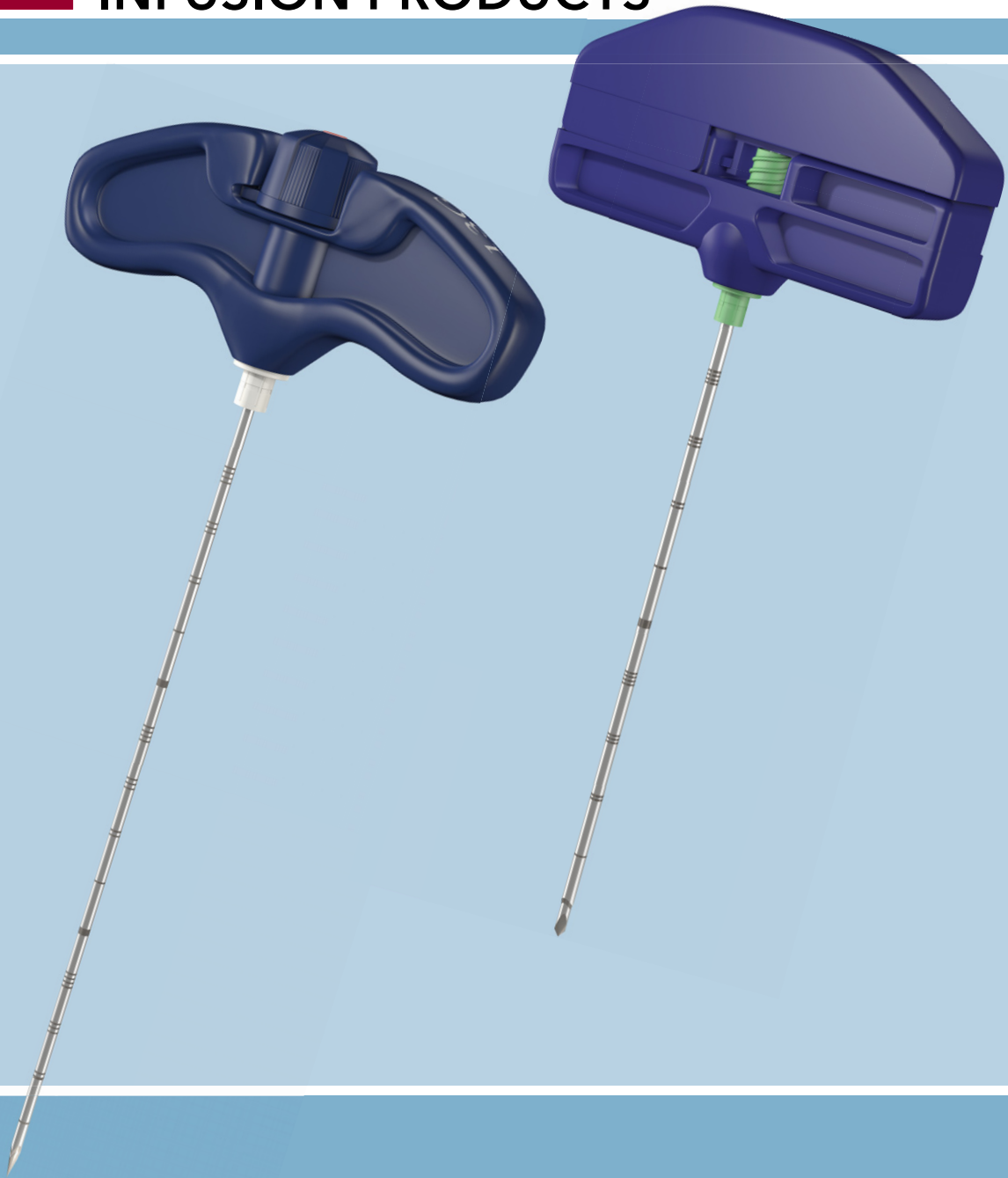




BONE BIOPSY & INFUSION PRODUCTS



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 SET

ACCESS SET

PRECISION

- Small gauges 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 large gauge needles.



