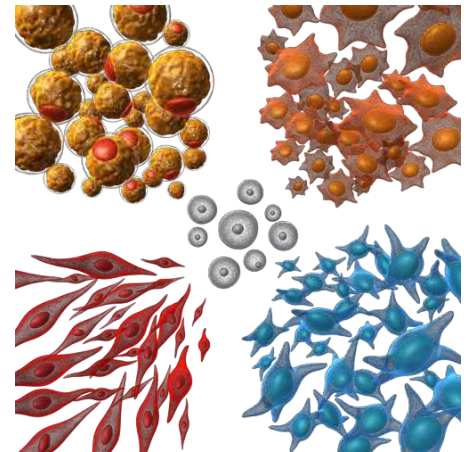


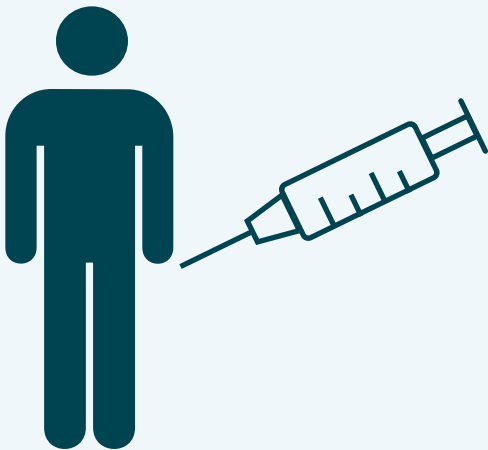
## Cell-Based Therapy (Mesenchymal Stem Cells)

Regenerative medicine is a non-surgical treatment that uses stem cells and natural proteins to repair injuries, reduce inflammation and pain and help the body heal itself!



### What is a stem cell?

A stem cell is a cell with the unique ability to develop into specialized cell types in the body. They may be used to help your body heal tissues that have been damaged due to injury or degeneration.



### How are stem cells harvested?

These cells can be harvested from adipose tissue (body fat) or bone marrow with a relatively minor procedure. This is done under local anesthetic to minimize the pain of harvesting. Discomfort from the harvest is usually relatively mild.

### What are the benefits of mesenchymal stem cells?

Mesenchymal stem cell injections help the body heal itself. The cells can turn into cell types appropriate for the body part which can then help aid in the healing process. These injections are significantly less invasive than surgery and can shorten recovery time and diminish the risks compared to traditional treatments.

