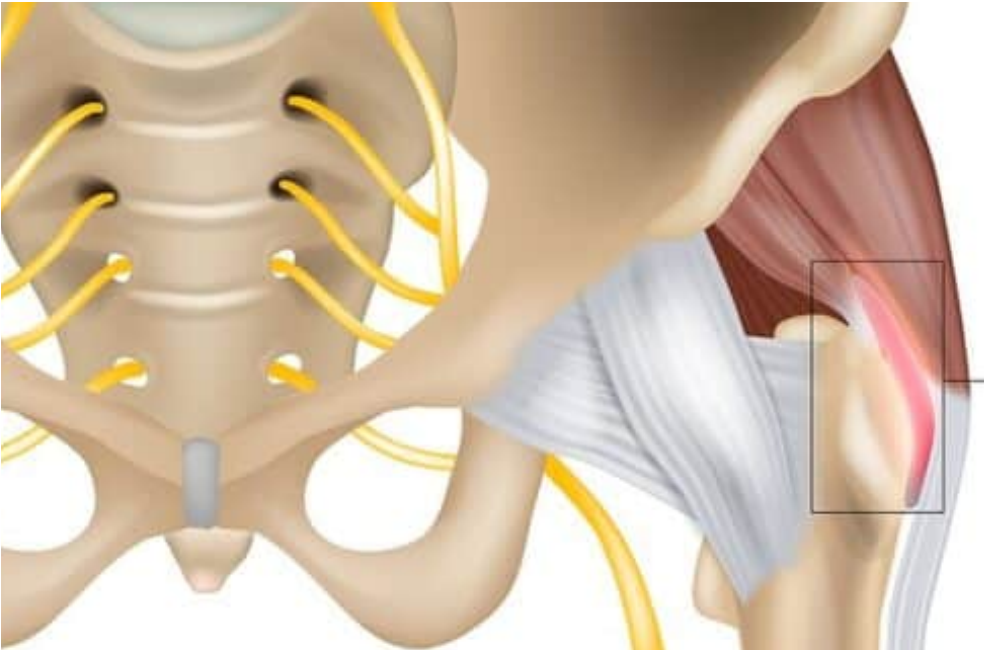
- **Human Cell Culture Expertise:** Proficient in primary cell isolation and cultivation, focusing on creating optimal conditions for cell growth and differentiation.
- **Molecular and Imaging Techniques:** Skilled in advanced tools like confocal microscopy and real-time RT-PCR for analyzing cellular and molecular dynamics.
- **Published Research:** His contributions to the field include studies on mesenchymal stem cells (MSCs) and their potential in high-glucose environments, revealing insights into osteogenic differentiation and cellular senescence.