Order Number	Reference Part Number	Introducer Needle gage/Length cm	Tapered Cannula gage/Length cm	Stiffening Rod Diameter/Length inch/cm	*Compatible with Osteo-Site Needle gage/Length cm
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

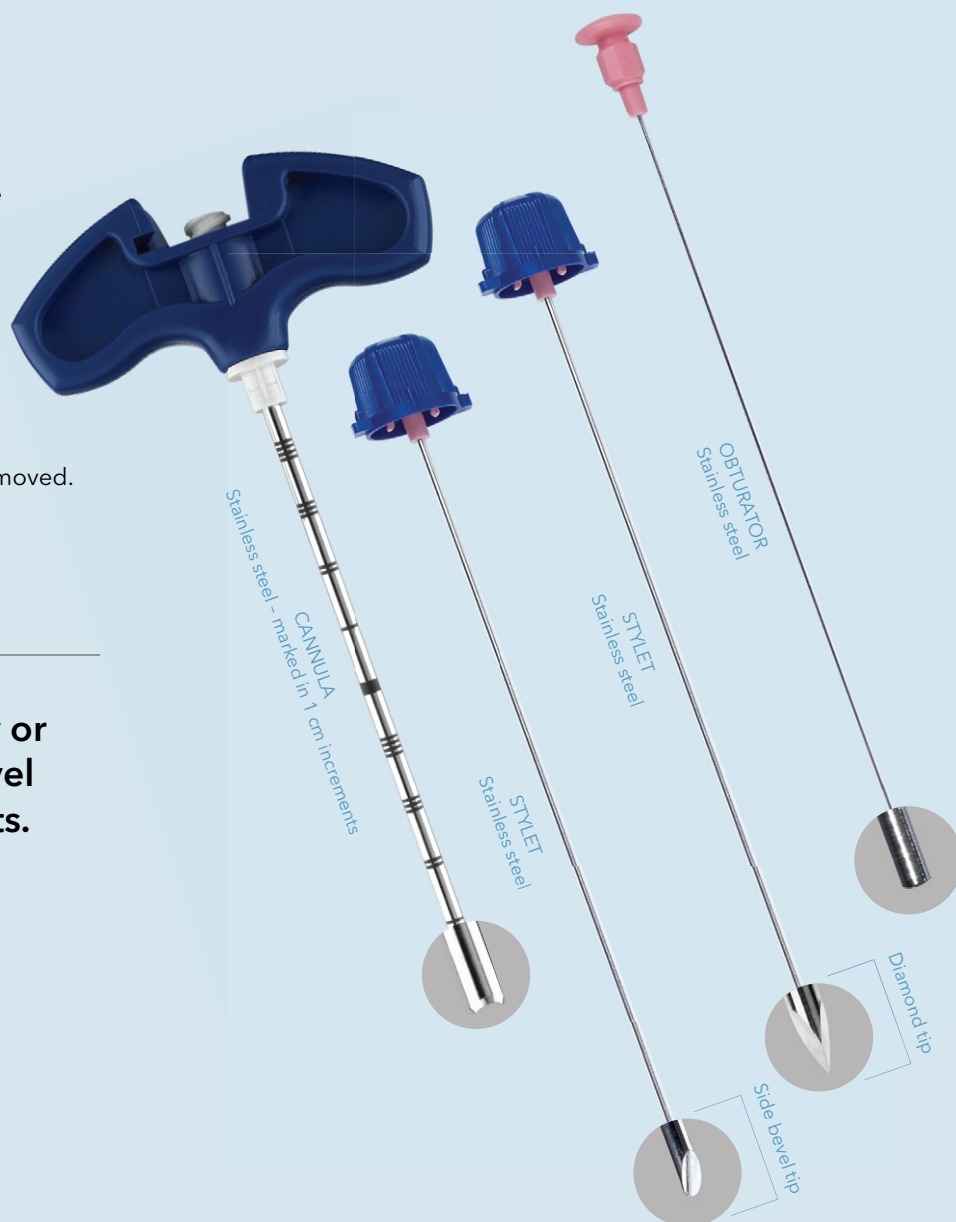
*Osteo-Site needles sold separately.

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.

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.



Order Number	Reference Part Number	Outer Cannula gage	Outer Cannula Length cm
Osteo-Site® Bone Biopsy Needle Sets			
G12373	DBBN-11-10.0	11	10
G12374	DBBN-11-15.0	11	15
G12499	DBBN-13-10.0	13	10
G12500	DBBN-13-15.0	13	15

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.



Osteo-Site[®] Murphy

SIDE BEVEL BONE BIOPSY NEEDLE SET

NEEDLE SETS

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.



