Over 1 million times per year, Biomet helps one surgeon provide personalized care to one patient.

The science and art of medical care is to provide the right solution for each individual patient. This requires clinical mastery, a human connection between the surgeon and the patient, and the right tools for each situation.

At Biomet, we strive to view our work through the eyes of one surgeon and one patient. We treat every solution we provide as if it’s meant for a family member.

Our approach to innovation creates real solutions that assist each surgeon in the delivery of durable personalized care to each patient, whether that solution requires a minimally invasive surgical technique, advanced biomaterials or a patient-matched implant.

When one surgeon connects with one patient to provide personalized care, the promise of medicine is fulfilled.
**Bonus® CC Matrix Bone Graft System**

**Bone Remodeling**
- Osteoconductive cancellous bone
- Osteoinductivity-verified DBM Powder
- Hydrate with autologous blood products, saline, or antibiotic solution

**Handling Characteristics**
- User controlled graft consistency
- Hydration flexibility
- Unique blend of cortical and cancellous bone matrices

**Convenience**
- All inclusive bone grafting kit
- Available in 5 cc and 10 cc sizes
- Ease of preparation
**Bonus® CC Matrix Bone Graft System**

Bonus® CC Matrix is allograft bone that maintains the unique properties of promoting bone growth via its osteoinductive growth factors and osteoconductive scaffold as an alternative to autograft.

Bonus® CC Matrix utilizes a unique formulation of demineralized cortical bone (DBM) and mineralized cancellous chips that combine the optimal sizes and ratios of each. This provides a unique scaffold for bone growth while avoiding the common delivery and packing challenges associated with larger bone chips.

Bonus® CC Matrix offers all the benefits of allograft while providing the surgeon a consistent and efficient method of hydration, in addition to the unparalleled Biomet Biologics offering of autologous outputs as hydration media.

The cortical bone (DBM) and mineralized cancellous chips come from the same donor. The tissue is processed using Allowash® to inactivate a broad panel of viruses. Potential donors are evaluated through a multi-step process and subjected to testing that meets current AATB and FDA requirements.

*Allowash® is a registered trademark of LifeNet.*
**Bonus® CC Matrix Bone Graft System**

**Processing Technique**

**Vacuum Lock Attachment**

Attach the 30 cc vacuum syringe to the valve fitting on the side of the graft syringe containing Bonus® CC Matrix (Figure 1).

**Vacuum Lock Priming**

Pull on the vacuum syringe plunger until fully out - twist plunger to engage the locking mechanism (Figure 2).
Hydrating Product Attachment

Holding the graft syringe at the valve, twist off the 30 cc vacuum syringe. Attach a dispensing syringe containing the liquid component onto the valve of the graft syringe with Bonus® CC Matrix. Ensure a minimum ratio of 0.6 ml fluid to 1 cc Bonus® CC Matrix prior to attaching syringe to graft syringe (Figure 3).

Vacuum Assisted Loading

The liquid component will be dispensed into the Bonus® CC Matrix automatically. Be sure to use a clip plate on the plungers to ensure the hydrating medium is delivered at the same rate (Figure 4).*

Figure 4a illustrates hydrating the Bonus® CC Matrix using platelet rich plasma without a gel activator (Figure 4a).

*It may be necessary to manually depress the plungers simultaneously to inject additional hydration liquid.
Vacuum Loaded

Detach dispensing syringe. Piston the plunger of the graft syringe with Bonus® CC Matrix for 10 seconds. This assists with hydration (Figure 5).

Graft Log Delivery

Remove the cap from the end of the graft syringe and push-in the plunger to extract the hydrated graft (Figure 6).
### Ordering Information

#### Graft Preparation

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Bone Graft System 5 cc" /></td>
<td>Bonus® CC Matrix Bone Graft System 5 cc</td>
<td>48-1805</td>
</tr>
<tr>
<td><img src="image" alt="Bone Graft System 10 cc" /></td>
<td>Bonus® CC Matrix Bone Graft System 10 cc</td>
<td>48-1810</td>
</tr>
</tbody>
</table>

#### Autologous Product Offering

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Concentration System" /></td>
<td>BioCUE® Mini Concentration System</td>
<td>800-0610A</td>
</tr>
<tr>
<td><img src="image" alt="GPS Kit" /></td>
<td>GPS® III Mini Kit</td>
<td>800-0505A</td>
</tr>
<tr>
<td><img src="image" alt="GPS Separator" /></td>
<td>Clotalyst® Kit with GPS® III Mini Separator</td>
<td>800-0724</td>
</tr>
<tr>
<td><img src="image" alt="Plasmax Kit" /></td>
<td>Plasmax® Mini Kit</td>
<td>800-0516</td>
</tr>
</tbody>
</table>

#### Accessories

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Applicator Kit" /></td>
<td>Dual Ratio Applicator Kit</td>
<td>800-0251</td>
</tr>
<tr>
<td><img src="image" alt="Spray Tip" /></td>
<td>Mixing Connector with Spray Tip</td>
<td>800-0252</td>
</tr>
</tbody>
</table>
Indications:

Bonus® CC can be used to fill bony voids or gaps that have been surgically created, or for filling osseous defects in non-weight bearing applications.

Bonus® CC may be used with orthopedic, spinal, reconstructive, craniofacial, maxillofacial and periodontal bone grafting procedures. It can be used alone or in combination with autologous bone, or other forms of allogeneic bone in grafting procedures of non-weight bearing value. It can be used or hydrated with autologous blood, bone marrow aspirate, or autologous blood derived products such as platelet rich plasma and platelet poor plasma. It may also be hydrated with saline or antibiotic solution.

Contraindications:

Infection at the surgical site and/or distant foci of infections that may spread to the surgical site is a contraindication for Bonus® CC.