NEXOSOMES™

Unlock the Power of Exosomes in Regenerative Medicine



INNOVATIVE CELL-FREE THERAPY FOR *ADVANCED CLINICAL APPLICATIONS*

by NEXT BIOSCIENCES

WHAT ARE NEXOSOMES?

Nexosomes are nanosized membrane-bound extracellular vesicles extracted from umbilical cord blood serum.

Nexosomes are known to accelerate tissue regeneration and reduce inflammation.

Serving as biological messengers
carrying data in the form of proteins, lipids and nucleic acids

Facilitating intercellular communication
and modulating cellular function

Offering a cell-free, low-immunogenicity approach
for regenerative therapy

Extracted from cord blood serum, Nexosomes is an ethical source of human-based exosomes, which provide better biocompatibility making them more effective for regenerative applications.

PRODUCT DETAILS

- 70-150 nm in size
- Clinical Grade: approximately 5 billion exosomes per vial
- Aesthetic Grade: approximately 1 billion exosomes per vial
- Produced by Mesenchymal Stem Cells within umbilical cord blood

ADMINISTRATION OPTIONS

- Topical application after facial treatment/procedure
- Alongside microneedling or similar treatments
- Injury targeted injections
- IV infusion

AESTHETICALLY

Nexosomes possess anti-inflammatory properties that can help calm irritated skin, improve hydration and provide heightened elasticity by enhancing the skin's barrier function.

Aesthetic Grade vials contain approximately 1 billion exosomes per vial.

CLINICALLY

Nexosomes hold a pivotal position in orthopaedic injuries, noted for their potential in tissue regeneration and cell communication by assisting crucial healing pathways.

Clinical Grade vials contain approximately 5 billion exosomes per vial.

SCIENTIFIC BENEFITS



Nexosomes is designed for targeted clinical impact:

- **Tissue regeneration:** Supports repair and recovery at the cellular level
- **Anti-inflammatory effects:** Modulates immune responses naturally
- **Enhanced bioactivity:** Contains concentrated signalling molecules for maximum therapeutic potential
- **Safe and standardised:** Produced under GLP-compliant conditions for safety and reproducibility

CLINICAL APPLICATIONS



Potential applications include:

- Skin rejuvenation, pigmentation correction, skin elasticity, and firmness
- Dermatology & aesthetic medicine, and increased collagen production
- Hair regeneration
- Orthopaedics and musculoskeletal repair
- Wound healing and chronic injury recovery
- Emerging therapies in regenerative medicine

Discover how Nexosomes can advance your practice.

Contact us today for detailed product specifications, clinical data and ordering information.

Call **072 135 5831** | Email **cellular.therapy@nextbio.co.za**