Order Number	Reference Part Number	Outer Cannula gage	Outer Cannula Length cm
Osteo-Site[®] Murphy Side Bevel Bone Biopsy Needle Sets			
G13761	DBBN-11-10.0-M1M	11	10
G26949	DBBN-11-15.0-M1M	11	15
G13762	DBBN-13-10.0-M1M	13	10
G26950	DBBN-13-15.0-M1M	13	15



Osteo-Site[®] Murphy

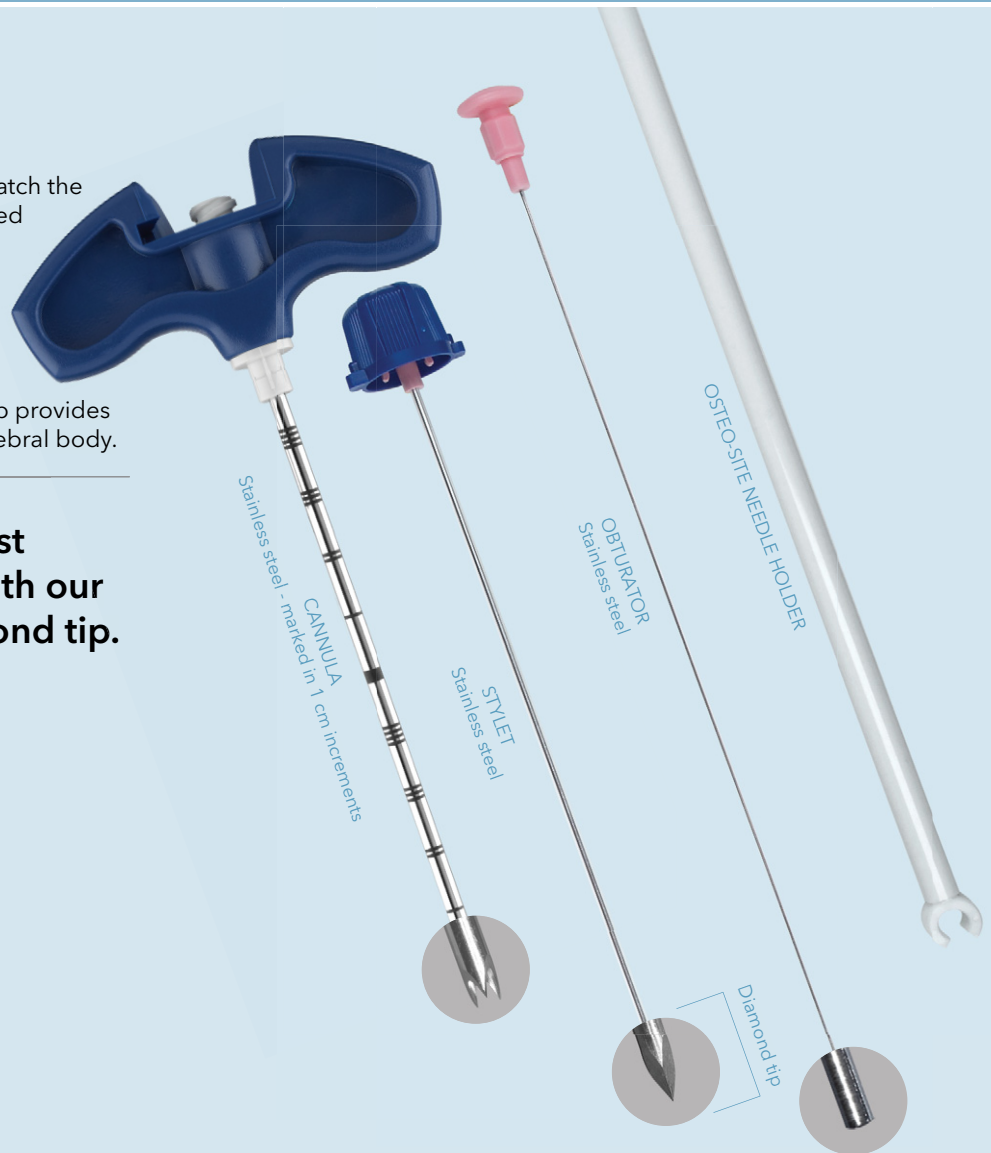
DIAMOND BEVEL BONE BIOPSY NEEDLE SET

NEEDLE SETS

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.



Order Number	Reference Part Number	Outer Cannula gage	Outer Cannula Length cm
Osteo-Site[®] Murphy Diamond Bevel Bone Biopsy Needle Sets			
G13018	DBBN-11-10.0-M2	11	10
G13020	DBBN-11-15.0-M2	11	15
G13019	DBBN-13-10.0-M2	13	10
G13021	DBBN-13-15.0-M2	13	15

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.



Osteo-Site® Murphy

COAXIAL BONE BIOPSY NEEDLE SET

NEEDLE SETS

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.



