Access, biopsy and infuse bone with ultrasharp, ergonomic needles.
When you’re working with bone, every access point counts. That’s why Cook Medical offers a vast array of ultrasharp bone biopsy and infusion products, from coaxial needle configurations that allow access, biopsy and infusions from a single access point, to ratchet-style needles that allow you to have complete control when drilling into tough bone.
Bone Access and Biopsy Needles

Access Set

Osteo-Site® Coaxial Introducer Needle Set ............................................................. 4

Needle Sets

Osteo-Site® Bone Biopsy Needle Set ........................................................................ 5
Osteo-Site® Murphy Side Bevel Bone Biopsy Needle Set ........................................ 6
Osteo-Site® Murphy Diamond Bevel Bone Biopsy Needle Set ................................ 7
Osteo-Site® Murphy Coaxial Bone Biopsy Needle Set ........................................... 8
Osteo-Site® Cervical Bone Biopsy Needle Set ......................................................... 9
Osteo-Rx® Coaxial Curved Bone Biopsy and Infusion Set ...................................... 10
Osteo-Site® Ratchet Bone Biopsy and Infusion Needle Set ................................... 11
Osteo-Site® Coaxial Bone Biopsy Needle Set .......................................................... 12
Ackermann Bone Biopsy Needle Set ...................................................................... 13
Elson Bone Biopsy Needle Set ................................................................................ 14
Geremia Vertebral Biopsy Needle Set ..................................................................... 15

Needle Holder

Osteo-Site® Needle Holder ...................................................................................... 16

Vertebroplasty Products

Injectors

Duro-Ject® Bone Cement Injector Set ..................................................................... 17
Osteo-Force® Bone Cement Injector Set ................................................................ 18

Trays

Osteo-Force® Bone Access and Prep Tray ............................................................... 19
Osteo-Force® Expanded Bone Access and Prep Tray .......................................... 20
Vertebroplasty Ancillary Kit .................................................................................. 21

Cement and Mixer

Vertefix® Radiopaque Bone Cement ....................................................................... 22
Minimix™ Bone Cement Mixer .............................................................................. 23
Osteo-Site® Coaxial Introducer Needle Sets

**Osteo-Site® Coaxial Introducer Needle Sets**

- **G31106** BBCAS-1110  
  20/20 13.5/13.5 .024/26 11/10
- **G31107** BBCAS-1310  
  20/20 15.5/13.5 .024/26 13/10

*Osteo-Site needles sold separately.  
Not all part numbers shown may be approved for sale in all regulatory jurisdictions.  
Consult with your local representative or customer service center for details.

**ACCESS SET**

**PRECISION**

- Small gages are minimally invasive and help with accurate needle placement.
- Compatible with Cook Osteo-Site needles.

Achieve access in tight locations, then complete your procedure with larger gage needles.

**DISCONTINUED DECEMBER 2013**

**4**
CHOICE

• The sharp diamond-tipped stylet facilitates easy placement into the periosteum and bone cortex.

• A 30° side-beveled stylet is provided for minor redirection of needle during introduction.

• Depth-marked outer cannula features a sharpened cutting tip and maintains access for biopsy or infusion when inner stylet is removed.

• The radiolucent handle provides an unobstructed view during introduction into bone, ensuring accurate needle placement.

Gain access for biopsy or injection with side bevel and diamond tip stylets.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Outer Cannula gage</th>
<th>Outer Cannula Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G12373</td>
<td>DBBN-11-10.0</td>
<td>11</td>
<td>10</td>
</tr>
<tr>
<td>G12374</td>
<td>DBBN-11-15.0</td>
<td>11</td>
<td>15</td>
</tr>
<tr>
<td>G12499</td>
<td>DBBN-13-10.0</td>
<td>13</td>
<td>10</td>
</tr>
<tr>
<td>G12500</td>
<td>DBBN-13-15.0</td>
<td>13</td>
<td>15</td>
</tr>
</tbody>
</table>

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MAXIMAL PURCHASE

- Both the sharp inner stylet and the depth-marked outer cannula are side-beveled to match.
- The outer cannula is also back-beveled for improved purchase on the periosteum.
- The side bevel allows the physician to direct the needle to the desired location for obtaining the proper biopsy sample.

