

A Look at placental tissue allografts in wound healing and musculoskeletal injuries: Protocols for successful outcomes

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Musculoskeletal trauma and wound healing acceleration utilizing Rheo, a cryopreserved amniotic fluid, Wharton's jelly, Extra-Cellular Matrix (ECM) allograft, minimally manipulated via the AnuSureTech proprietary process.

Maintaining the functionality of healthy placental tissue containing extracellular matrix and bioactive cytokines (growth factors, chemokines), intracellular messengers (miRNA, Exosomes) and cellular components in a cryopreserved injectable allograft. It is the combination of the amniotic fluid, cellular components, Wharton's jelly, ECM, cytokines producing an immunomodulatory, and anti-inflammatory effect. That enhances the recipients, tissue

regenerative ability and providing significant value in pain control, orthopedic pathologies, organ system pathologies.

The bioassay results presented in this paper demonstrate that the AnuSureTech process is a significant advancement in placental tissue processing providing high levels of cytokines, growth factors, cellular components and ECM after processing and sterilization.

Case study discussion of specific protocols to utilize this regenerative allograft in order to achieve optimal success in a variety of orthopedic, wound and cosmetic indications. Allowing their use in regenerative medicine highly effective and safe.

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