Order Number	Reference Part Number	Outer Cannula gage	Outer Cannula Length cm	Inner Biopsy Needle gage	Inner Biopsy Needle Length cm
Osteo-Site® Murphy Coaxial Bone Biopsy Needle Sets					
G36211	DBBN-11-10.0-M2-S	11	10	14	17.1
G36406	DBBN-11-15.0-M2-S	11	15	14	22.1
G36407	DBBN-13-10.0-M2-S	13	10	16	17.1
G36409	DBBN-13-15.0-M2-S	13	15	16	22.1



Osteo-Site® Cervical

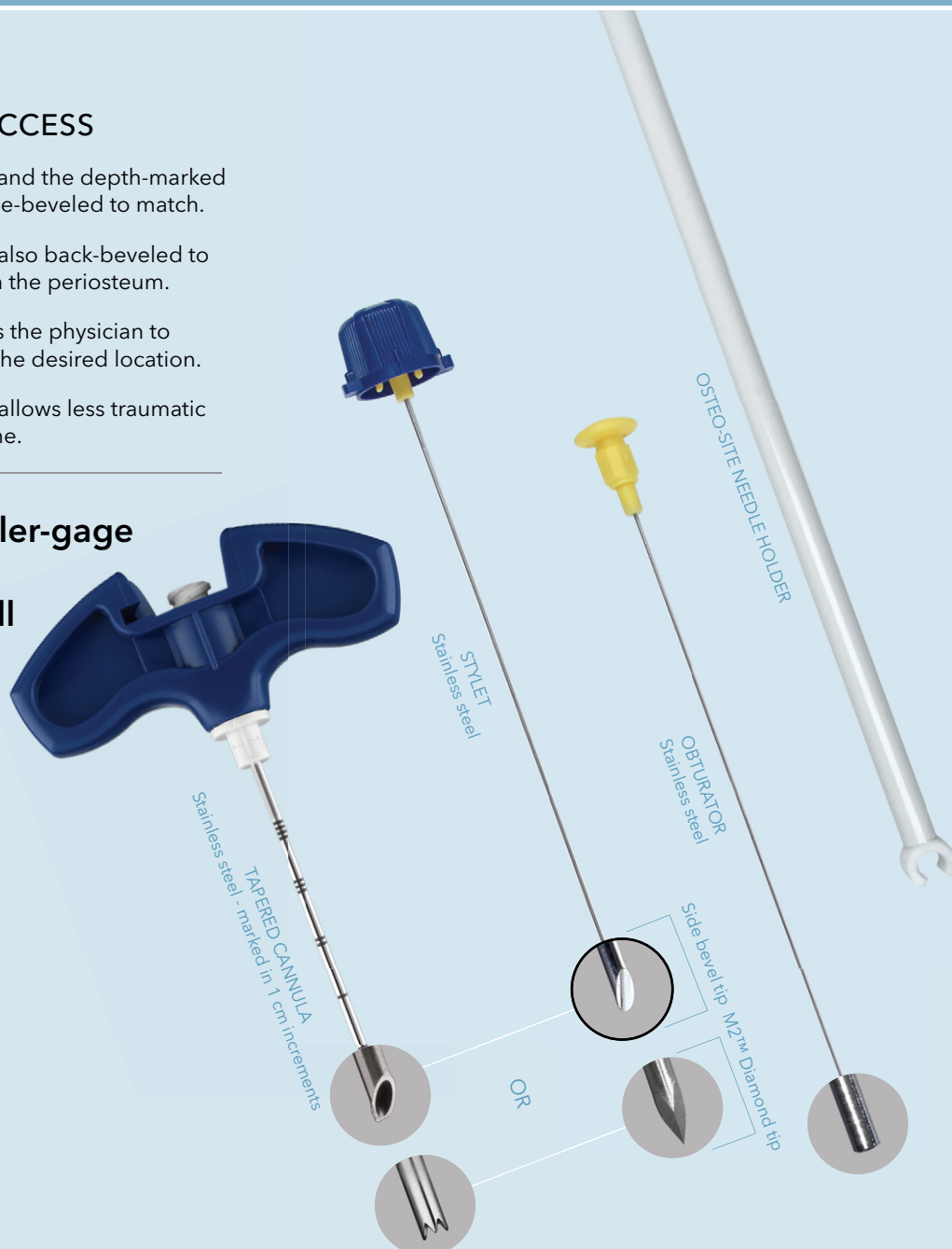
BONE BIOPSY NEEDLE SET

NEEDLE SETS

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.



Order Number	Reference Part Number	Outer Cannula gage	Outer Cannula Length cm
Osteo-Site® Cervical Bone Biopsy Needle Sets with Side Bevel Tip			
G26951	DBBN-15-10.0-CERV	15	10
G55028	DBBN-15-15.0-CERV	15	15
Osteo-Site® Cervical Bone Biopsy Needle Sets with M2™ Diamond Tip			
G55029	DBBN-15-10.0-M2-CERV	15	10
G55030	DBBN-15-15.0-M2-CERV	15	15

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.

