Medtronic Sofamor Danek established itself as a leader in the machined allograft tissue market with the introduction of the CORNERSTONE-SR® Cortical Block in late 1997. Since then, the name “CORNERSTONE” has become synonymous in the industry as the “gold standard” of allograft tissue. The expansion and diversification of the CORNERSTONE™ portfolio offered by Medtronic Sofamor Danek will continue to drive and establish higher standards for the machined allograft tissue market.

**CORNERSTONE-SR®**
- Cortical Block (Femur or Tibia)
- Fully Machined - Capital D Shape
- Freeze Dried
- Available in: 5–9mm heights x 11mm width x 11mm depth
  5–9mm heights x 14mm width x 11mm depth
  5–9mm heights x 14mm width x 14mm depth

**CORNERSTONE™ ASR**
- Cortical/Cancellous
  - Cortical lateral walls, with a cancellous center, combined together by medial/lateral parallel cortical bone pins
  - Cortical portion provides structural support
  - Cancellous portion provides scaffold for bone in-growth
- Fully Machined - Capital D Shape
- Freeze Dried
- Available in: 7–13mm heights x 14mm width x 11mm depth

**CORNERSTONE-RESERVE™**
- Cortical Ring with Cancellous Plug
  - Cortical portion provides structural support
  - Cancellous portion provides scaffold for bone in-growth
- Fully Machined
- Freeze Dried
- Available in: 6–13mm heights
**CORNERSTONE™ Tricortical**
- Cortical/Cancellous (Iliac Crest)
  - Cortical wall provides structural support
  - Cancellous portion provides scaffold for bone in-growth
- Freeze Dried
- Available in: 5–10mm heights

**CORNERSTONE™ Bicortical**
- Cortical/Cancellous (Iliac Crest)
  - Adjacent cortical walls provide structural support
  - Cancellous portion provides scaffold for bone in-growth
- Freeze Dried
- Available in: 6–10mm heights

**CORNERSTONE™ Unicortical**
- Anterior Cortical Wall with Cancellous Center
  - Cortical wall provides structural support
  - Cancellous portion provides scaffold for bone in-growth
- Freeze Dried
- Available in: 6–10mm heights

**CORNERSTONE™ Dense Cancellous Block**
- Dense Cancellous
  - Cancellous portion provides scaffold for bone in-growth
- Capital D Shape
- Freeze Dried
- Available in: 7–10mm heights x 14mm width x 11mm depth
**CORNERSTONE™ Select/Cortical Wedge**

- Cortical Ring
- Machined to Height
- Center Hole (IM canal)
- Freeze Dried
- Available in: 5–14mm heights
  - 35mm, 50mm, 70mm strut heights

**CORNERSTONE™ Cutters**

- Achieves parallel endplate preparation for controlled graft placement
- Decorticates endplates with minimal bone removal
- Design helps prevent posterior graft migration

---

**Dimensional/Color-Coding Cross Reference Guide**

*Color-coding is consistent on all tissue packaging and with all standard instrumentation.*

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>h X 11 X 11 (Width by Depth)</td>
<td>PURPLE</td>
</tr>
<tr>
<td>h X 14 X 11 (Width by Depth)</td>
<td>GREEN</td>
</tr>
<tr>
<td>h X 14 X 14 (Width by Depth)</td>
<td>BLUE</td>
</tr>
</tbody>
</table>
Versatility of CORNERSTONE Instruments: Universal to all Parallel CORNERSTONE tissue offerings

**TRIAL**
- Provides accurate sizing template
- Provides tight interference fit for improved graft placement

**INSERTER**
- Machined grooves provide precise interface with graft surface
- Allows for multiple graft orientation and loading options

**TAMPS**
- Stable impaction achieved through surface contouring
- New curved impactor equally distributes impaction force over D-shaped allografts
Allograft Information

Distributed by:
SpinalGraft™ Technologies, LLC

Safety
Every precaution is taken throughout the entire procedure of allograft recovery and processing to ensure you receive safe, high quality allografts. Extensive screening and laboratory testing is performed on all tissues at the time of recovery and on every individual allograft before it is released for surgery. Tissue is delivered sterile to the OR.

Quality Assurance
The tissue must meet strict criteria as well as pass evaluation by a medical director. In addition, the donor’s family is interviewed and the appropriate medical records are evaluated. Screenings for the following are standard:

- Infection
- Cancer, malignancies
- Auto-immune and neurologic disorders
- Drug abuse
- Other high risk behaviors

Donor Testing
The following chart details how thoroughly our blood samples are tested compared to normal industry standards. All tests are conducted in a CLIA certified laboratory.

<table>
<thead>
<tr>
<th>Test</th>
<th>American Association of Tissue Banks (AATB)</th>
<th>Regeneration Technologies, Inc. (RTI)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCV Ab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HBS Ag</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIV 1&amp;2 Ab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RPR for syphilis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HTLV-I&amp;II Ab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HBC Ab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIV DNA by PCR</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Medical, social and sexual history screening of all donors is performed, as well as pre-processing blood tests. In addition, allografts are inspected before distribution, serialized and tracked electronically.

*Regeneration Technologies, Inc. is accredited by the American Association of Tissue Banks (AATB).

Processing
Bone processed by Regeneration Technologies, Inc. is unique because it is sterilized through the BioCleanse™ Tissue Sterilization Process.

The BioCleanse Tissue Sterilization Process is validated technology that sterilizes tissue, is scientifically and clinically proven to eliminate donor to recipient disease transmission risk and preserves tissue strength and biocompatibility.

- Sterilizes tissue from single donors
- Thoroughly penetrates tissue
- Essentially eliminates HIV, hepatitis, bacteria, fungi, spores

- Removes blood, lipids and marrow
- Preserves biomechanical integrity

The BioCleanse process is scientifically and clinically proven; more than 300,000 sterilized allografts have been distributed without a single reported case of recipient infection or adverse reaction. After processing through the BioCleanse process, final package sterilization is performed using a validated cycle of plasma phase hydrogen peroxide (STERRAD®) or a validated dose of gamma irradiation. Grafts are delivered sterile, achieving a sterility assurance level (SAL) of 10⁻⁶.