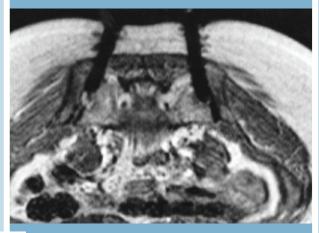


Trust Cook Medical's extensive line of special purpose needles to facilitate your procedures from beginning to successful completion.









Echogenic Needles Improved Visibility for Ultrasound

- EchoTip® Needles Hundreds of microscopic dimples on the needle surface ensure a strong echo reflection and brilliant, clearly visible images of the needle tip during scanning.
- Etched Tip Needles Enhanced echogenic surface ensures increased visibility under ultrasound.



MReye® Needles For Magnetic Resonance Imaging

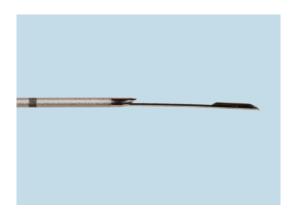
Cook's interventional MReye needles are used for initial puncture and positioning control as well as biopsies and other interventional procedures in combination with magnetic resonance imaging (MRI).

- MReye products are created from a nonferromagnetic material that helps reduce artifacts by up to 1,900%.
- MReye needles are recommended for use with MRI scanners not exceeding 1.5 tesla.

Biopsy and Special Purpose Needles

Quick-Core® Biopsy Needle	4 - 5
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Franseen Lung Biopsy Needle	10
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Turner Biopsy Needle	12
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4 Biopsy and Special Purpose Needles

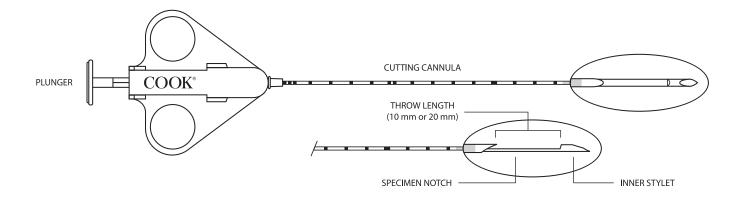


Quick-Core® Biopsy Needle



Used for soft tissue biopsy.

- Lightweight and compact Quick-Core Biopsy Needle design facilitates one-handed operation during procedures.
- Precise, rapid-firing mechanism provides intact core tissue sample.
- Beveled point stylet permits easy penetration into the specimen with less trauma to surrounding tissues and organs.
- Etched tip enhances visualization during ultrasound imaging.
- Cutting cannula marked in 1 cm increments.

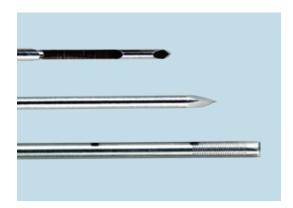


Order Number	Reference Part Number	Biopsy Needle gage	Biopsy Needle Length cm	Biopsy Needle Throw Length mm
G36382	QC-10-5.0-10T	10	5	10
G28280	QC-16-6.0-10T	16	6	10
G28282	QC-16-9.0-10T	16	9	10
G07777	QC-16-15.0-10T	16	15	10
G28283	QC-18-6.0-10T	18	6	10
G27009	QC-18-9.0-10T	18	9	10
G07819	QC-18-15.0-10T	18	15	10
G27012	QC-20-6.0-10T	20	6	10
G27014	QC-20-9.0-10T	20	9	10
G07822	QC-20-15.0-10T	20	15	10

Supplied sterile in peel-open packages. Intended for one-time use.