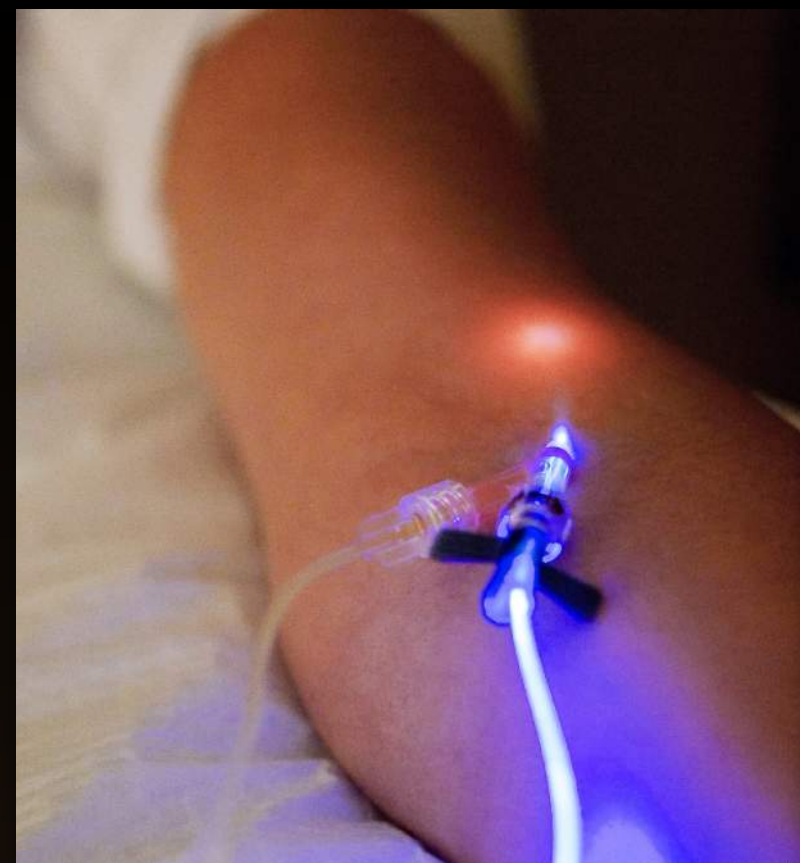
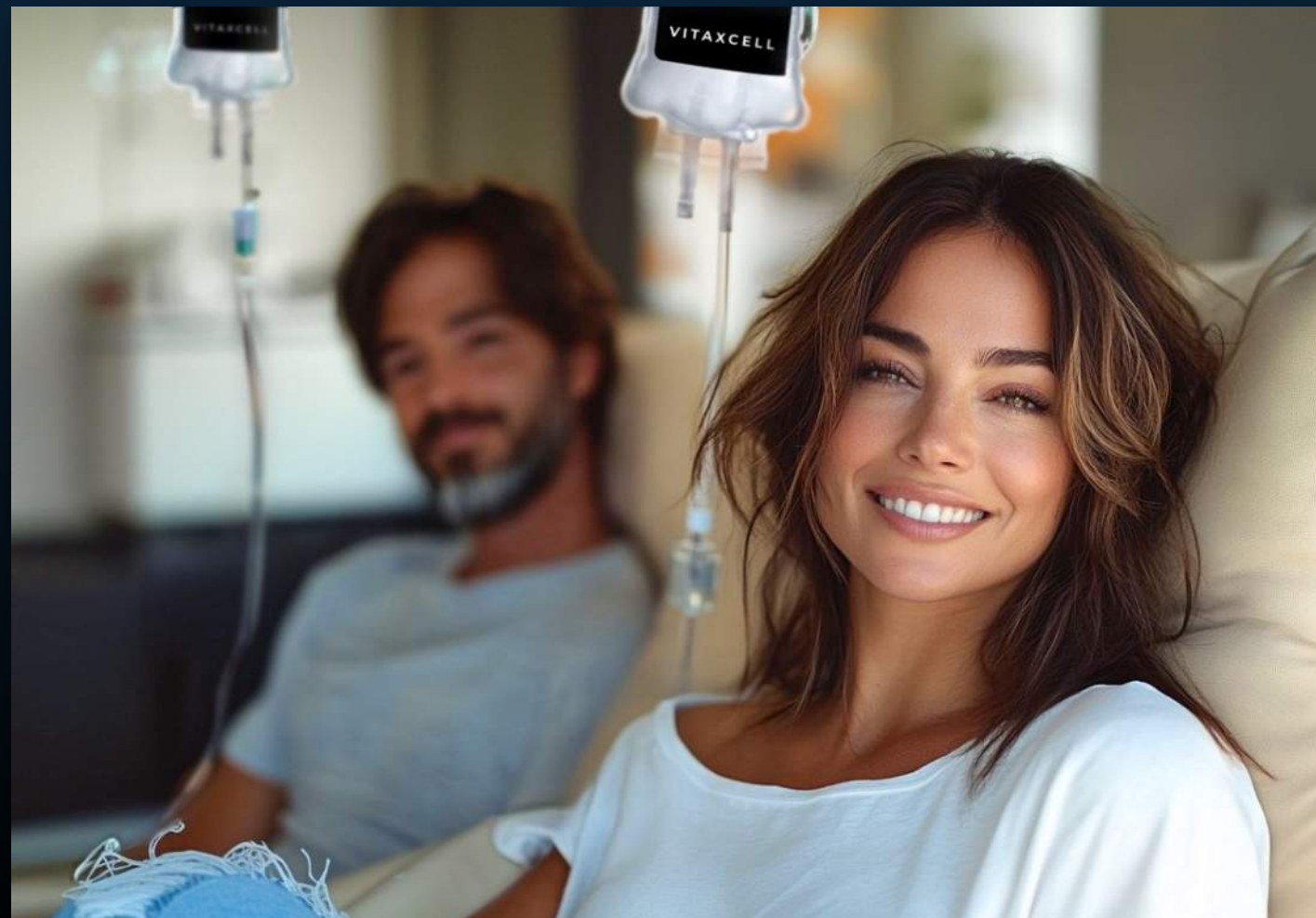
WHAT WE TREAT

