

Sharing Miracles™ 

Placenta and Umbilical Cord Donation

Information for Physicians



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, tendon and ligament repair, to a name a few. **Usage of these allografts may lead to faster rehabilitation, faster recovery, and faster return to daily activities.**

A single birth tissue donation can help up to 75 people who have chronic, non-healing or surgical wounds.





Sharing Miracles is a tissue procurement organization focused exclusively on birth tissue.

The program was created to simplify the birth tissue donation process for mothers, physicians, and hospitals.

Sharing Miracles is a division of BioTissue Holdings Inc., where scientists were the first to identify HC-HA/PTX3 as a potential key orchestrator in human birth tissue regenerative healing.¹⁻⁵ With over **790,000 allograft transplants** in the U.S., BioTissue is a pioneer and leader in the clinical application of birth tissue.



Donation is safe.

Collection of the placenta and its attached umbilical cord takes place after delivery and does not affect the care given to mother or baby.



Donation is painless.

No additional procedures or blood draws are required.



Donation is simple.

The process requires less than an hour of additional paperwork, and there is no cost to patient, doctor or hospital.





Birth Tissue Donation: Our Process

Any mother having a planned cesarean section may be eligible to donate her placenta and umbilical cord. The decision to donate birth tissue can be made at any time during the pregnancy, up to and including the day of delivery.

Once your patient makes the decision to donate, Sharing Miracles will manage the donation process. Before the baby is born, the Sharing Miracles team will guide the mother through the following:

- Giving informed consent
 - Completion of a medical history questionnaire, similar to the questions asked when donating blood (20-25 minutes)
 - Providing access to your patient's prenatal, delivery and infant records
 - Allowing Sharing Miracles to test a sample of blood for infectious diseases, collected during routine pre-admission testing (no need for an additional blood draw)
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The Sharing Miracles team will coordinate the rest of the process with you and the hospital, accommodating current office and delivery room practices and staff needs. A Sharing Miracles representative 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

Sharing Miracles maintains stringent criteria to ensure the highest levels of integrity and compliance throughout the donation process.

- **Prior to the collection of the birth tissue**, relevant medical information about the mother and infant will be reviewed for possible contraindications to donation.
- **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 to you and your patient. *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**, one of Sharing Miracles' Medical Coordinators will review to determine final suitability of the tissue for transplantation.





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



SharingMiracles.com

1-(800) 439-0522

For more information

on birth tissue donation at Sharing Miracles, please visit sharingmiracles.com or email the Director of Tissue Procurement at info@sharingmiracles.com.

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.

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