NEEDLE SETS

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.



Order Number	Reference Part Number	Introducer Needle gage	Introducer Needle Length cm	Curved Needle gage	Curved Needle Length cm
Osteo-Rx® Coaxial Curved Bone Biopsy and Infusion Set					
G13053	DCBNS-13-19.0-C	10	10	13	19

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.



Osteo-Site® Ratchet

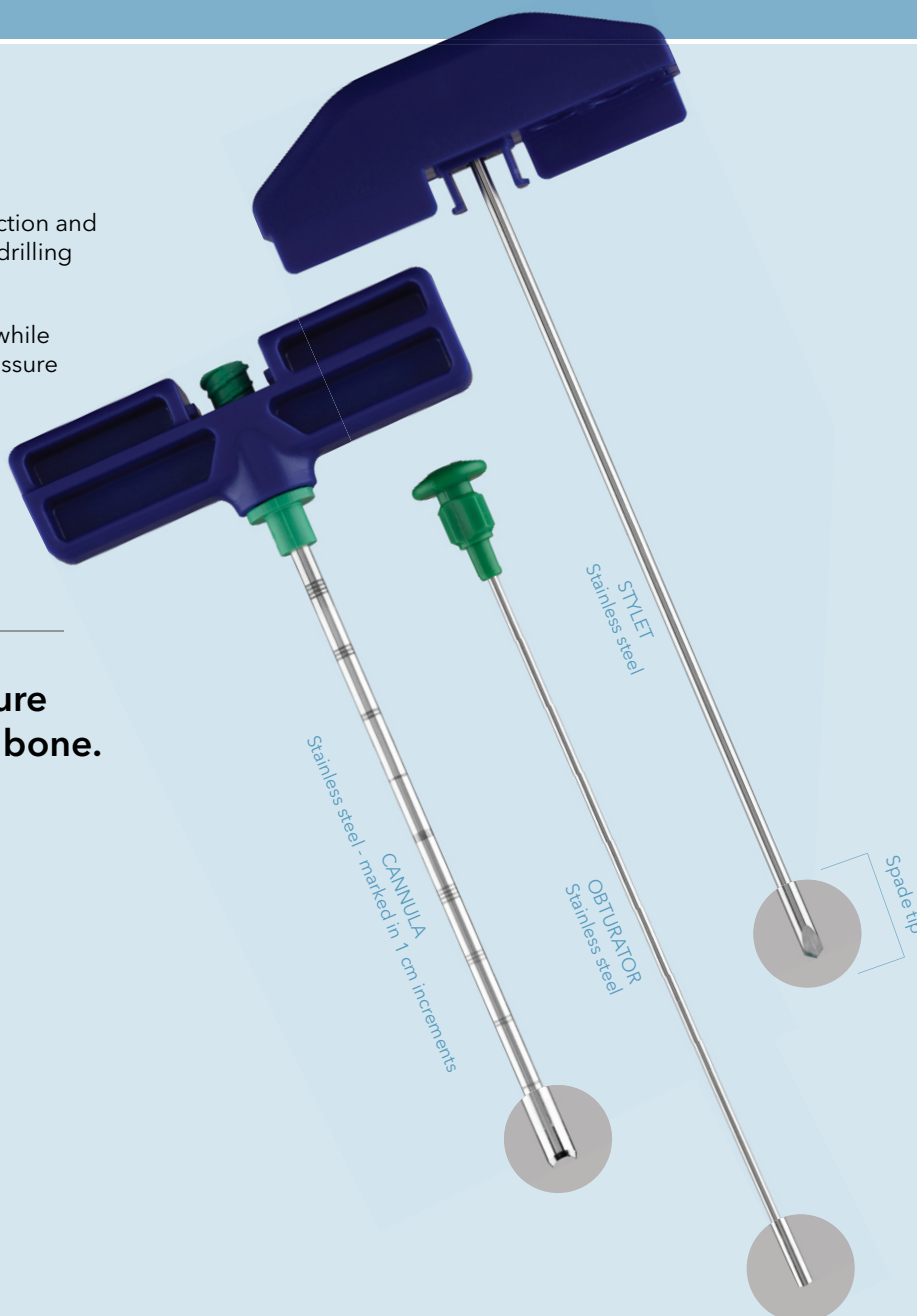
BONE BIOPSY & INFUSION NEEDLE SET

NEEDLE SETS

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.