Regenerative and preventative injury management

	COMMON ISSUES	VITAXCELL SOLUTIONS	EXAMPLE CASES
1 NECK & BACK INJURIES	• Herniated discs • Spinal misalignments • Chronic back pain Frequent in high-impact sports	✓ Stem cells for accelerated repair of damaged spinal tissues and reduce inflammation ✓ Reduce inflammation ✓ Alleviate chronic pain ✓ Complementary therapies like HBOT accelerate recovery by improving oxygenation	 An AFL player suffering from a herniated disc used stem cells to regenerate damaged tissue, allowing him to return to play within 8 weeks, compared to the typical 4-6 months with surgery. Serena Williams (Tennis): Overcame recurring back pain with advanced diagnostics and precision
2 SHOULDER & CONNECTIVE TISSUE INJURIES	• Rotator cuff tears & inflammation • Labral Tears Frequent in contact sports	✓ Stem cells to regenerate damaged tissue faster than surgery ✓ Reduce inflammation ✓ Alleviate chronic pain ✓ Complementary therapies like Focused Shockwave Therapy stimulate targeted faster healing	 A FIFA goalkeeper treated for a rotator cuff tear and shoulder connective tissue damage using stem cells was able to return to training in 6 weeks, avoiding the typical 3-6 months required post-surgery.

	COMMON ISSUES	VITAXCELL SOLUTIONS	EXAMPLE CASE
3 KNEE & JOINT INJURIES	• ACL, MCL & meniscus tears • Ligament damage • Tendon damage • Common in contact sports	✓ Stem cells to regenerate cartilage, ligaments, and tendons, faster than unassisted healing ✓ Complementary treatments like PRP and Focused Shockwave Therapy to accelerate healing	 An AFL player with a torn ACL opted for stem cells and returned to full activity in 6 months, compared to 9-12 months post-surgery. Cristiano Ronaldo (Soccer): Relied on advanced MSC treatments to address knee inflammation during critical seasons.
4 ELBOW & WRIST INJURIES	• Rotator cuff • Labral Tears • Common in golf, tennis & combat sports	✓ Reduces risky surgery ✓ Recovers faster ✓ Reduces inflammation ✓ Regenerates damaged tissue ✓ Alleviates chronic pain	 A ONE FC fighter suffering from wrist ligament and tendon damage used stem cells to avoid surgery and was available to compete within 4 weeks
5 MUSCLE TEARS & STRAINS	• Hamstring, Quad, and Calf Injuries • Labral Tears • Common in golf, tennis & combat sports	✓ Regenerates muscle tissue and connective fibers quickly ✓ Prevents buildup of scar tissue that can cause re-injury ✓ Reduce recovery time by 30-50% ✓ Complimentary treatments like Biophoton Laser Therapy	 LeBron James (NBA): Used advanced IV infusions to manage muscle strains and maintain peak performance. Usain Bolt (Track & Field): Relied on regenerative therapies for hamstring recovery, enabling him to break world records.

	COMMON ISSUES	VITAXCELL SOLUTIONS	EXAMPLE CASE
6 HIP & GROIN INJURIES	• Hip impingement • Labral tears • Groin strains • Connective tissue injuries • Common in impact sports and athletics	✓ Avoid risky surgery ✓ Recover faster ✓ Reduce inflammation ✓ Regenerate damaged tissue ✓ Maintain full mobility & performance ✓ Alleviate chronic pain	 A football player with a labral tear and connective tissue damage in his hip used stem cell therapy and returned to competition in 6 weeks, compared to the 4-6 months typical with surgery. Andy Murray (Tennis): Tailored therapies enabled him to return to elite competition following hip surgery.
7 ANKLE & FOOT INJURIES	• Sprains • Fractures • Achilles tendon injuries • Common in impact sports and athletics	✓ Accelerate the healing process for ligaments, tendons, and connective tissue ✓ Reduced risk of re-injury ✓ Avoid risky surgery ✓ Recover faster ✓ Alleviate chronic pain	 Gareth Bale (Soccer): Recovered from ankle ligament injuries using MSC therapy, returning to competitive play without invasive surgery.



