



# Everything You Need to Know About Our Placenta and Umbilical Cord Donation Process

**INFORMATION  
FOR PHYSICIANS  
AND HEALTHCARE  
PROVIDERS**



Sharing Miracles™ 

## Sharing Miracles is Focused Exclusively on Birth Tissue Procurement

Sharing Miracles is part of the BioTissue family of companies, a leading provider of birth tissue allografts for Ocular and Surgical applications, with over 37 years of experience and research in the field. Our scientists were the first to identify HC-HA/PTX3 as a potential key orchestrator in human birth tissue regenerative healing.<sup>1-5</sup>

**With 790,000+ allograft transplants in the U.S. and 390+ peer-reviewed publications, BioTissue is a pioneer and leader in the clinical application of birth tissue.**

As Certified Tissue Bank Specialists, Sharing Miracles' leadership teams are dedicated to safety and quality. Our strict adherence to all required guidelines and practices helps BioTissue deliver the highest quality birth tissue allografts.

**Sharing Miracles is in strict compliance with all Current Good Tissue Practices (CGTPs) as mandated by the U.S. Food and Drug Administration (FDA). Additionally, Sharing Miracles takes the extra step of certification by the American Association of Tissue Banks (AATB), adhering to their rigorous regulatory requirements for donated human tissue for transplantation.**



## Sharing Miracles' Commitment to Ensuring Exceptional Quality and Safety is Founded On Stringent Processes and Controls

All healthy mothers having a planned C-section may be eligible to donate her placenta and umbilical cord. Acquiring birth tissue from C-sections exclusively helps to maintain a sterile environment throughout the acquisition process. The decision to donate birth tissue can be made at any time during the pregnancy, up to and including the day of delivery.

- **Once the mother makes the decision to donate, Sharing Miracles will manage the donation process.** All donations are conducted under informed consent. Before the baby is born, the Sharing Miracles team will guide the mother through every step of the process. **This includes completion of a medical history questionnaire; access to prenatal, delivery and infant records; and obtaining a blood sample from pre-admission testing.**
- **The Sharing Miracles team will coordinate the rest of the process with the mother's physician and the hospital.** A dedicated Sharing Miracles Recovery Coordinator will be at the hospital on the day of delivery to manage the handling and transport of the donated birth tissue.





## ● Compliance and Safety Measures

Our highly qualified and experienced Sharing Miracles team maintains stringent criteria to ensure the highest levels of integrity and compliance throughout the donation process.

- The review of patient medical records is strictly confidential. Information and documents are accessed only by trained, authorized personnel working in a secure environment.
- To ensure the safety of the tissue for recipients, patient blood will be tested for infectious diseases. Abnormal results will be reported. Current guidance requires all birth tissue donors to be tested for infectious diseases including HIV, human T-lymphotropic virus (HTLV), hepatitis B and C, and syphilis.
- Once all the required information is obtained from the mother, the Sharing Miracles team will review and send it to BioTissue's Medical Director to determine final suitability of the tissue for transplantation.

**Tissue samples are tested for microbial contamination both at the time of acquisition and after processing. After more than 790,000 procedures, there have been no reports of disease transmission or tissue rejection from products produced by BioTissue.**

While these clinical experiences are valid, it is not possible to predict or warrant specific results, nor is it possible to guarantee patient and/or clinical satisfaction.

## ● The Way We Prepare Human Birth Tissue Makes All the Difference

Tissue selected for transplantation is processed using BioTissue's proprietary CryoTek® technology. This is the only proven method for effectively retaining the structure and biology of the natural tissue, which has been shown to orchestrate regenerative healing.<sup>1-7</sup>

## ● We're There From Start to Finish

Once the BioTissue allograft is ready for transport to its final destination (hospital, physician, patient-recipient) it is prepared for shipping in a temperature-controlled NanoCool® Container – which helps maintain product integrity during transport. Product inserts, technical guides, and storage information are included with all shipments.

## Donations of Placentas and Umbilical Cords are Helping to Shape the Future of Regenerative Medicine.

Birth tissue allografts promote a healing environment and are being used in a wide array of surgical, acute and chronic wound applications, including ocular surface diseases, diabetic foot ulcers, bone and joint reconstruction, urological applications, trauma, tendon and ligament repair, to name a few. Usage of these allografts may lead to faster rehabilitation, faster recovery, and faster return to daily activities.





Sharing  
Miracles™



**SharingMiracles.com**  
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## For more information

on birth tissue donation at Sharing Miracles, please visit [sharingmiracles.com](https://sharingmiracles.com) or email the Director of Tissue Procurement at [info@sharingmiracles.com](mailto:info@sharingmiracles.com).



Sharing Miracles is part of BioTissue Holdings Inc. and is accredited by the American Association of Tissue Banks (AATB) to ensure the highest standards of tissue banking leadership, education, service, and research. All donations are conducted under informed consent in compliance with all U.S. Food and Drug Administration (FDA) Good Tissue Practices (GTPs).

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### References:

1. Tseng SC. *Invest Ophthalmol Vis Sci.* 2016;57(5):ORSFh1- ORSFh8. 2. He H, Li W, Tseng DY, et al. *J Biol Chem.* 2009;284:20136-46. 3. He H, Zhang S, Tighe S, Son J, Tseng SC. *J Biol Chem.* 2013;288:25792-803. 4. Zhang S, He H, Day AJ, et al. *J Biol Chem.* 2012;287:12433-44. 5. Zhang S, Zhu YT, Chen SY, et al. *J Biol Chem.* 2014;289:13531-42. 6. Cooke M, et al. *J Wound Care.* 2014; 23(10): 465-476. 7. Tan EK, Cooke M, et al. *J Biomaterial T Eng.* 2014; 4: 379-388.

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