

ProCell Serum explanation

You might want to print off a copy of the following and keep it on hand for anyone who asks.

[Here is a scientifically accurate explanation of the Stem Cell-based Microchannel Delivery Serum and the Post Care Products:](#)

First, be aware that skin care products with the word "Stem Cell" in their name or description do not actually contain stem cells. Stem cells cannot survive outside the body. What they do have are proteins that stem cells make. These proteins are called cytokines. (The term "Stem Cells" is just a simpler way to market what you are about to read)...

Cytokines are a family of proteins produced by our immune system that heal our injuries and fight disease. (The family of cytokines includes growth factors and peptides).

[And here is how Procell gets ours:](#)

There was an initial draw of bone marrow from genetically & health screened female athletes at the university where Drs Sanderson & Taylor were on staff in California.

The Human Mesenchymal Stem Cells (Adult Stem Cells) were isolated via centrifuge, and the bone marrow was discarded.

The Stem Cells were then set up in a culture, **meaning they can now be maintained in the lab.**

The culture produces the full spectrum of human cytokines.

The cytokines are separated from tissue into a conditioned media via gravity filtration, sorting them by molecular weight and in the process purifying them of any other material, (including DNA, blood, cells, or any other possible cooties).

The ProCell products contain a broad spectrum of cytokines that support rejuvenation throughout the wound healing cascade induced by microchanneling: from fibroblast stimulation to collagen production, to cell division, proliferation, and, importantly, matrix & tissue inhibition cytokines that "turn off" the wound healing cascade at the right time. So they are both effective and safe.

The products are produced in an FDA-compliant manufacturing facility, and have been on the market in one form or another for nearly a decade.