Order Number	Reference Part Number	Outer Cannula gage	Outer Cannula Length cm
Osteo-Site® Ratchet Bone Biopsy Needle Sets			
G24311	RBBN-11-10.0	11	10
G24312	RBBN-11-15.0	11	15
G24313	RBBN-13-10.0	13	10
G24314	RBBN-13-15.0	13	15

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.



Osteo-Site®

COAXIAL BONE BIOPSY NEEDLE SET

NEEDLE SETS

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.



Order Number	Reference Part Number	Outer Cannula gage	Outer Cannula Length cm
Osteo-Site® Coaxial Bone Biopsy Needle			
G24315	DCBBN-14-17.1	14	17.1
G24316	DCBBN-14-22.1	14	22.1
G24317	DCBBN-16-17.1	16	17.1
G24318	DCBBN-16-22.1	16	22.1

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.

NEEDLE SETS

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.



Order Number	Reference Part Number	Needle Guide and Stylet gage/Length cm	Long Biopsy Needle gage/Length cm	Short Biopsy Needle gage/Length cm	Skin Perforator Tip Configuration
Ackermann Bone Biopsy Needle Sets					
G03385	ABC-100	12/6.5	14/10.8	14/9.6	pencil point
G03386	ABC-200	12/14	14/18.3	14/17.1	pencil point

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.

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.



Order Number	Reference Part Number	Introducer Needle gage/Length cm	Introducer Needle Tip Configuration	Coaxial Guide Cannula gage/Length cm	Short Biopsy Needle gage/Length cm	Long Biopsy Needle gage/Length cm
Elson Bone Biopsy Needle Set						
G07895	ABC-200-ELSON	22/25	diamond	12/14	14/17.1	14/18.3

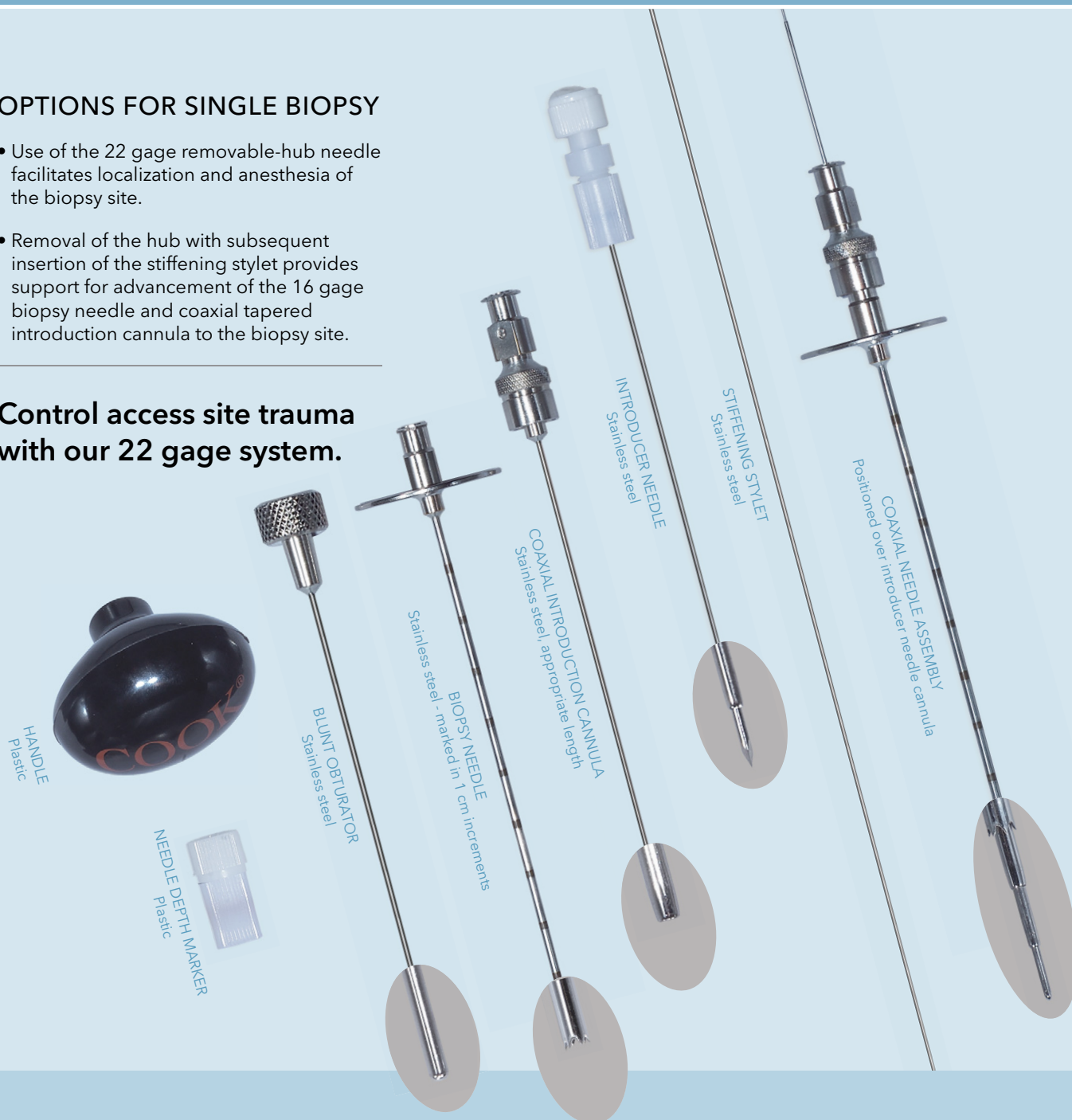
Not all part numbers shown may be approved for sale in all regulatory jurisdictions. Consult with your local representative or customer service center for details.