G28277 QC-14-6.0-20T 14 6 20 G27006 QC-14-9.0-20T 14 9 20 G07824 QC-14-15.0-20T 14 15 20 G07825 QC-14-20.0-20T 14 20 20 G27007 QC-16-6.0-20T 16 6 20 G07794 QC-16-15.0-20T 16 15 20 G07827 QC-16-20.0-20T 16 20 20 G27008 QC-18-6.0-20T 18 6 20 G27010 QC-18-9.0-20T 18 9 20 G07778 QC-18-15.0-20T 18 15 20 G07821 QC-18-20.0-20T 18 20 20 G27011 QC-19-9.0-20T 19 9 20 G07793 QC-19-15.0-20T 20 6 20 G27015 QC-20-6.0-20T 20 9 20 G07780 QC-20-9.0-20T 20 9 20 G077829	Order Number	Reference Part Number	Biopsy Needle gage	Biopsy Needle Length cm	Biopsy Needle Throw Length mm
G07824 QC-14-15.0-20T 14 15 20 G07825 QC-14-20.0-20T 14 20 20 G28281 QC-16-6.0-20T 16 6 20 G27007 QC-16-9.0-20T 16 9 20 G07794 QC-16-15.0-20T 16 15 20 G07827 QC-16-20.0-20T 16 20 20 G27008 QC-18-6.0-20T 18 6 20 G27010 QC-18-9.0-20T 18 9 20 G07778 QC-18-15.0-20T 18 15 20 G07821 QC-18-20.0-20T 18 20 20 G27011 QC-19-9.0-20T 19 9 20 G07793 QC-19-15.0-20T 20 6 20 G27013 QC-20-6.0-20T 20 9 20 G07780 QC-20-9.0-20T 20 9 20 G07780 QC-20-15.0-20T 20 15 20	G28277	QC-14-6.0-20T	14	6	20
G07825 QC-14-20.0-20T 14 20 20 G28281 QC-16-6.0-20T 16 6 20 G27007 QC-16-9.0-20T 16 9 20 G07794 QC-16-15.0-20T 16 15 20 G07827 QC-16-20.0-20T 16 20 20 G27008 QC-18-6.0-20T 18 6 20 G27010 QC-18-9.0-20T 18 9 20 G07778 QC-18-15.0-20T 18 20 20 G27011 QC-18-20.0-20T 18 20 20 G27011 QC-19-9.0-20T 19 9 20 G27013 QC-20-6.0-20T 20 6 20 G27015 QC-20-9.0-20T 20 9 20 G07780 QC-20-15.0-20T 20 9 20	G27006	QC-14-9.0-20T	14	9	20
G28281 QC-16-6.0-20T 16 6 20 G27007 QC-16-9.0-20T 16 9 20 G07794 QC-16-15.0-20T 16 15 20 G07827 QC-16-20.0-20T 16 20 20 G27008 QC-18-6.0-20T 18 6 20 G27010 QC-18-9.0-20T 18 9 20 G07778 QC-18-15.0-20T 18 15 20 G07821 QC-18-20.0-20T 18 20 20 G27011 QC-19-9.0-20T 19 9 20 G07793 QC-19-15.0-20T 19 15 20 G27013 QC-20-6.0-20T 20 6 20 G27015 QC-20-9.0-20T 20 9 20 G07780 QC-20-15.0-20T 20 9 20	G07824	QC-14-15.0-20T	14	15	20
G27007 QC-16-9.0-20T 16 9 20 G07794 QC-16-15.0-20T 16 15 20 G07827 QC-16-20.0-20T 16 20 20 G27008 QC-18-6.0-20T 18 6 20 G27010 QC-18-9.0-20T 18 9 20 G07778 QC-18-15.0-20T 18 15 20 G07821 QC-18-20.0-20T 18 20 20 G27011 QC-19-9.0-20T 19 9 20 G07793 QC-19-15.0-20T 19 15 20 G27013 QC-20-6.0-20T 20 6 20 G27015 QC-20-9.0-20T 20 9 20 G07780 QC-20-15.0-20T 20 9 20	G07825	QC-14-20.0-20T	14	20	20
G07794 QC-16-15.0-20T 16 15 20 G07827 QC-16-20.0-20T 16 20 20 G27008 QC-18-6.0-20T 18 6 20 G27010 QC-18-9.0-20T 18 9 20 G07778 QC-18-15.0-20T 18 15 20 G07821 QC-18-20.0-20T 18 20 20 G27011 QC-19-9.0-20T 19 9 20 G07793 QC-19-15.0-20T 19 15 20 G27013 QC-20-6.0-20T 20 6 20 G27015 QC-20-9.0-20T 20 9 20 G07780 QC-20-15.0-20T 20 15 20	G28281	QC-16-6.0-20T	16	6	20
G07827 QC-16-20.0-20T 16 20 20 G27008 QC-18-6.0-20T 18 6 20 G27010 QC-18-9.0-20T 18 9 20 G07778 QC-18-15.0-20T 18 15 20 G07821 QC-18-20.0-20T 18 20 20 G27011 QC-19-9.0-20T 19 9 20 G07793 QC-19-15.0-20T 19 15 20 G27013 QC-20-6.0-20T 20 6 20 G27015 QC-20-9.0-20T 20 9 20 G07780 QC-20-15.0-20T 20 15 20	G27007	QC-16-9.0-20T	16	9	20
G27008 QC-18-6.0-20T 18 6 20 G27010 QC-18-9.0-20T 18 9 20 G07778 QC-18-15.0-20T 18 15 20 G07821 QC-18-20.0-20T 18 20 20 G27011 QC-19-9.0-20T 19 9 20 G07793 QC-19-15.0-20T 19 15 20 G27013 QC-20-6.0-20T 20 6 20 G27015 QC-20-9.0-20T 20 9 20 G07780 QC-20-15.0-20T 20 15 20	G07794	QC-16-15.0-20T	16	15	20
G27010 QC-18-9.0-20T 18 9 20 G07778 QC-18-15.0-20T 18 15 20 G07821 QC-18-20.0-20T 18 20 20 G27011 QC-19-9.0-20T 19 9 20 G07793 QC-19-15.0-20T 19 15 20 G27013 QC-20-6.0-20T 20 6 20 G27015 QC-20-9.0-20T 20 9 20 G07780 QC-20-15.0-20T 20 15 20	G07827	QC-16-20.0-20T	16	20	20
G07778 QC-18-15.0-20T 18 15 20 G07821 QC-18-20.0-20T 18 20 20 G27011 QC-19-9.0-20T 19 9 20 G07793 QC-19-15.0-20T 19 15 20 G27013 QC-20-6.0-20T 20 6 20 G27015 QC-20-9.0-20T 20 9 20 G07780 QC-20-15.0-20T 20 15 20	G27008	QC-18-6.0-20T	18	6	20
G07821 QC-18-20.0-20T 18 20 20 G27011 QC-19-9.0-20T 19 9 20 G07793 QC-19-15.0-20T 19 15 20 G27013 QC-20-6.0-20T 20 6 20 G27015 QC-20-9.0-20T 20 9 20 G07780 QC-20-15.0-20T 20 15 20	G27010	QC-18-9.0-20T	18	9	20
G27011 QC-19-9.0-20T 19 9 20 G07793 QC-19-15.0-20T 19 15 20 G27013 QC-20-6.0-20T 20 6 20 G27015 QC-20-9.0-20T 20 9 20 G07780 QC-20-15.0-20T 20 15 20	G07778	QC-18-15.0-20T	18	15	20
G07793 QC-19-15.0-20T 19 15 20 G27013 QC-20-6.0-20T 20 6 20 G27015 QC-20-9.0-20T 20 9 20 G07780 QC-20-15.0-20T 20 15 20	G07821	QC-18-20.0-20T	18	20	20
G27013 QC-20-6.0-20T 20 6 20 G27015 QC-20-9.0-20T 20 9 20 G07780 QC-20-15.0-20T 20 15 20	G27011	QC-19-9.0-20T	19	9	20
G27015 QC-20-9.0-20T 20 9 20 G07780 QC-20-15.0-20T 20 15 20	G07793	QC-19-15.0-20T	19	15	20
G07780 QC-20-15.0-20T 20 15 20	G27013	QC-20-6.0-20T	20	6	20
	G27015	QC-20-9.0-20T	20	9	20
G07829 QC-20-20.0-20T 20 20 20	G07780	QC-20-15.0-20T	20	15	20
	G07829	QC-20-20.0-20T	20	20	20

 $\label{thm:continuous} \mbox{Supplied sterile in peel-open packages. Intended for one-time use.}$

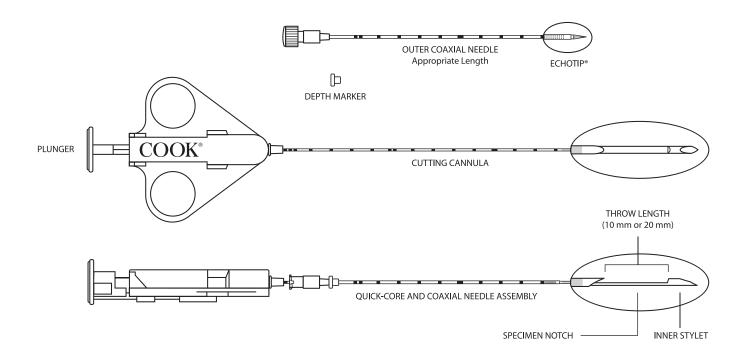


Quick-Core® Coaxial Biopsy Set



Used for soft tissue biopsy.

