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CareFusion
Waukegan, IL

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Soft tissue
biopsy needles



CareFusion offers a wide range of soft tissue biopsy needles that you can rely on for precise samples every time. Our proven brands such as Achieve®, Temno® and Tru-Cut® devices offer a complete selection with advanced features to obtain top-quality tissue samples quickly and efficiently. All of our devices are available in a wide range of gauge sizes and lengths to meet the technical requirements of most procedures.

The applications list on each catalog page shows the recommended soft tissue biopsy procedures for each needle in the larger purple boxes.

Breast Kidney Liver Lung Prostate Thyroid

The needles in this catalog are not recommended for bone.



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Achieve programmable automatic biopsy systems

The lightweight, automated Achieve system offers spring-loaded action for fast, accurate penetration while giving you the precise control and quality sampling capability you need. Available with or without coaxial introducer needle.

Breast Kidney Liver Lung Prostate Thyroid

Achieve coaxial biopsy systems				
	Cat. no.	Biopsy needle size	Introducer needle size	Usable length
20G	CA2011	20G x 11cm	19G x 6cm	5cm
	CA2015	20G x 15cm	19G x 10cm	9cm
	CA2020	20G x 20cm	19G x 15cm	14cm
18G	CA1811	18G x 11cm	17G x 6cm	5cm
	CA1815	18G x 15cm	17G x 10cm	9cm
	CA1820	18G x 20cm	17G x 15cm	14cm
16G	CA1611	16G x 11cm	15G x 6cm	5cm
	CA1615	16G x 15cm	15G x 10cm	9cm
	CA1620	16G x 20cm	15G x 15cm	14cm
14G	CA1411	14G x 11cm	13.5G x 6cm	5cm
	CA1415	14G x 15cm	13.5G x 10cm	9cm
	CA1420	14G x 20cm	13.5G x 15cm	14cm

For single patient use only. 5 devices per case.

Achieve biopsy needles only		
	Cat. no.	Needle size
20G	A206	20G x 6cm
	A209	20G x 9cm
	A2011	20G x 11cm
	A2015	20G x 15cm
	A2020	20G x 20cm
18G	A186	18G x 6cm
	A189	18G x 9cm
	A1811	18G x 11cm
	A1815	18G x 15cm
16G	A1820	18G x 20cm
	A166	16G x 6cm
	A169	16G x 9cm
	A1611	16G x 11cm
14G	A1615	16G x 15cm
	A1620	16G x 20cm
	A146	14G x 6cm
	A149	14G x 9cm
	A1411	14G x 11cm
	A1415	14G x 15cm
	A1420	14G x 20cm

For single patient use only. 5 devices per case.

Precision

- Two programmable firing modes:

Automatic mode

Releases cannula and stylet in rapid sequence and captures tissue sample with the push of a button

Delay mode

Releases stylet and allows time for tissue to settle in notch; user verifies and documents stylet position, repositions if necessary and activates the cutting cannula