Achieve improved purchase and steerability with Cook’s side-beveled cannula and stylet.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Outer Cannula gage</th>
<th>Outer Cannula Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G13761</td>
<td>DBBN-11-10.0-M1M</td>
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</tr>
<tr>
<td>G26949</td>
<td>DBBN-11-15.0-M1M</td>
<td>11</td>
<td>15</td>
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<tr>
<td>G13762</td>
<td>DBBN-13-10.0-M1M</td>
<td>13</td>
<td>10</td>
</tr>
<tr>
<td>G26950</td>
<td>DBBN-13-15.0-M1M</td>
<td>13</td>
<td>15</td>
</tr>
</tbody>
</table>

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PRECISION

- The inner stylet is ground to match the trephine tip of the depth-marked outer cannula.
- The matched stylet/cannula tips maximize access and biopsy capabilities.
- The sharp diamond-beveled tip provides optimum purchase on the vertebral body.

Answer your toughest access challenges with our match-ground diamond tip.

---

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Outer Cannula gage</th>
<th>Outer Cannula Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G13018</td>
<td>DBBN-11-10.0-M2</td>
<td>11</td>
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<td>G13020</td>
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<tr>
<td>G13019</td>
<td>DBBN-13-10.0-M2</td>
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<td>10</td>
</tr>
<tr>
<td>G13021</td>
<td>DBBN-13-15.0-M2</td>
<td>13</td>
<td>15</td>
</tr>
</tbody>
</table>

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VERSATILITY

- Access, biopsy and cement injection—all with a single access point.
- The set includes a high-torque steel inner biopsy needle with trephine tip.
- The inner needle is introduced coaxially through the depth-marked Osteo-Site needle.

Experience the efficiency of both access and biopsy in one multipurpose needle set.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Outer Cannula gage</th>
<th>Outer Cannula Length cm</th>
<th>Inner Biopsy Needle gage</th>
<th>Inner Biopsy Needle Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G36211</td>
<td>DBBN-11-10.0-M2-S</td>
<td>11</td>
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<td>DBBN-11-15.0-M2-S</td>
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<td>G36407</td>
<td>DBBN-13-10.0-M2-S</td>
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<td>17.1</td>
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<td>G36409</td>
<td>DBBN-13-15.0-M2-S</td>
<td>13</td>
<td>15</td>
<td>16</td>
<td>22.1</td>
</tr>
</tbody>
</table>

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SMALL BONE ACCESS

- Both the inner stylet and the depth-marked outer cannula are side-beveled to match.
- The outer cannula is also back-beveled to improve purchase on the periosteum.
- The side bevel allows the physician to direct the needle to the desired location.
- The 15 gage needle allows less traumatic access into small bone.

Establish smaller-gage access for less trauma in small bone areas.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Outer Cannula gage</th>
<th>Outer Cannula Length cm</th>
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</thead>
<tbody>
<tr>
<td>G26951</td>
<td>D8BN-15-10.0-CERV</td>
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<tr>
<td>G55028</td>
<td>D8BN-15-15.0-CERV</td>
<td>15</td>
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<td>G55029</td>
<td>D8BN-15-10.0-M2-CERV</td>
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<tr>
<td>G55030</td>
<td>D8BN-15-15.0-M2-CERV</td>
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<td>15</td>
</tr>
</tbody>
</table>

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CHALLENGING ACCESS

• The curved needle allows directional infusion of bone cement into the vertebral body.

Reach the entire vertebral body via a unipedicular approach with our curved needle option.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Introducer Needle gage</th>
<th>Introducer Needle Length cm</th>
<th>Curved Needle gage</th>
<th>Curved Needle Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G13053</td>
<td>DCBNS-13-19.0-C</td>
<td>10</td>
<td>10</td>
<td>13</td>
<td>19</td>
</tr>
</tbody>
</table>

Not all part numbers shown may be approved for sale in all regulatory jurisdictions. Consult with your local representative or customer service center for details.
HARD BONE ACCESS

- Ratchet-style unidirectional drilling action and unique spade tip design allow hand drilling into hard bone.
- Hand control allows smooth drilling while reducing risk of incidental loss of pressure or direction.
- Quiet drilling operation can maintain patient comfort.
- Outer cannula marked in 1 cm increments to help guide and gage depth.

Maintain insertion pressure while drilling into tough bone.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Outer Cannula gage</th>
<th>Outer Cannula Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G24311</td>
<td>RBBN-11-10.0</td>
<td>11</td>
<td>10</td>
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<tr>
<td>G24312</td>
<td>RBBN-11-15.0</td>
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<td>15</td>
</tr>
<tr>
<td>G24313</td>
<td>RBBN-13-10.0</td>
<td>13</td>
<td>10</td>
</tr>
<tr>
<td>G24314</td>
<td>RBBN-13-15.0</td>
<td>13</td>
<td>15</td>
</tr>
</tbody>
</table>

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CHOICE

- Allows coaxial biopsy during bone access and infusion procedures.
- Outer cannula features trephine tip to ease access.
- Compatible with standard Osteo-Site needle cannulas.

