Bone marrow nucleated cells, adipose stromal vascular fraction (SVF), adipose fat grafts, and amniotic fluid stem cells are the most common stem cell procedure types being used. A handful of sites are also offering cultured bone marrow or adipose mesenchymal stem cells.

What cell sources are most commonly used in orthopedics?

- Bone marrow
- Adipose stromal vascular fraction (SVF)
- Adipose fat grafts
- Amniotic fluid stem cells
- Synovial fluid derived stem cells

Two Different Types of Bone Marrow Stem Cell Processes

- Stem Cells
- Mesenchymal Stem Cells

Three Different Types of Fat Stem Cell Processes

- Fat Layer
- Fat Graft
- Fat Cavities

Current FDA Regulatory Status of Above

- Needs FDA Approval
- No FDA Approval
- Under Current Court Challenge

Your Own Stem Cells (Autologous)

- Bone Marrow
- Umbilical Cord Blood

Two Different Types of Bone Marrow Stem Cell Processes

- Bone Marrow Nucleated Cell
- Bone Marrow Mesenchymal Stem Cell Culture

Adsorption Tissue

- Adipose Tissue
- Synovial Fluid

Adipose Fatty Tissue

- Adipose Tissue
- Synovial Fluid

Three Different Types of Fat Stem Cell Processes

- Fat Layer
- Fat Graft
- Fat Cavities

How do various stem cell sources compare on published animal models of cartilage repair?

- 1,088 Patients
- 947 Patients
- 52 Patients
- 11 Patients
- 370 Patients

In the published research or published FDA trials, how many patients have been treated for arthritis or bone diseases?

- 549 Patients
- 624 Patients