A comprehensive guide to biomaterials offered by DePuy Synthes Spine

Posterolateral
- DBX® Putty
- DBX Strip
- DBX Mix
- DBX Inject
- CONFORM® Sheet
- I/C GRAFT CHAMBER
- chronOS® Strip
- chronOS Granules
- chronOS Preforms
- PROCURE™ Bone Marrow Aspiration Kit
- Bone Marrow Aspiration Kit

Iliosacral
- chronOS Granules
- chronOS Preforms
- PROCURE Bone Marrow Aspiration Kit
- Bone Marrow Aspiration Kit

Interbody*
- CONFORM Cube
- I/C GRAFT CHAMBER

*For use with allograft spacers only.

**Properties of Bone Grafts**

<table>
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<tr>
<th>Terminology</th>
<th>Definition</th>
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<td>Osteogenic</td>
<td>A material containing cells which can be induced to make bone.</td>
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<tr>
<td>Osteoinductive</td>
<td>A material's ability to induce stem cells to differentiate into bone cells.</td>
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<tr>
<td>Osteoconductive</td>
<td>A material's ability to provide the framework (scaffold) for new bone growth.</td>
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CONFORM and DBX are registered trademarks of the Musculoskeletal Transplant Foundation.

DePuy Synthes Spine
DBX Demineralized Bone Matrix

- Composed of demineralized human bone and sodium hyaluronate
- Osteoconductive, osteoinductive potential
- Processed by MTF

**DBX Putty**
- Excellent handling characteristics
- Resists displacement and wash-away from irrigation
- Moldable consistency of demineralized bone

**DBX Mix**
- Provides a morselized corticocancellous bone texture, eliminating the need to combine bone chips with a demineralized bone matrix (DBM)

**DBX Inject**
- Provides DBX Putty directly from the delivery system
- Can be used with bone marrow aspirate (BMA)
- Delivery syringe provides tactile feedback allowing consistent and controlled delivery

**DBX Strip**
- Flexible and ready to use
- Easily cut and contoured to the surgical site

1. It is unknown how the osteoinductive potential measured in the athymic mouse model or the alkaline phosphatase assay will correlate with clinical performance in human subjects.
CONFORM Demineralized Cancellous Bone

CONFORM Cube* and CONFORM Sheet

- 100% demineralized cancellous bone
- Osteoconductive, osteoinductive\(^{1,2,3}\)
- Conformable scaffold
- Readily absorbs BMA which provides osteoprogenitor cells leading to new bone formation
- CONFORM Sheet is provided hydrated and ready to use
- CONFORM Cube can compress up to 50% of original size

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I/C GRAFT CHAMBER Demineralized Bone*

I/C GRAFT CHAMBER

- 100% allograft mix of DBM particles and cancellous chips
- Osteoconductive and osteoinductive\(^{1,2,3}\)
- Packaging in a multi-utility chamber to allow mixing with blood and BMA
- Processed by LifeNet Health®

*For use with allograft spacers only.

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2. Data on file at MTF
chronOS Synthetic Bone Void Filler

- Fully synthetic beta-tricalcium phosphate
- Osteoconductive
- Provides ideal pore size and porosity for bony ingrowth
- 6–18 month resorption time

**chronOS Strip**

- Can be folded, twisted, cut, or sutured intraoperatively for optimal placement
- Sterile packaged in a perfusion pouch, allowing easy perfusion with blood or BMA
- Perforations in chronOS Strip Mx allow easy removal of notched corners allowing easy implantation beneath the interpedicular rod

**chronOS Granules**

- Available in small, medium, and large granules
- Can be mixed with blood or BMA

**chronOS Preforms**

- Available preformed shapes
- Can be mixed with blood or BMA

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Bone Marrow Aspiration Kits

PROCURE Bone Marrow Aspiration Kit and Bone Marrow Aspiration Kit

- Compact, self-contained kits for aspirating autologous bone marrow
- Disposable kits for single-procedure use
Limited Warranty and Disclaimer: DePuy Spine, Inc. products are sold with a limited warranty to the original purchaser against defects in workmanship and materials. Any other express or implied warranties, including warranties of merchantability or fitness, are hereby disclaimed.

WARNING: In the USA, this product has labeling limitations. See package insert for complete information.

CAUTION: USA Law restricts these devices to sale by or on the order of a physician.


Not all products are currently available in all markets.