

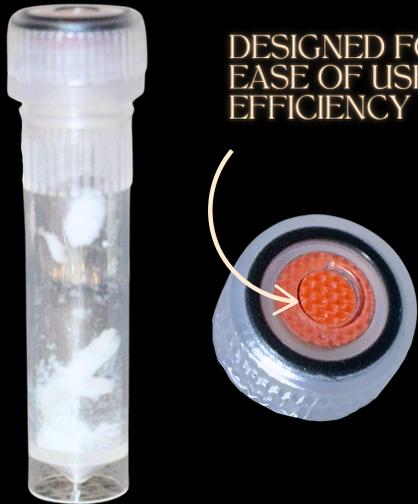


Platinum Biologics

NANO-DPM

The First Ever Lyophilized Wharton's Jelly

At Platinum Biologics we are revolutionizing the field of patient ready allografts. With NanoDPM you finally have a real, affordable, easy to apply regenerative medicine solution for your toughest client cases.



DESIGNED FOR EASE OF USE AND EFFICIENCY

The unique topper features a convenient push mechanism that allows you to easily add your solution directly into the vial. After mixing, the design also enables you to effortlessly draw your syringe through the top, ensuring a seamless and sterile process. This dual functionality enhances usability while maintaining the integrity of the product, making it an ideal choice for your needs.

THE FIRST OF IT'S KIND!

Platinum Biologics is revolutionizing regenerative medicine with its new lyophilized Wharton's Jelly, a shelf-stable, high-potency biologic designed for unparalleled convenience and efficacy. This cutting-edge product delivers the same powerful growth factors, cytokines, and extracellular matrix components found in fresh Wharton's Jelly, but with extended shelf life and no need for cryogenic storage. Physicians can now access premium regenerative solutions anytime, without logistical challenges, ensuring faster treatment times, reduced waste, and increased patient access to advanced biologics. With Platinum Biologics' industry-leading quality and innovation, this next-generation Wharton's Jelly is set to transform patient care.

WHY WHARTON'S JELLY?

Wharton's Jelly, a connective tissue found in the umbilical cord, is primarily composed of mesenchymal stem cells and various extracellular matrix components such as collagen, chondroitin sulfate, hyaluronic acid, and sulfated proteoglycans. It boasts the highest concentration of mesenchymal stem cells per milliliter compared to other tissues rich in extracellular matrix components. Additionally, Wharton's Jelly contains clinically significant growth factors, cytokines, and extracellular vesicles.

The advantages of Wharton's Jelly stem from its abundant extracellular matrix components, including collagen types I, III, and V, elastin, and fibronectin, which serve as a natural scaffold facilitating cellular adhesion. While primarily providing cushioning and structural support to the umbilical cord, Wharton's Jelly also offers a natural source of long-chain hyaluronic acid and numerous cytokines and growth factors. Notably, placental tissues, including Wharton's Jelly, are considered "immune privileged" due to their low likelihood of triggering an immune response, reducing the risk of adverse reactions.

Product	SKU	mg
NANO-DPM	NDPM95	95mg

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All Platinum Biologics products are intended for cosmetic, research and/or homologous use.