Based on Stem Cell Technology, SI FORCE™ is the most concentrated cryopreserved amniotic fluid allograft on the market today.

SI POWER™ is an allograft sponge which acts as the delivery system for SI FORCE™. SI Force™ works by helping to promote the optimum environment for the accelerated regeneration of bone and soft tissues.

SI POWER™, AN ALLOGRAFT SPONGE IS PROCESSED IN AATB ACCREDITED AND FDA INSPECTED TISSUE BANKS AND RECEIVES TERMINAL STERILIZATION BY GAMMA IRRADIATION.

SI LIVE Stem Cell Training Now Available at the Simply Implants Institute.
Toll-Free Nationwide 888-660-2720

BASED ON STEM CELL TECHNOLOGY
NEW CONCENTRATED CRYOPRESERVED AMNIOTIC FLUID ALLOGRAFT DELIVERY SYSTEM!
What is SI FORCE™?

Based on Stem Cell Technology, SI FORCE™ is the most cryopreserved amniotic fluid allograft, minimally manipulated, biological injectable intended for homologous use. The following cell surface proteins, which are indicative of amniotic membrane, have been detected in SI Force™: CD44, cKit, CD90, & CD105. Analysis of cryopreserved SI Force™ typically indicates >75% cell viability. Beneficial proteins detected in amniotic fluid include:

- Alpha-2-macroglobulin
- TIMPs 1 & 2
- Angiogenin
- Collagen types I-V
- IL-1Ra
- Adiponectin
- BMP-4
- Fibronectin
- And Many More

SI FORCE™ ADVANTAGE

1. Amniotic fluid contains naturally-occurring human hyaluronic acid unlike traditional viscous supplements such as those derived from animal sources or bacterial fermentation.

2. Cryopreservation of amniotic fluid tissue components in SI FORCE™ protects them from degradation and promotes optimal bioactivity.

3. Processing of SI FORCE™ involves removal of contaminants and potentially inflammatory components normally present in amniotic fluid.

4. SI FORCE™ restores pH levels similar to that of healthy synovial fluid, allowing for recovery and even the slowing of degenerative processes that drive tissue destruction and osteoarthritic pain.

Procedures for SI Force™:

- Used with SI POWER™, an Allograft Sponge on any extraction site.
- Used with SI POWER™, an Allograft Sponge on any extraction and immediate placement implant case.
- Used in any sinus lift surgery.
- Used where bone grafting is necessary.
- Used where patient health history is compromised or when you suspect slower healing.
- Used in medicine for OA patients as well as TMD patients with TMJ issues.

What is SI POWER™?

A new form of allogeneic bone product. SI POWER™, an Allograft Sponge is demineralized trabecular bone that is softer and more malleable than existing demineralized bone products. Due to its elastic nature, the hydrated Allograft Sponge, conforms to irregular voids and expands by 20 to 30%. This eases and speeds the application of grafting material to sites prepared for future dental implant placements. SI POWER™, an Allograft Sponge is osteoinductive and osteoconductive. In studies after graft placement and healing time completed, in ALL CASES, the bone was dense, had good quality and could be drilled without incident.

Procedures for SI POWER™:

- Extraction site grafting prior to implant placement.
- Maxillary sinus lifting prior to implant placement.
- Used in an Immediate Implant Placement.

SI POWER™, an Allograft Sponge: 8 by 8 by 8 used for premolars and anteriors, or 10 by 10 by 10 used for molars, large roots and in quad surgeries. SI POWER™, an allograft sponge can be billed out to insurance like a normal graft.

BECOME A REGISTERED OFFICE NOW FOR YOUR AREA!

SI POWER™ ADVANTAGE:

1. Promotes the formation of new bone by enhancing this dynamic process.

2. Osteoconductive – is the process by which capillary ingrowth into the DBM allograft occurs from the associated recipient tissue. Osteoprogenitor and other cells can attach on the interconnecting porous scaffold, migrate and form new blood vessels. The highly porous nature of SI POWER™, an Allograft Sponge facilitates this process by providing an interconnected extracellular scaffold that promotes cellular ingrowth.

3. Novel form of demineralized cancellous bone matrix (DBM) that is made from 100% cadaveric bone.

4. DBM absorbs its weight in fluid and expands up to 30% in volume when hydrated.

5. SI POWER™ Promotes the formation of new bone by enhancing this dynamic process and easily transfers to the extraction site in surgery.

6. Compressible nature and is easily packed to fill irregular extraction sites or labial defects.

7. SI POWER™, an Allograft Sponge can be used with or without the SI Force™, depending on case. The matrix and porous nature was designed specifically to be used perfectly with SI Force™.

8. Osteoinduction – In addition to an environment facilitating cellular growth, the matrix requires the presence of cell signaling molecules to stimulate new bone growth. This process is called osteoinduction.

Advanced Bone Crafting Procedure:

- SI POWER™, an Allograft Sponge can be used alone in a surgery combined with a collagen membrane.
- SI POWER™, an Allograft Sponge and SI Force™ is used together in a surgery with a collagen membrane for superior healing time and bone formation.