- Lightweight and compact Quick-Core Biopsy Needle design facilitates one-handed operation during procedures.
- Precise, rapid-firing mechanism provides intact core tissue sample.
- Coaxial outer needle permits multiple biopsies with Quick-Core needle through single access site.
- Cutting cannula and outer coaxial needle marked in 1 cm increments.



			Cutting Cannula	Э		Coaxial
Order Number	Reference Part Number	Cutting Cannula Needle gage	Needle Length cm	Inner Stylet Throw Length mm	Coaxial Needle gage	Needle Length cm
G27016	QCS-18-9.0-10T	18	9	10	16	6
G08728	QCS-18-15.0-10T	18	15	10	16	12
G27018	QCS-20-9.0-10T	20	9	10	19 UTW	6.5
G08727	QCS-20-15.0-10T	20	15	10	19 UTW	12.5

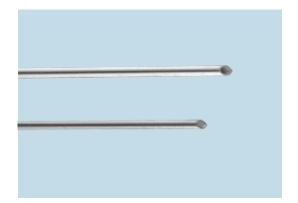
UTW = Ultrathin-wall needle

Supplied sterile in peel-open packages. Intended for one-time use.

Order Number	Reference Part Number	Cutting Cannula Needle gage	Cutting Cannula Needle Length cm	Inner Stylet Throw Length mm	Coaxial Needle gage	Coaxial Needle Length cm
G28290	QCS-14-9.0-20T	14	9	20	11	5.4
G10083	QCS-14-15.0-20T	14	15	20	11	11.5
G28292	QCS-16-9.0-20T	16	9	20	14 XTW	5.6
G10149	QCS-16-15.0-20T	16	15	20	14 XTW	11.6
G27017	QCS-18-9.0-20T	18	9	20	16	5
G08790	QCS-18-15.0-20T	18	15	20	16	11
G08789	QCS-18-20.0-20T	18	20	20	16	16
G27019	QCS-20-9.0-20T	20	9	20	19 UTW	5.5
G08788	QCS-20-15.0-20T	20	15	20	19 UTW	11.5
G08787	QCS-20-20.0-20T	20	20	20	19 UTW	16.5

XTW = Extra thin-wall needle, UTW = Ultrathin-wall needle

Supplied sterile in peel-open packages. Intended for one-time use.



Chiba Biopsy Needle

Used for aspiration biopsy.



Order Number	Reference Part Number	Biopsy Needle gage	Biopsy Needle Length cm
G02585	DCHN-18-5.0	18	5
G01559	DCHN-18-10.0	18	10
G00850	DCHN-18-15.0	18	15
G01047	DCHN-18-20.0	18	20
G01112	DCHN-20-10.0	20	10
G00777	DCHN-20-15.0	20	15
G00810	DCHN-20-20.0	20	20
G00933	DCHN-21-10.0	21	10
G07307	DCHN-21-15.0-SUGAI-050987	21	15
G00778	DCHN-21-15.0	21	15
G00895	DCHN-21-20.0	21	20
G01133	DCHN-22-5.0	22	5
G00852	DCHN-22-10.0	22	10
G00012	DCHN-22-15.0	22	15
G00013	DCHN-22-20.0	22	20
G00934	DCHN-23-10.0	23	10
G00014	DCHN-23-15.0	23	15
G00015	DCHN-23-20.0	23	20
G01427	DCHN-25-10.0	25	10
G00016	DCHN-25-15.0	25	15
G00886	DCHN-25-20.0	25	20

Supplied sterile in peel-open packages. Intended for one-time use.

C05949 DCUN 10HT 10 0 10HT W 10	Order Number Ultrathin Wa	Reference Part Number II	Biopsy Needle gage	Biopsy Needle Length cm
G03846 DCHN-1901-10.0 19 01W 10	G05848	DCHN-19UT-10.0	19 UTW	10



EchoTip[®]

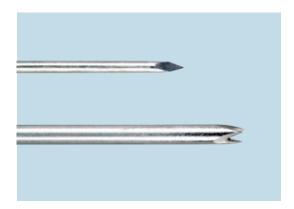
G03954 DCHN-18-15.0-U 18 15 G03020 DCHN-18-20.0-U 18 20 G04647 DCHN-20-10.0-U 20 10 G03955 DCHN-20-15.0-U 20 15 G02986 DCHN-20-20.0-U 20 20 G04586 DCHN-21-15.0-U 21 15 G06987 DCHN-21-65.5-U 21 65.5 G03978 DCHN-22-10.0-U 22 10 G03314 DCHN-22-15.0-U 22 15 G04338 DCHN-22-20.0-U 22 20				
G04647 DCHN-20-10.0-U 20 10 G03955 DCHN-20-15.0-U 20 15 G02986 DCHN-20-20.0-U 20 20 G04586 DCHN-21-15.0-U 21 15 G06987 DCHN-21-65.5-U 21 65.5 G03978 DCHN-22-10.0-U 22 10 G03314 DCHN-22-15.0-U 22 15	G03954	DCHN-18-15.0-U	18	15
G03955 DCHN-20-15.0-U 20 15 G02986 DCHN-20-20.0-U 20 20 G04586 DCHN-21-15.0-U 21 15 G06987 DCHN-21-65.5-U 21 65.5 G03978 DCHN-22-10.0-U 22 10 G03314 DCHN-22-15.0-U 22 15	G03020	DCHN-18-20.0-U	18	20
G02986 DCHN-20-20.0-U 20 20 G04586 DCHN-21-15.0-U 21 15 G06987 DCHN-21-65.5-U 21 65.5 G03978 DCHN-22-10.0-U 22 10 G03314 DCHN-22-15.0-U 22 15	G04647	DCHN-20-10.0-U	20	10
G04586 DCHN-21-15.0-U 21 15 G06987 DCHN-21-65.5-U 21 65.5 G03978 DCHN-22-10.0-U 22 10 G03314 DCHN-22-15.0-U 22 15	G03955	DCHN-20-15.0-U	20	15
G06987 DCHN-21-65.5-U 21 65.5 G03978 DCHN-22-10.0-U 22 10 G03314 DCHN-22-15.0-U 22 15	G02986	DCHN-20-20.0-U	20	20
G03978 DCHN-22-10.0-U 22 10 G03314 DCHN-22-15.0-U 22 15	G04586	DCHN-21-15.0-U	21	15
G03314 DCHN-22-15.0-U 22 15	G06987	DCHN-21-65.5-U	21	65.5
	G03978	DCHN-22-10.0-U	22	10
G04338 DCHN-22-20.0-U 22 20	G03314	DCHN-22-15.0-U	22	15
	G04338	DCHN-22-20.0-U	22	20