Choose individual devices to fit your specific procedure.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Outer Cannula gage</th>
<th>Outer Cannula Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G24315</td>
<td>DCBBN-14-17.1</td>
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<td>17.1</td>
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<tr>
<td>G24316</td>
<td>DCBBN-14-22.1</td>
<td>14</td>
<td>22.1</td>
</tr>
<tr>
<td>G24317</td>
<td>DCBBN-16-17.1</td>
<td>16</td>
<td>17.1</td>
</tr>
<tr>
<td>G24318</td>
<td>DCBBN-16-22.1</td>
<td>16</td>
<td>22.1</td>
</tr>
</tbody>
</table>

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VERSATILITY

- Provides percutaneous access with coaxial needle system.
- Needle guide marked in 1 cm increments.

Access and biopsy multiple sites with short or long needles.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Needle Guide gage/Length cm</th>
<th>Long Biopsy Needle gage/Length cm</th>
<th>Short Biopsy Needle gage/Length cm</th>
<th>Skin Perforator Tip Configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>G03385</td>
<td>ABC-100</td>
<td>12/6.5</td>
<td>14/10.8</td>
<td>14/9.6</td>
<td>pencil point</td>
</tr>
<tr>
<td>G03386</td>
<td>ABC-200</td>
<td>12/14</td>
<td>14/18.3</td>
<td>14/17.1</td>
<td>pencil point</td>
</tr>
</tbody>
</table>

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SMALL GAGE ACCESS

- The introducer needle incorporates a removable hub to facilitate passage of the tapered coaxial needle guide.

- Multiple passes into the lesion can be made with the 14 gage bone biopsy needle through the outer cannula of the coaxial guide cannula set, reducing trauma to the surrounding tissue.

Collect multiple bone specimens while reducing access site trauma.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Introducer Needle gage/Length cm</th>
<th>Introducer Needle Tip Configuration</th>
<th>Coaxial Guide Cannula gage/Length cm</th>
<th>Short Biopsy Needle gage/Length cm</th>
<th>Long Biopsy Needle gage/Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G07895</td>
<td>ABC-200-ELSON</td>
<td>22/25</td>
<td>diamond</td>
<td>12/14</td>
<td>14/17.1</td>
<td>14/18.3</td>
</tr>
</tbody>
</table>

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OPTIONS FOR SINGLE BIOPSY

• Use of the 22 gage removable-hub needle facilitates localization and anesthesia of the biopsy site.

• Removal of the hub with subsequent insertion of the stiffening stylet provides support for advancement of the 16 gage biopsy needle and coaxial tapered introduction cannula to the biopsy site.

Control access site trauma with our 22 gage system.
**PROXIMITY**

- Radiolucent plastic provides an unobstructed view of needle target and surrounding anatomy.
- Length of holder allows user to fluoroscopically guide needle while reducing radiation exposure.
- Compatible with all Osteo-Site needles.

Reduce exposure to radiation with a secure, nonmetallic needle holder.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G13549</td>
<td>ONH-100</td>
<td>30</td>
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</tbody>
</table>

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CONTROL

- Injector incorporates an ergonomic design, allowing uncomplicated operation.

- Injector is supplied with two 10 mL injector barrels that are graduated for easy monitoring of cement flow.

- Set is supplied with two 29 cm precurved connecting tubes and two cement funnels for easy loading.

- Precision-ground threads improve accuracy and control of cement injection.

- Each full rotation of injector handle delivers 0.2 mL of cement.

Maximize procedural control with our ergonomically designed, self-purging injection system.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Syringe Volume mL</th>
<th>Connecting Tube Length cm</th>
<th>Connecting Tube Volume mL</th>
</tr>
</thead>
<tbody>
<tr>
<td>G32497</td>
<td>DURO-100</td>
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<td>29</td>
<td>1.4</td>
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<tr>
<td>G36272</td>
<td>TCT9.9-29-P-FMRA-DURO</td>
<td>-</td>
<td>29</td>
<td>1.4</td>
</tr>
</tbody>
</table>

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COST-EFFECTIVE

- Injector has an easy-to-control handle for uncomplicated operation.
- Barrel of syringe holds up to 10 mL of cement.
- Syringe incorporates self-purging technology that evacuates air from the system prior to use.
- Supplied with a 15 cm connecting tube.
- Each half-rotation of injector handle delivers 0.2 mL of cement.