NEEDLE SETS

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.



Order Number	Reference Part Number	Biopsy Needle gage	Biopsy Needle Length cm	Introducer Needle gage	Introducer Needle Length cm	Introducer Needle Tip Configuration
Geremia Vertebral Bone Biopsy Needle Set						
G06986	GVBS-100	16	15	22	22	diamond

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.



Osteo-Site®

NEEDLE HOLDER

NEEDLE HOLDER

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.



Order Number	Reference Part Number	Length cm
Osteo-Site® Needle Holder		
G13549	ONH-100	30



Duro-Ject®

BONE CEMENT INJECTOR SET

VERTEBROPLASTY PRODUCTS

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.



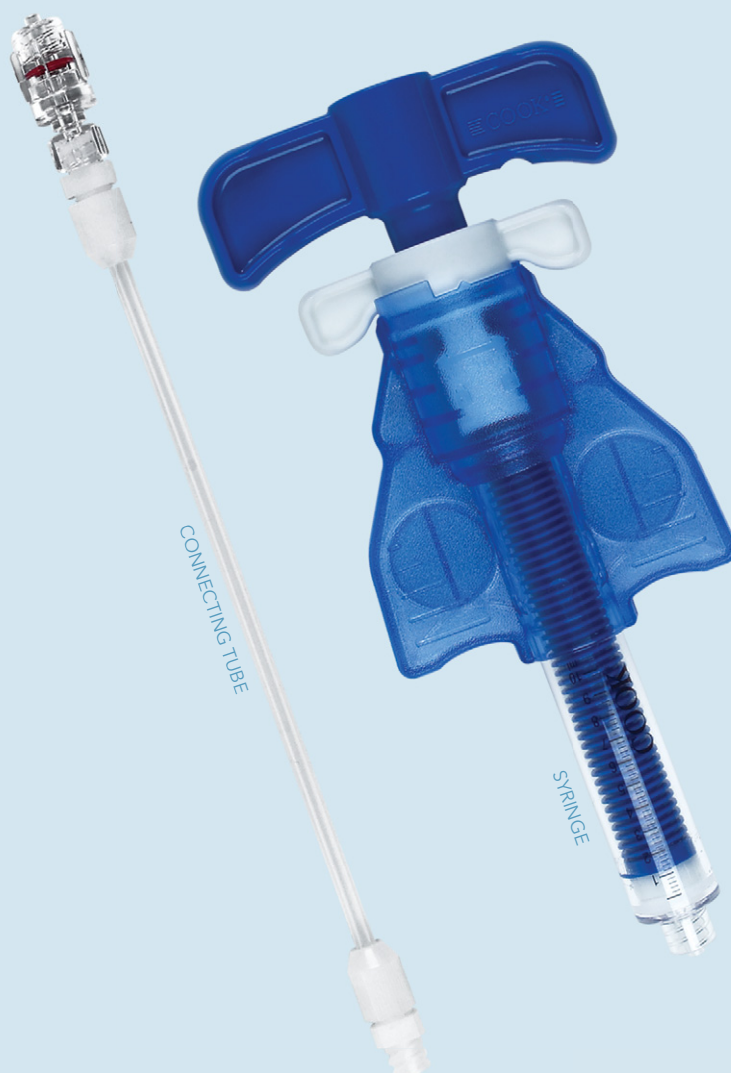
Order Number	Reference Part Number	Syringe Volume mL	Connecting Tube Length cm	Connecting Tube Volume mL
Duro-Ject® Bone Cement Injector Set				
G32497	DURO-100	10	29	1.4
Duro-Ject® Bone Cement Injector Set Connecting Tube				
G36272	TCT9.9-29-P-FMRA-DURO	-	29	1.4

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.