MReye[®]

G11583	IDCHN-20-10.0	20	10
G11324	IDCHN-20-15.0	20	15
G11584	IDCHN-20-20.0	20	20
G11587	IDCHN-22-10.0	22	10
G11588	IDCHN-22-15.0	22	15
G12841	IDCHN-22-20.0	22	20

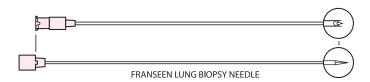
Etch	ned Tip	Biopsy I gag	•	le Introducer gage	Introducer Needle Length cm
G19416	DCHN-22-10.0-SI	22	2 10	19	4
G19417	DCHN-22-15.0-SI	22	2 15	19	4
G19415	DCHN-22-20.0-SI	22	2 20	19	4



Franseen Lung Biopsy Needle

Used for biopsy of lung tissue.

• The cannula has a trephine tip for cutting tissue, and a trocar-tipped stylet.



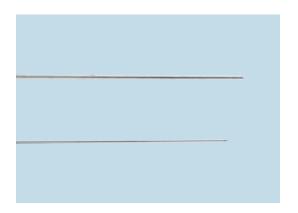
Order Number	Reference Part Number	Biopsy Needle gage	Biopsy Needle Length cm
G06318	DFBN-14-20.0	14	20
G01305	DFBN-18-15.0	18	15
G01432	DFBN-20-10.0	20	10
G01266	DFBN-20-15.0	20	15
G01267	DFBN-20-20.0	20	20
G01272	DFBN-22-10.0	22	10
G01268	DFBN-22-15.0	22	15
G01269	DFBN-22-20.0	22	20



EchoTip®

G04171	DFBN-20-15.0-U	20	15
G04420	DFBN-22-15.0-U	22	15

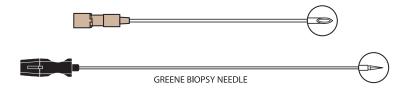
Supplied sterile in peel-open packages. Intended for one-time use.



Greene Biopsy Needle and Set

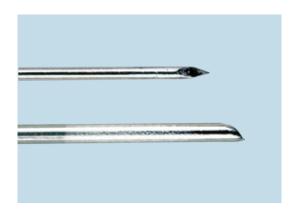
Used for aspiration biopsy of the lung.

- The 19 gage introducer needle establishes a tract through the pleural membrane.
- The biopsy needle is used through the introducer needle.



Order Number Needles	Reference Part Number	Biopsy Needle gage	Biopsy Needle Length cm	Introducer Needle gage	Introducer Needle Length cm
G05414	DGB-22-10.0	22	10	-	-
G05416	DGB-22-15.0	22	15	-	-
Set					
G03383	DGBS-100	22	15	19	10

Supplied sterile in peel-open packages. Intended for one-time use.



Turner Biopsy Needle

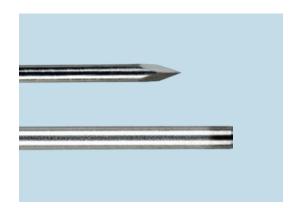
Used for aspiration biopsy.

• The cannula is beveled 45° and circumferentially shaped with a trocar-tipped stylet.



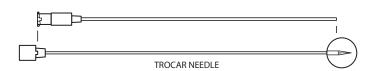
Order Number	Reference Part Number	Biopsy Needle gage	Biopsy Needle Length cm
G01127	DTB-18-10.0	18	10
G01087	DTB-18-15.0	18	15
G01129	DTB-18-20.0	18	20
G01128	DTB-20-10.0	20	10
G01070	DTB-20-15.0	20	15
G01072	DTB-20-20.0	20	20
G01096	DTB-22-10.0	22	10
G01073	DTB-22-15.0	22	15

Supplied sterile in peel-open packages. Intended for one-time use.



Trocar Needle

Used for introduction in nonvascular access procedures.



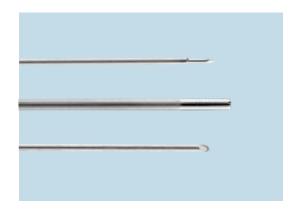
Order Number	Reference Part Number	Needle gage	Needle Length cm
G01458	DTN-18-10.0	18	10
G00945	DTN-18-15.0	18	15
G07082	DTN-18-15.0-LS	18	15
G01377	DTN-18-20.0	18	20
G01674	DTN-21-15.0	21	15



EchoTip®

G04322	DTN-18-15.0-U	18	15
G02901	DTN-18-20.0-U	18	20
G05635	DTN-21-15.0-U	21	15
M3 Coaxial			
G08101	DTN-19UT-5.5-M3	19 UTW	5.5
	11N-1901-3.5-INI3	190100	5.5

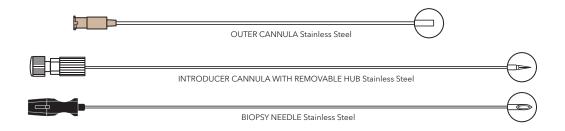
Supplied sterile in peel-open packages. Intended for one-time use.



