# STEMii™

*Regenerative health solution*

*A safe and effective approach to regenerative medicine*

Stem ii™ is a minimally-manipulated flowable allograft processed from post-Cesarean umbilical cord, amniotic materials, and placental birth tissue. The amniotic connective tissue matrix includes elements such as: growth factors, collagen scaffold, lipids, proteins, carbohydrates, and other nutrients. These elements can help protect, cushion, lubricate, reduce inflammation and assist the body in the healing and regeneration process. Through our ground breaking proprietary processing system we are able to protect and preserve high levels of donor stem cells and viability per unit even after cryopreservation.

## SUPPLEMENT HEALING

Stem ii™ has supplemented the body's natural healing process in conditions such as orthopedic, wound, and other tissue areas. As determined by a physician, amniotic tissue allografts have been used to augment treatment of tendon, ligament, fasciae, and capsule repair; synovial injuries, tendonosis, fasciosis, chronic and non-healing wounds, chronic neuritis and pain, and other physical needs.

- ORTHOPEDICS
- SPORTS MEDICINE
- WOUND CARE
- BURN SPECIALISTS
- PAIN MANAGEMENT
- NEURO SURGERY
- GENERAL SURGERY


## BENEFITS

As a regenerative medical therapeutic, Stem ii™ interplays with the human body's own immune system. Physician and patient-reported outcomes regarding Stem ii™ include accelerated injury healing, significant pain relief, and rebuilding of injured tissue, bone, even nerves. The unique biologic structure of amniotic tissue in Stem ii™ make it an ideal choice for homologous clinical use.

| Product | Unit |
|---|---|
| Stem ii™ | 2cc |
| Stem ii™ | 1cc |

## SAFETY AND RESULTS

"Stem ii™ has proven to be an entirely safe and effective therapeutic Standard Of Care for hundreds of medical practitioners throughout the United States," according to Dr. Eliott Spencer, Ph.D., founder and Chief Science Officer for Utah Cord Bank. "Our unwavering compliance with FDA rules on laboratory procedures and cryopreservation has enabled us to sustain a 100% safety record, a distinguished achievement in the U.S. biologics industry."

## DONOR ELIGIBILITY

Healthy, pre-screened Utah mothers provide the placental birth tissue at the time of Cesarean Sections. Donors are pre-screened via comprehensive medical and prenatal evaluations to determine eligibility, in accordance with FDA and CGTP guidelines.

DBS
DIVERSIFIED BIOLOGICAL SIGNALING SOLUTIONS, INC.

***Diversified Biological Signaling Solutions, Inc.***
***is an authorized distributor of Utah Cord Bank products.***

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Utah Cord Bank
*Now that's thinking ahead*

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Utah Cord Bank (UCB) is a company with over 14 years of experience processing perinatal birth tissue products into therapeutic agents. Dr. Eliott Spencer, Ph.D., founder, owner and Chief Scientific Officer for Utah Cord Bank has decades of experience working with human tissues and cells. The founding philosophy was to bring innovation and value to stem cell-based medicine. Since 2004, the company has been an industry leader and innovator achieving a long list of industry firsts. UCB has an impeccable safety record, with zero 483 FDA Corrective Action notices nor any serious adverse event reports and complies with FDA 21 CFR part 1271 section 361 regulations.

The company prides itself on its state-of-the-art technology and its ability to provide products of the highest standards in the industry. Each product can be traced by its Tissue ID Number to the original donor if ever such need arises in the future. UCB continues to push delivery of stem cell medicine forward on every front.

Donors and donor tissues are rigorously screened for blood borne pathogens, heritable and non-heritable diseases or anomalies as well as environmental contaminants from medications to alcohol/drugs/tobacco & electronic vapor devices. Only healthy mothers who meet or exceed these thorough criteria are considered when collecting the birth waste tissue for use in all of UCB products. Finished products are tested a final time for contaminants as well as concentration and viability before being cleared for shipment.

UCB is a distinguished leader in the stem cell industry. Developing regenerative solutions that adhere to the highest quality standards, unique proprietary processes that maximize efficacy, and innovative use of cryopreservation resulting in a verified 85% cell viability post-thaw. The culmination of these strengths equals a concentration of therapeutic elements, providing an advantage to competitor products.

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