

NOVA CELLS – STEM CELLS USED

Nova Cells Institute

We Make A Difference Because We Care

The Nova Cells program only works with adult (nonembryonic) stem cells derived from the human umbilical cord including blood and Wharton's Jelly, the placenta, as well as those harvested from a patient's own tissues such as bone marrow (But **not** fat tissue.)

The umbilical cord blood, [Wharton's jelly](#) and placenta-derived stem cells are extracted from donors with Type O blood. The stem cells used include but are not limited to CD34+/AC133, neurogenic progenitors, and [mesenchymals](#) (MSC.)

All medical procedures, testing and stem cell processing is done in Mexico.

DONOR CELLS ARE HEAVILY SCREENED FOR DISEASE, CONTAMINATION, ETC.

All human umbilical cord and placenta-derived stem cells and cord blood serum used by Nova Cells contracted/affiliated/consulting Mexican physicians are processed in state-of-the-art hematology laboratories (in Mexico) that conform to the highest Quality Control/Quality Assurance standards and employs state-of-the-art technology & lab methods. The blood and various tissues are acquired from healthy mothers who give birth to full term, normal, healthy babies (in Mexico). Harvested blood and tissues are then screened for all major communicable diseases using highly sophisticated lab methods, after which stem cells are separated out. These cells are then typically (but not always) expanded, i.e., induced to reproduce, in a growth medium that is free from any animal products, i.e., no mouse feeder cells, fetal calf serum or other animal serums, etc. The cells used are almost always "fresh;" that is, no freezing and storage is involved. The umbilical cord derived stem cells come from Type O cord blood and are gender-matched, i.e., cells from males are infused into male patients and cells from females are used to treat female patients.



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