VanSonnenberg Biopsy Needle Set

Used for aspiration biopsy.

- The introducer needle has a removable hub to allow the outer cannula to pass over it.
- Multiple passes into the lesion can then be made with the biopsy needle through the cannula.



Order Number	Reference Part Number	Biopsy Needle gage	Biopsy Needle Length cm	Outer Cannula gage/Length cm	Introducer Needle gage/Length cm
G03384	DVSLB-100	22	20	19 UTW/15	22/20
G03510	DVSLB-101	22	15	19 UTW/10	22/15

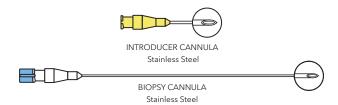
Supplied sterile in peel-open packages. Intended for one-time use.



Zavala Lung Biopsy Needle Set

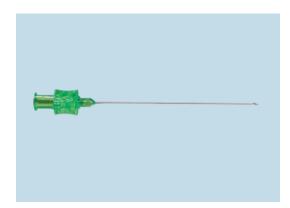
Used for aspiration biopsy of indeterminate lung lesions.

- The introducer needle is used for initial penetration of the pleural membrane.
- The biopsy needle is used through the introducer needle for aspiration biopsy.



Order Number	Reference Part Number	Biopsy Needle gage	Biopsy Needle Length cm	Introducer Needle gage	Introducer Needle Length cm
G01398	DZLB-25-15.0	25	15	20	1.8

Supplied sterile in peel-open packages. Intended for one-time use.



Thinwall Percutaneous Entry Needle - Venous Bevel

Used for vascular access.



THINWALL PERCUTANEOUS ENTRY NEEDLE - VENOUS BEVEL

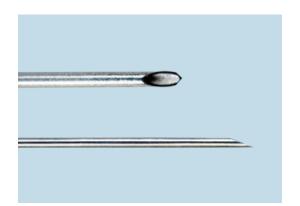
Order Number	Reference Part Number	Introducer Needle gage	Introducer Needle Length cm
G02724	SDN-21-4.0-CSV	21	4
G02304	SDN-21-7.0-CSV	21	7



EchoTip®

G10360	SDN-21-5.0-CSV-U	21	5
G08387	SDN-21-7.0-CSV-U	21	7

Supplied sterile in peel-open packages. Intended for one-time use.

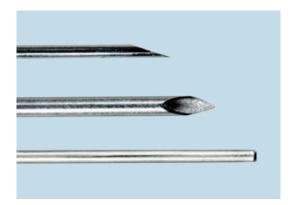


Spinal Needle

Used for diagnostic sampling of cerebrospinal fluid and for the introduction of contrast medium for myelography.



Order Number	Reference Part Number	Needle gage	Needle Length cm
G01816	DSN-18-15.0	18	15
G01605	DSN-20-15.0	20	15
G02435	DSN-20-20.0	20	20
G01606	DSN-22-15.0	22	15
G03542	DSN-22-20.0	22	20
G03721	DSN-25-15.0	25	15

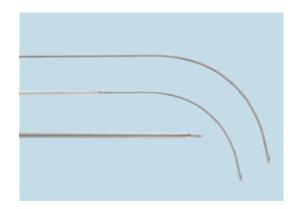


Hinck Spinal Needle with Depth Guide

Used for diagnostic sampling of cerebrospinal fluid and for the introduction of contrast medium for myelography.



Order Number	Reference Part Number	Needle gage	Needle Length cm
G26956	DPNH-20-13.0	20	13

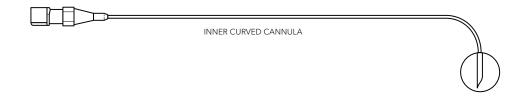


Pakter Curved Needle Set

Used for discography, diagnostic sampling, aspiration and injection.

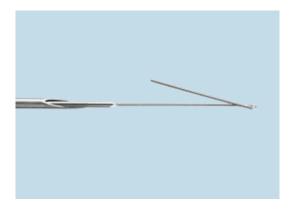
- The 21 gage needle is used to establish a tract through which the 25 gage curved needle is inserted.
- The 25 gage curved needle is made from a superelastic alloy that provides greater directional control for pinpoint accuracy.





Order Number	Reference Part Number	Introducer Needle gage	Introducer Needle Length cm	Curved Needle gage	Curved Needle Length cm
G12040	DCHNS-25-15.0-CURVE	21	10	25	15
G12276	DCHNS-25-20.0-CURVE	21	15	25	20

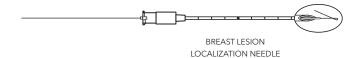
Supplied sterile in peel-open packages. Intended for one-time use.



Kopans Breast Lesion Localization Needle - Modified

Used for preoperative marking of nonpalpable breast lesions.

- Reference burnish mark, when visible just outside the needle hub on the spring-hook wire, provides visual assurance that the hook wire is within the needle tip during needle manipulation.
- Needle marked in 1 cm increments.



Order Number	Reference Part Number	Needle gage	Needle Length cm
G02586	DKBL-20-5.0-A	20	5
G02601	DKBL-20-7.0-A	20	7
G02587	DKBL-20-9.0-A	20	9
G02850	DKBL-20-15.0-A	20	15
G02900	DKBL-21-5.0-A	21	5
G03507	DKBL-21-7.0-A	21	7
G02554	DKBL-21-9.0-A	21	9
G02938	DKBL-21-15.0-A	21	15



MReye® (MRI Conditional up to 1.5 Tesla)

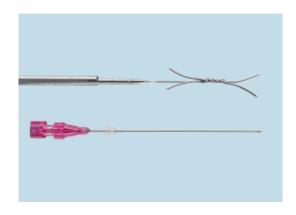
G26976	IDKBL-20-7.0-A	20	7
G26977	IDKBL-20-9.0-A	20	9



FchoTin[®]

G04343	DKBL-20-5.0-A-U	20	5
G09984	DKBL-20-7.0-A-U	20	7
G04296	DKBL-20-9.0-A-U	20	9

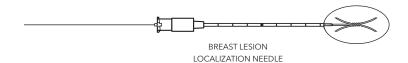
Supplied sterile in peel-open packages. Intended for one-time use.