Save procedure time and costs with a lightweight, easy-to-use self-purging system.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Syringe Volume mL</th>
<th>Connecting Tube Length cm</th>
<th>Connecting Tube Volume mL</th>
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</thead>
<tbody>
<tr>
<td>G13082</td>
<td>HPIS-100</td>
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<td>.8</td>
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<td>G13344</td>
<td>TCT12.4-15-P-FMRA-HPIS</td>
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<td>.8</td>
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<tr>
<td>G13345</td>
<td>TCT12.4-30-P-FMRA-HPIS</td>
<td>-</td>
<td>30</td>
<td>1.6</td>
</tr>
</tbody>
</table>

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Tray includes:
1 Full-body surgical drape with aperture
1 Pack povidone-iodine swabsticks
2 25 gage spinal needles
1 18 gage blunt needle
2 Disposable plastic cups with lids
1 Osteo-Force Vertebroplasty Injector
1 Povidone-iodine ointment
1 CSR wrap
5 1 mL disposable syringes
1 6 mL disposable syringe
2 12 mL disposable syringes
1 20 mL disposable syringe
1 20 gage spinal needle
1 Disposable scalpel
2 Disposable plastic spatulas
2 15 cm connecting tubes
1 Bandage dressing
1 Disposable plastic funnel
10 Gauze pads

Rely on our procedure trays for all of your bone access and infusion accessories.

Order Number          Reference Part Number

| Osteo-Force® Bone Access and Prep Tray with Injector |
|------------------------|------------------|
| G13222                 | HPISY-100        |

Not all part numbers shown may be approved for sale in all regulatory jurisdictions. Consult with your local representative or customer service center for details.
Tray includes:

1. Full-body surgical drape with aperture
2. Antiseptic surgical prep swab
3. 25 gage spinal needles
4. 22 gage needle
5. 18 gage blunt needle
6. Disposable needle forceps
7. Disposable bone hammer
8. Plastic specimen vials
9. Sharps holder
10. Disposable plastic cups with lids
11. Osteo-Force Vertebroplasty Injector
12. Povidone-iodine ointment
13. CSR wrap
14. 1 mL disposable syringes
15. 6 mL disposable syringe
16. 12 mL disposable syringes
17. 20 mL disposable syringe
18. 60 mL disposable syringe
19. 20 gage spinal needle
20. Disposable scalpel
21. Disposable plastic spatulas
22. Disposable plastic funnel
23. 15 cm connecting tubes
24. Bandage dressing
25. Gauze pads

All of your vertebroplasty equipment is at your fingertips with our expanded tray.
Kit includes:

1. Full-body surgical drape with aperture
2. CSR wrap
3. Chlorhexidine prep-sticks
4. 25 gage needles
5. 22 gage needle
6. 20 gage needle
7. 18 gage blunt needle cannulas
8. Safety scalpel
9. Powder funnel
10. 30 cm venogram connecting tube
11. Disposable bone hammer
12. Disposable needle forceps
13. Sharps holder
14. 6 mL syringe
15. 12 mL syringe
16. 20 mL syringe without stopper
17. Mixing vials
18. Gauze pads
19. Ointment
20. Bandages

Discover everything you need to prep your vertebroplasty patient.

Order Number | Reference Part Number
--- | ---
Vertebroplasty Ancillary Kit | G43200 CVAK-100

Not all part numbers shown may be approved for sale in all regulatory jurisdictions. Consult with your local representative or customer service center for details.
RELIALIBILITY

- Easy-to-use mixing of premeasured powder and liquid components ensures consistent mixture.

- 30% barium opacification allows confident visualization of cement infusions, improving patient safety.

- Approximate working time of 10 to 12 minutes provides an ample injection window, giving the clinician time to assess the procedural progress.

- Yields 16 mL of cement.

Quickly prepare 16 mL of bone cement with our premeasured one-to-one ratio components.
SIMPLICITY

- Mixing paddle design combines powder and liquid components faster and more thoroughly.
- Closed system mixer reduces exposure to cement fumes.
- Small, compact design allows closed mixing while reducing storage space and waste concerns.

Simplify your cement mixing procedure and reduce fumes with this compact closed system.