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.



Order Number	Reference Part Number	Syringe Volume mL	Connecting Tube Length cm	Connecting Tube Volume mL
Osteo-Force[®] Bone Cement Injector Set				
G13082	HPIS-100	10	15	.8
Osteo-Force[®] Bone Cement Injector Set Connecting Tubes				
G13344	TCT12.4-15-P-FMRA-HPIS	-	15	.8
G13345	TCT12.4-30-P-FMRA-HPIS	-	30	1.6

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.



Osteo-Force®

BONE ACCESS & PREP TRAY

VERTEBROPLASTY PRODUCTS

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

HPI5Y-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.



Osteo-Force®

EXPANDED BONE ACCESS & PREP TRAY

VERTEBROPLASTY PRODUCTS

Tray includes:

- 1 Full-body surgical drape with aperture
- 1 Antiseptic surgical prep swab
- 2 25 gage spinal needles
- 1 22 gage needle
- 1 18 gage blunt needle
- 1 Disposable needle forceps
- 1 Disposable bone hammer
- 2 Plastic specimen vials
- 1 Sharps holder
- 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 60 mL disposable syringe
- 1 20 gage spinal needle
- 1 Disposable scalpel
- 2 Disposable plastic spatulas
- 1 Disposable plastic funnel
- 2 15 cm connecting tubes
- 1 Bandage dressing
- 10 Gauze pads

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



Order Number	Reference Part Number
-----------------	--------------------------

Osteo-Force® Expanded Tray Design Bone Access and Prep Tray with Injector	
--	--

G13636	HPISY-200-NN
--------	--------------

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.

Kit includes:

- 1 Full-body surgical drape with aperture
- 1 CSR wrap
- 2 Chlorhexidine prep-sticks
- 2 25 gage needles
- 1 22 gage needle
- 1 20 gage needle
- 2 18 gage blunt needle cannulas
- 1 Safety scalpel
- 1 Powder funnel
- 1 30 cm venogram connecting tube
- 1 Disposable bone hammer
- 1 Disposable needle forceps
- 1 Sharps holder
- 1 6 mL syringe
- 2 12 mL syringe
- 2 20 mL syringe without stopper
- 2 Mixing vials
- 10 Gauze pads
- 2 Ointment
- 2 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.



Vertefix[®]

RADIOPAQUE BONE CEMENT

VERTEBROPLASTY PRODUCTS

RELIABILITY

- 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.



Order Number	Reference Part Number	Liquid Monomer gram	PMMA Polymer gram
Vertefix[®] Radiopaque Bone Cement			
G31394	VBC-100	9.2	20

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.

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.



Order Number	Reference Part Number
--------------	-----------------------

Minimix[™] Bone Cement Mixer

G37374	CMM4
--------	------

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.



Customer Service Centers

EMEA: EDI - www.cookmedical.com/edi.do
Distributors: +353 61239240, ssc.distributors@cookmedical.com
Austria: +43 179567121, oe.orders@cookmedical.com
Belgium: +32 27001633, be.orders@cookmedical.com
Denmark: +45 38487607, da.orders@cookmedical.com
Finland: +358 972519996, fi.orders@cookmedical.com
France: +33 171230269, fr.orders@cookmedical.com
Germany: +49 6950072804, de.orders@cookmedical.com
Hungary: +36 17779199, hu.orders@cookmedical.com
Ireland: +353 61239252, ie.orders@cookmedical.com
Italy: +39 0269682853, it.orders@cookmedical.com
Netherlands: +31 202013367, nl.orders@cookmedical.com
Norway: +47 23162968, no.orders@cookmedical.com
Spain: +34 912702691, es.orders@cookmedical.com
Sweden: +46 858769468, se.orders@cookmedical.com
Switzerland - French: +41 448009609, fr.orders@cookmedical.com
Switzerland - Italian: +41 448009609, it.orders@cookmedical.com
Switzerland - German: +41 448009609, de.orders@cookmedical.com
United Kingdom: +44 2073654183, uk.orders@cookmedical.com

www.cookmedical.com

Americas: EDI - www.cookmedical.com/edi.do
Phone: +1 812.339.2235, 800.457.4500, Fax: 800.554.8335
E-mail: orders@cookmedical.com

Australia:
Phone: +61 738411188, 1800777222, Fax: +61 738411288, 1800077283
E-mail: cau.custserv@cookmedical.com