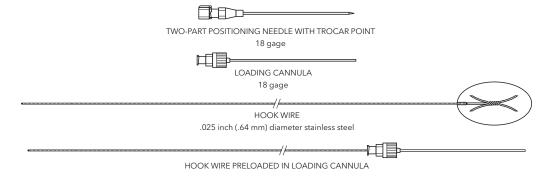
X-Reidy Breast Lesion Localization Needle

Used for preoperative localization of nonpalpable breast lesions.

- The X-shaped hook provides excellent fixation and is intended to limit migration before surgery.
- The 3 cm stiff portion of the shaft is easily palpated during surgery.
- The soft, flexible wire portion of the shaft is comfortable for the patient.
- The reinforced wire facilitates the surgical procedure by aiding in locating the wire and is intended to reduce the possibility of accidentally cutting the wire.

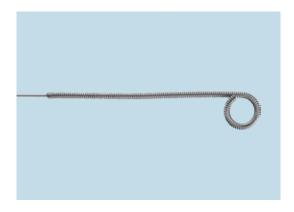


Order Number	Reference Part Number	Positioning Needle gage	Positioning Needle Length cm	Needle gage	Needle Length cm
Needles					
G19617	DXRBL-19.5-5.0-S	-	-	19.5	5
G19533	DXRBL-19.5-9.0-S	-	-	19.5	9
G19589	DXRBL-19.5-15.0-S	-	-	19.5	15



Order Number	Reference Part Number	Positioning Needle gage	Positioning Needle Length cm	Needle gage	Needle Length cm
Sets					
G19418	DXRBL-18-5.0	18	5	19.5	6.5
G19380	DXRBL-18-9.0	18	9	19.5	10.5

Supplied sterile in peel-open packages. Intended for one-time use.

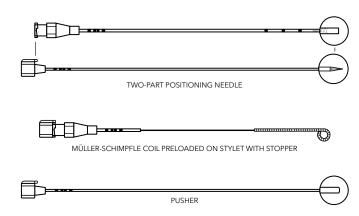


Breast Lesion Localization Coil



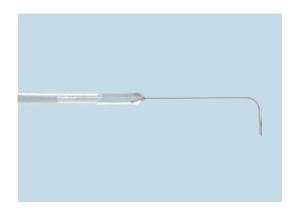
EchoTip® Needle with Müller-Schimpfle Coil Used for preoperative localization of nonpalpable breast lesions. Featuring the Müller-Schimpfle coil.

- EchoTip® needle ensures increased visibility during ultrasound.
- Coil acts as marker after treatment, indicating lesion location.
- MR conditional up to 1.5 tesla.



Order Number	Reference Part Number	Needle gage	Needle Length cm	Coil Diameter mm
G20782	IDLC-19.5-9.0-4-U-DM	19.5	9	4

Supplied sterile in peel-open packages. Intended for one-time use.



Jabczenski Ductogram Cannula

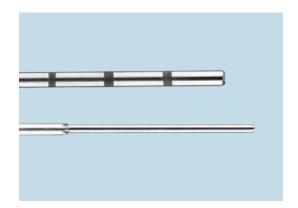
Used for cannulation of the lactiferous duct of the breast.

 Right-angle design of the cannula tip enables unobstructed view of the duct for placement and permits easy movement and fixation of the connecting tube away from the area being radiographed.



Order Number	Reference Part Number	Cannula gage	Cannula Distal Tip Length cm
G04303	DGC-30-5	30	5

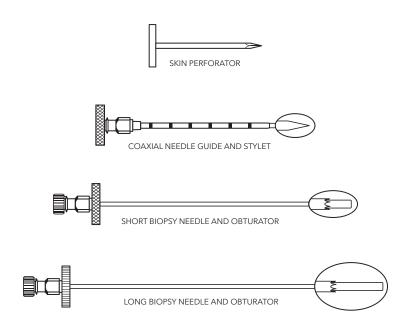
Supplied sterile in peel-open packages. Intended for one-time use.



Ackermann Bone Biopsy Needle Set

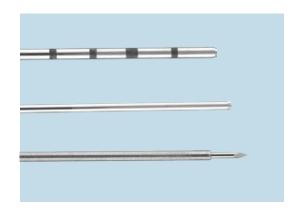
Used for the biopsy of vertebral bodies, sternum, pelvis, extremities, and bones of the face and skull.

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



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
G03385	ABC-100	12/6.5	14/10.8	14/9.6	trocar
G03386	ABC-200	12/14	14/18.3	14/17.1	trocar

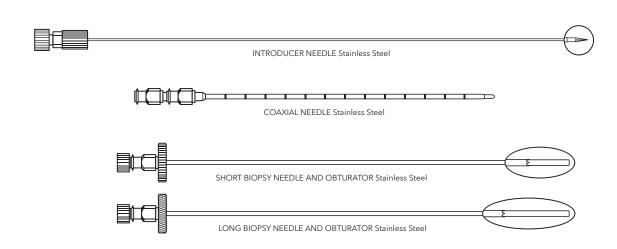
Supplied sterile in peel-open packages. Intended for one-time use.



Elson Bone Biopsy Needle Set

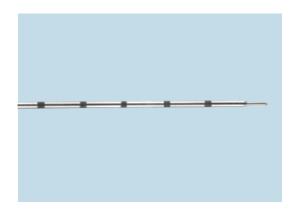
Used for bone biopsy of vertebral bodies, pelvis and extremities.