HOW WE TREAT

Tailored regenerative & preventative
injury management with post
treatment guidance & support

ETHICALLY SOURCED HIGH-POTENCY MSCS



Cells cultured in ISO Certified lab



ISO 15189:2022
ISO 15190:2020
ISO 20837:2018

- Passage 3 Mesenchymal Stem cells* - an extremely high 99% viability
- We **ONLY** use Fresh cells (most other clinics use frozen cells which have < 80% viability)
- Ethically sourced using umbilical cords & non-mRNA donors
- Our lab is FDA, ISO & GMP certified with the highest of international standards
- Cells are cultured for an individual patient & include certified culture report (ISO Standard)

*VITAXCELL does NOT use embryonic stem cells

COMPLEMENTARY THERAPIES THAT MAXIMIZE RESULTS



Focused Shockwave Therapy

- Stimulates blood flow, reduces inflammation and promotes tissue regeneration.
- Stimulates stem cell activity, making the combined therapy particularly effective for promoting faster, more complete healing.
- Reference: [British Journal of Sports Medicine](#)



Advanced Laser Therapeutics

- activate cellular processes that complement MSC functions, such as increasing ATP production, eliminating pain, stimulating tissue repair
- Rejuvenates cells, reduces inflammation and accelerates tissue repair
- [Journal of Orthopedic Surgery and Research](#)



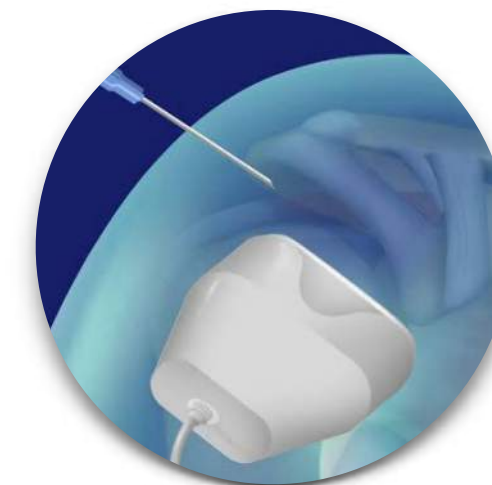
Plasmapheresis*

- Cleanses blood by removing harmful toxins, metabolic waste, and inflammatory markers.
- Supports a robust immune system, reducing downtime from illness or injury.
- Boosts athletic longevity and helps maintain peak conditioning.



Hyperbaric Oxygen Therapy (HBOT)

- Enhances cellular repair, accelerates recovery and survival & functionality of MSCs in hypoxic injury environments
- Ideal for injury recovery, athletic performance, and overall wellness.



Therapeutic Ultrasound

- Targeted treatment for deep penetration to treat targeted injuries effectively without surgery.

*Does not comply with WADA guidelines



TAILORED - WADA COMPLIANT IVs



ANTI-INFLAMMATORY

Potent chronic inflammation and pain reduction



NERVE REPAIR

Promote accelerated recovery from nerve damage



ENERGY OPTIMIZATION

Enhances mitochondrial function for sustained performance

POST-TREATMENT & PREVENTATIVE SUPPORT

We work with athletes' medical team to suggest any recovery protocols based on our treatment plan and diagnosis.



OUR PROCESS



COMPLIANT TREATMENTS

Certified labs and ethically sourced cells: Our lab is FDA, ISO & GMP certified with the highest of international standards. All cells are ethically sourced from healthy donor umbilical chords cultured & include a certified culture report for each batch (ISO Standard).

FDA-Aligned Practices: Our therapies utilize minimally manipulated MSCs derived from umbilical cord tissue, ensuring compliance with FDA guidelines under 21 CFR Part 1271. These processes are designed to meet the highest standards of safety and efficacy.

WADA Compliant: Our treatments (excluding plasmapheresis) are currently WADA compliant.

Prior to treatments please ensure compliance with your specific sport regulations and if necessary, seek a TUE via your physician's assistance.

Cells cultured in ISO Certified lab





RESEARCH

We are committed to delivering the best practice clinical treatments possible. As such we pursue ethical collection of data outcomes, and seek to open these up to peer review through publication. Research drives our excellence forward.

WHERE WE TREAT

Easily accessible & award-winning resort island location



KOH SAMUI ISLAND

BANGKOK
60min

HONG KONG
3hrs 30min

SINGAPORE
1hr 55min

Strategically located on the idyllic resort island of Koh Samui. Enjoy the convenience of short and direct flights from Singapore, Hong Kong, and Bangkok.

CONVENIENT LOCATION

10 MINUTES FROM:

- International airport
- Main shopping center
- 5-Star resorts



RECLAIM YOUR HEALTH & VITALITY IN PARADISE

Best island
Asia Pacific
2024
*Travel & Leisure
Luxury Awards*

9th best
holiday
destination
in the world
2024
FORBES

KOH SAMUI – AWARD WINNING ISLAND

VITAXCELL is the world's only MSC
therapy medical center on a tropical
resort island.



OR PRIVATE LUXURY VILLA STAYS



WORLD CLASS ACCOMMODATION



VITAXCELL

FIND OUT HOW WE GIVE YOU THE EDGE

Get in Touch >



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