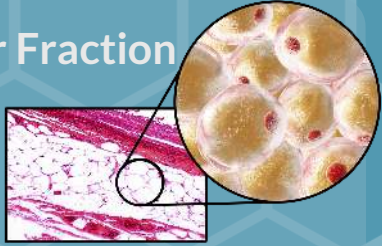


Your Guide To SVF & PRP

Stromal Vascular Fraction

• Stromal Vascular Fraction (SVF) is a state-of-the-art technology where a patient's own adipose-derived stem cells are used to heal his or her body.



- Fat is processed to yield up to 500 times the number of adult mesenchymal stem cells (per cc of fat) than can be yielded from bone marrow or blood.
- The procedure entails performing a mini-liposuction (around 50 mL of fat tissue) typically from the abdomen, under local anesthesia.
- Stem cells are extracted from the tissue, which are then incubated and deployed within ninety minutes or less. These stem cells are activated and administered back into the patient where they secrete growth factors, thus leading to their regenerative potential.

Platelet Rich Plasma

• Platelet Rich Plasma (PRP) plays a key role in the process of wound and soft tissue healing.

- PRP raises the local concentration of platelets in the blood to above the baseline, and when activated, creates an environment which promotes healing of injured tendons, ligaments, muscles, and joints, and can be applied to various musculoskeletal problems.
- PRP injections are prepared from the patient's own blood. Once activated, the platelets are injected into the abnormal tissue where they release growth factors.
- After the PRP is injected, the growth factors then promote the healing of injured tendons, ligaments, muscles, and joints, and can be applied to various musculoskeletal problems.