- The introducer needle incorporates a removable hub to facilitate passage of the tapered coaxial needle set.
- Multiple passes into the lesion are made with the 14 gage bone biopsy needle through the outer cannula of the coaxial needle set, reducing trauma to the surrounding tissue.
- Coaxial needle marked in 1 cm increments.



	eference art Number	Introducer Needle gage/Length cm	Introducer Needle Tip Configuration	Coaxial Needle Cannula gage/Length cm	Short Biopsy Needle gage/Length cm	Long Biopsy Needle gage/Length cm
G07895 A	BC-200-ELSON	22/25	trocar	12/14	14/17.1	14/18.3

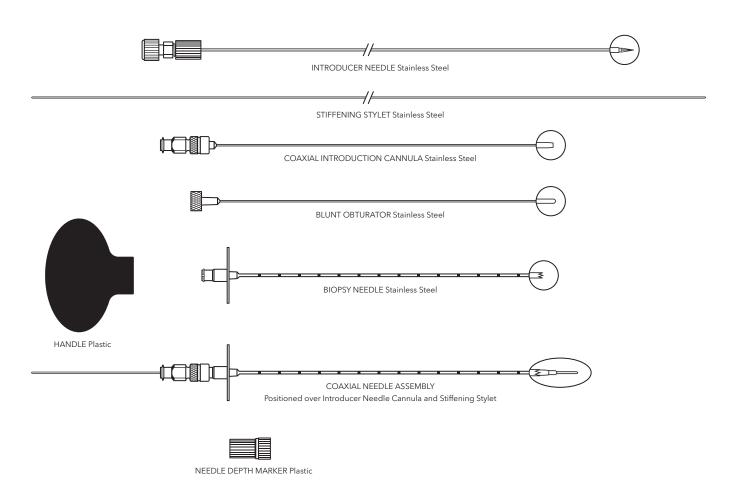
Supplied sterile in peel-open packages. Intended for one-time use.



Geremia Vertebral Biopsy Needle Set

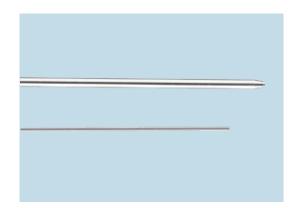
Used for vertebral body and paravertebral bone biopsy.

- 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 introduction cannula to the biopsy site.
- Biopsy and coaxial needles marked in 1 cm increments.



	ference rt Number	Biopsy Needle gage	Biopsy Needle Length cm	Introducer Needle gage	Introducer Needle Length cm	Introducer Needle Tip Configuration
G06986 GV	BS-100	16	15	22	22	trocar

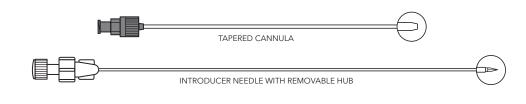
Supplied sterile in peel-open packages. Intended for one-time use.



Coaxial Vertebroplasty Access Set

Used to aid in the placement of vertebroplasty needles during vertebroplasty.

- Less invasive, with more accurate needle placement.
- Compatible with Osteo-Site® needles (sold separately).

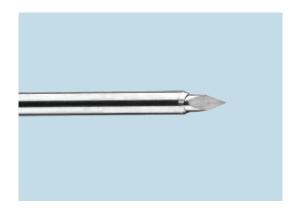


STIFFENING ROD

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

Supplied sterile in peel-open packages. Intended for one-time use.

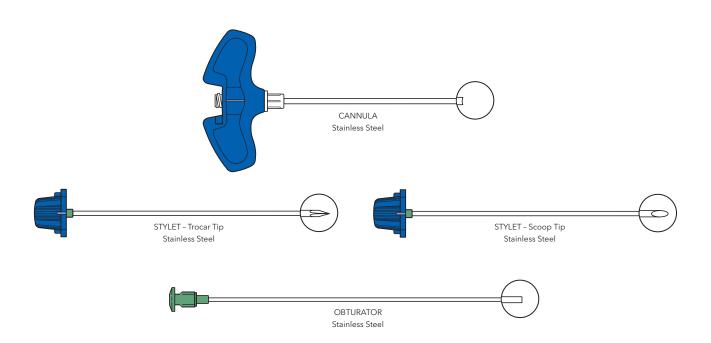
^{*}Osteo-Site needles sold separately.



Osteo-Site® Vertebroplasty Needle Set

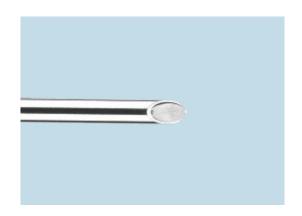
Used for vertebral body access and infusion during vertebroplasty.

- Trocar-tipped stylet facilitates easy placement into the periosteum and bone cortex being radiographed.
- Radiolucent handle provides an unobstructed view during introduction into the pedicle portion of the vertebral body, ensuring accurate needle placement.
- A 30° scoop-tipped stylet is provided for minor redirection of needle during introduction.



Order Number	Reference Part Number	Outer Cannula gage	Outer Cannula Length cm
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

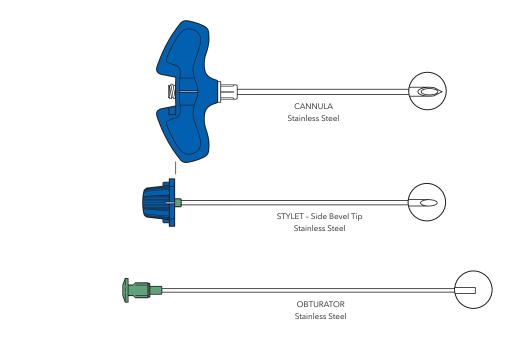
Supplied sterile in peel-open packages. Intended for one-time use.



Osteo-Site® Murphy Back Bevel/Side Bevel M1M Vertebroplasty Needle Set

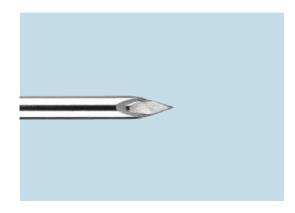
Used for vertebral body access and infusion during vertebroplasty.

- Both the inner stylet and the 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.



Order Number	Reference Part Number	Outer Cannula gage	Outer Cannula Length cm
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

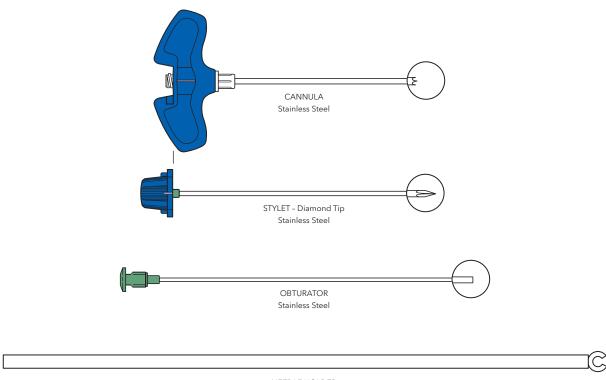
Supplied sterile in peel-open packages. Intended for one-time use.