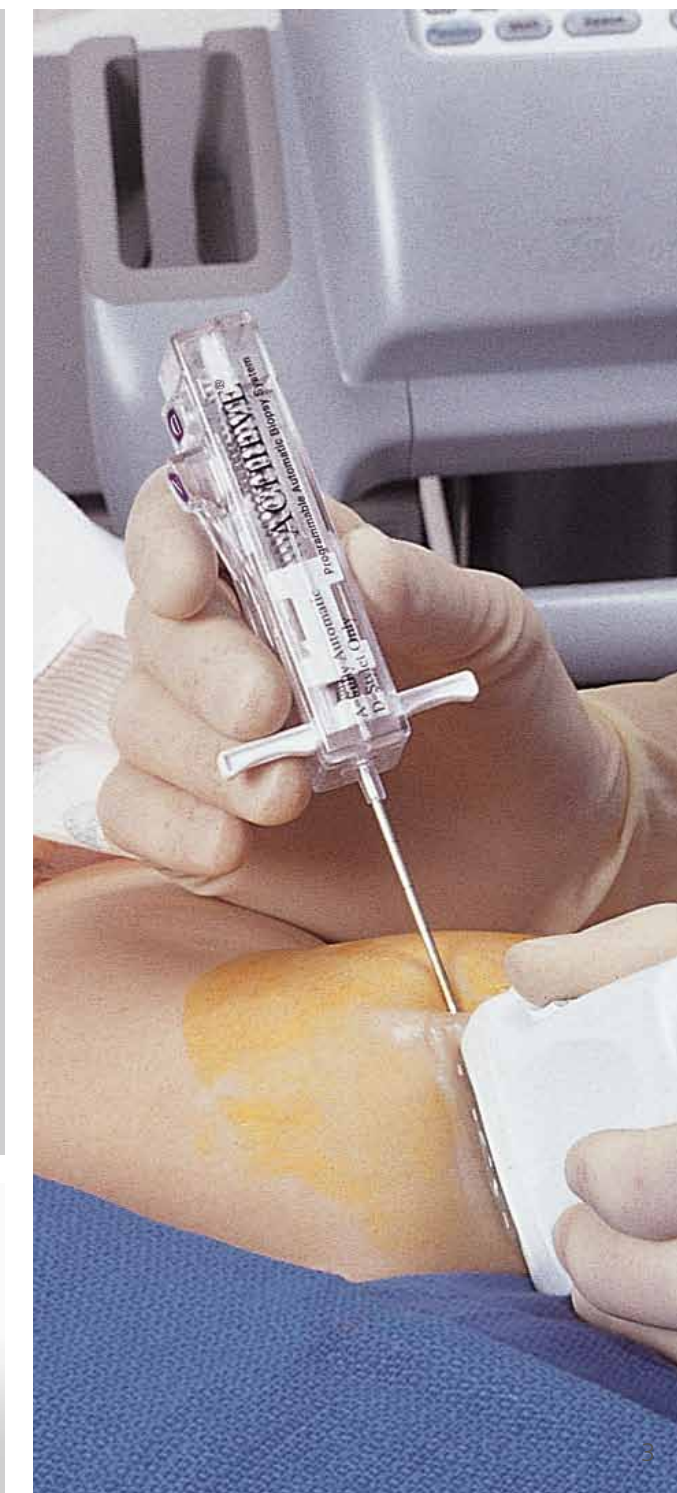
- Echogenic markings** on both stylet tip and cannula help confirm the placement of the sample notch for precise ultrasound positioning

Convenience

- 35% lighter in weight** than other automatic devices, making the system ideal for CT and ultrasound-guided procedures
- One-handed design** simplifies loading and operation and allows for convenient manipulation of guidance device (ultrasound transducer)
- Available with coaxial introducer** for multiple sampling from one percutaneous puncture with minimal damage to surrounding tissue

Quality

- 20mm sample notch** and thin-wall cannula for larger core
- Reliable sample retrieval**—reduced risk of sample loss



Temno Evolution biopsy needles

Temno Evolution biopsy devices offer many of the same features that made our original Temno biopsy needle a leading seller, while setting the standard for procedural flexibility and performance.

- Breast
- Kidney
- Liver
- Lung
- Prostate
- Thyroid

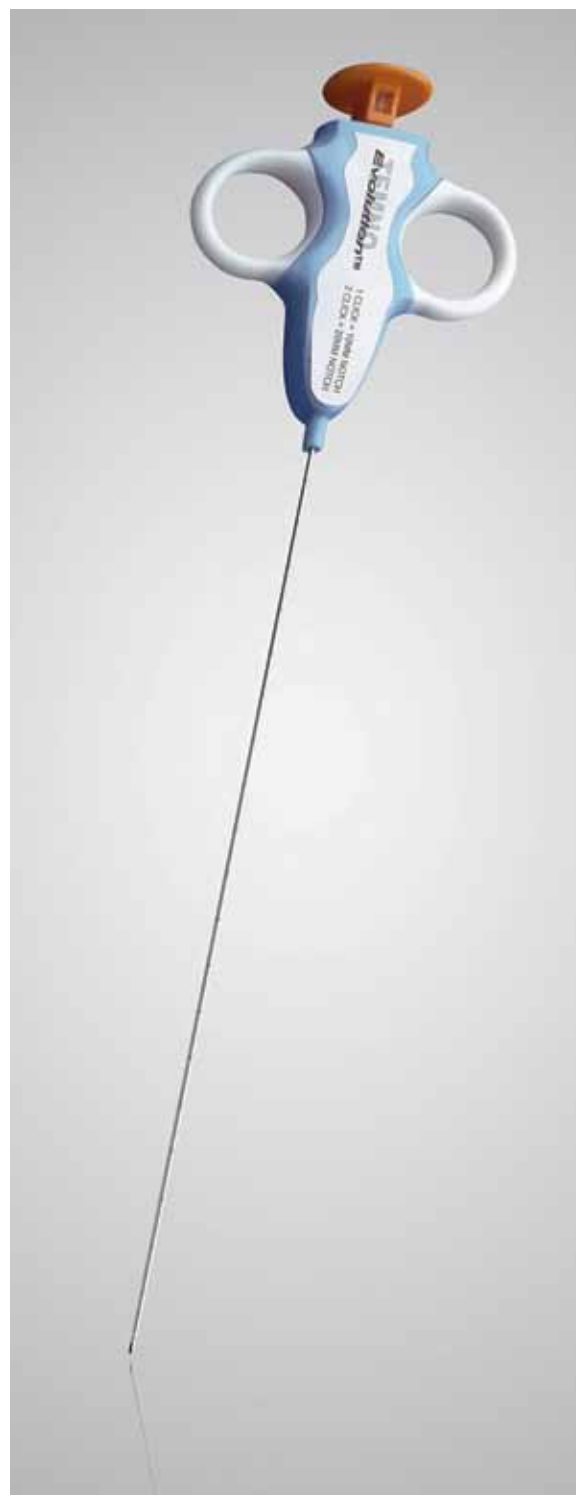
An evolution in design, a revolution in performance

