



CRYOPRESERVATION

For cryopreservation of critical cell products, **TCA Cellular Therapy, LLC** has built a new facility equipped with Controlled Rate Freezing and Liquid Nitrogen (LN2) Storage systems.

The CBS 2100 Controlled Rate Freezing System, a fully computerized instrument, eliminates all variables associated with ultra low freezing to ensure maximum cell viability.

Cells under storage, both for short-term and long-term periods are preserved in CBS Isothermal freezers which provides ultra low storage temperatures (-190 degree C range) without contact of liquid nitrogen in the sample storage space.

This unique system eliminates the need to submerge samples in liquid nitrogen, thus eliminating the possibility of sample cross contamination.

Our sophisticated procedures for stem cells processing, expansion and cryopreservation assure that the resulting cell product, once infused to the patient, will express its full biological and regenerative potential.