Osteo-Site® Murphy Diamond Bevel M2™ Vertebroplasty Needle Set

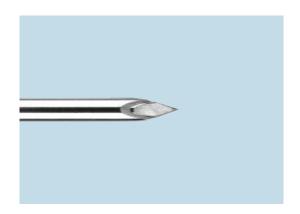
Used for vertebral body access and infusion during vertebroplasty.

- The inner stylet is ground to match the trephine tip of the cannula. The matched stylet/cannula bevel maximizes infusion and biopsy capabilities.
- The sharp diamond-beveled tip allows for good purchase on the vertebral body.



Order Number	Reference Part Number	Outer Cannula gage	Outer Cannula Length cm
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

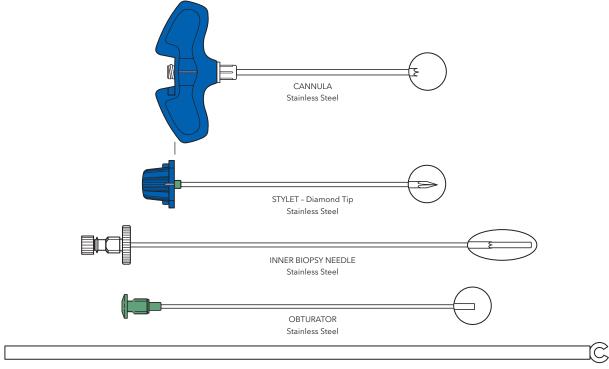
Supplied sterile in peel-open packages. Intended for one-time use.



Osteo-Site® Murphy Coaxial M2™-S Bone Access Needle Set

Used for vertebral body biopsy and infusion.

- Vertebral access, bone biopsy, cement injection—all with a single access. The set includes a high-torque steel biopsy needle with ultrasharp trephine tip.
- The 14/16 gage inner needle is introduced coaxially through the 11/13 gage Osteo-Site needle.



NEEDLE HOLDER

Order Number	Reference Part Number	Outer Cannula gage	Outer Cannula Length cm	Inner Biopsy Needle gage	Inner Biopsy Needle Length cm
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

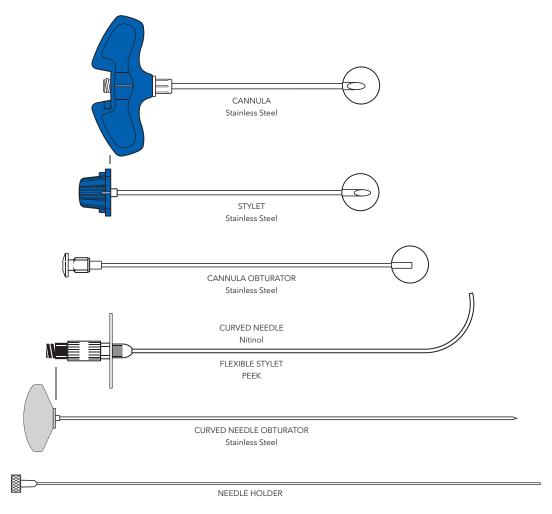
Supplied sterile in peel-open packages. Intended for one-time use.



Osteo-Rx® Coaxial Curved Vertebroplasty Needle Set

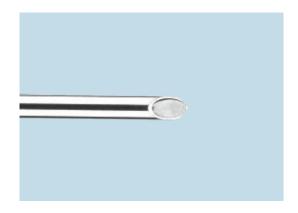
Used for vertebral body access and infusion during vertebroplasty.

- The uniquely designed needle facilitates the collection of biopsy samples circumferentially.
- The curved needle also allows for the directional infusion of bone cement into the vertebral body.



Order Number	Reference Part Number	Introducer Introducer Needle Needle Length Curved Needle gage cm gage	Curved Needle Length cm
G13053	DCBNS-13-19.0-C	10 10 13	19

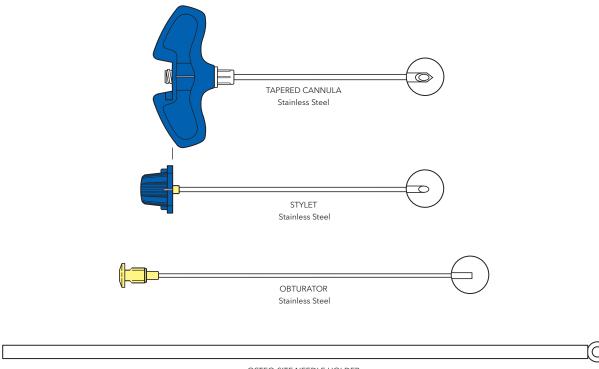
Supplied sterile in peel-open packages. Intended for one-time use.



Osteo-Site® Cervical Vertebroplasty Needle Set

Used for vertebral body access and infusion during vertebroplasty.

- Both the inner stylet and the 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 is less traumatic to small pedicles.



Order Number	Reference Part Number	Outer Cannula gage	Outer Cannula Length cm	
G26951	DBBN-15-10.0-CERV	15	10	
G55028	DBBN-15-15.0-CERV	15	15	
M2 [™] -Diamond Tip				
G55029	DBBN-15-10.0-M2-CERV	15	10	
G55030	DBBN-15-15.0-M2-CERV	15	15	

Supplied sterile in peel-open packages. Intended for one-time use.



Miscellaneous Needle Tray

Used in biopsy preparation.

Tray Components

- Povidone iodine ointment
- ChloraPrep® One-Step
- Thumb scalpel #11 blade
- Lidocaine
- 18 x 24 inch drape with 2.5 inch fenestration
- 5 x 5 inch adhesive aperture
- Gauze sponges
- French catheter scale
- CSR wrap
- · Sharps container

Order Reference Number Part Number

MVNY-022588

G26985



Biopsy Needle Depth Marker

Used as a needle stop to prevent inadvertent advancement of a biopsy needle beyond predetermined depth.

• The Tuohy-Borst valve allows variable positioning of the depth marker along the shaft of the needle.



Order Reference Number Part Number

NDM-100

G03387

Supplied sterile in peel-open packages. Intended for one-time use.

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