- The four-bevel tip is significantly sharper (up to 54% sharper than needles with standard bevel) for quick, easy penetration
- Needle tip tracks straighter—up to 85% straighter compared to standard bevel designs, eliminating unwanted distal “drift” or “deflection”
- The compact, ergonomically—contoured body, tactile-enhanced plunger and soft, pliable finger grips provide increased comfort and allow for one-handed operation; plus, its compact, lightweight design can help reduce tissue shear

The next generation of soft tissue biopsy devices

The engineering of the firing mechanism and needle components offers a new level of precision:

- Sharp cutting edge of cannula helps assure an intact 2cm core tissue sample
- Two notch sizes—10 or 20mm—provide controlled, precise sampling for a variety of procedural situations
- Echogenic markings on cannula allow for precise ultrasound placement
- Centimeter depth markings assist in needle placement
- Available with coaxial introducer that can be used to obtain multiple samples with minimal repositioning
- Luer fitting on device enables quick connection to coaxial introducer needles

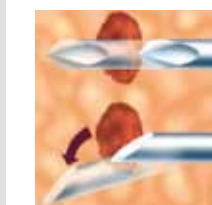


	Biopsy needle cat. no.	Biopsy needle size	Biopsy needle with introducer cat. no.	Introducer needle size
20G	TT206	20G x 6cm		
	TT2011	20G x 11cm	CTT2011	19G x 6cm
	TT2015	20G x 15cm	CTT2015	19G x 10cm
	TT2020	20G x 20cm	CTT2020	19G x 15cm
18G	TT186	18G x 6cm		
	TT1811	18G x 11cm	CTT1811	17G x 6cm
	TT1815	18G x 15cm	CTT1815	17G x 10cm
	TT1820	18G x 20cm	CTT1820	17G x 15cm
16G	TT166	16G x 6cm		
	TT1611	16G x 11cm	CTT1611	15G x 6cm
	TT1615	16G x 15cm	CTT1615	15G x 10cm
	TT1620	16G x 20cm	CTT1620	15G x 15cm
14G	TT146	14G x 6cm		
	TT1411	14G x 11cm	CTT1411	13.5G x 6cm
	TT1415	14G x 15cm	CTT1415	13.5G x 10cm
	TT1420	14G x 20cm	CTT1420	13.5G x 15cm

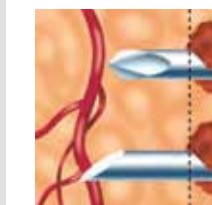
For single patient use only. 5 devices per case.



The four-sided needle bevel results in a super-sharp tip for quick, easy insertion with less trauma to organs and surrounding tissue.



Standard bevel needles can “drift” or “deflect” from their target. The revolutionary shape of the Temno Evolution needle tip keeps it on track, reducing deflection as much as 85%.



A significantly shorter needle tip (up to 29% shorter than standard bevel needles) minimizes the risk of perforating surrounding organs and vessels.

Adjustable Coaxial Temno biopsy devices (A.C.T.)

The Adjustable Coaxial Temno (A.C.T.) biopsy device combines the quality and reliability of the Temno brand with innovative, patented technology. The A.C.T. device lets you manipulate the sample notch size from 9 to 19mm for precise control with small lesions and peace of mind in vascular areas. A coaxial introducer needle is included.

Breast **Kidney** Liver Lung Prostate Thyroid

Quality samples

- Ability to reposition stylet prior to sample capture for greater confidence
- Tissue settles in notch before firing for a larger core
- 9 to 19mm fully adjustable sample notch

Ultrasound/CT imaging compatibility

- Compact, lightweight design passes through CT gantry with ease
- One-handed operation allows convenient manipulation of ultrasound transducer
- Echogenic markings on cannula for accurate ultrasound positioning
- Centimeter depth markings assist in needle placement

Coaxial introducer needle

- Allows multiple sampling from one percutaneous puncture with minimal damage to surrounding tissue
- Trocar tip maintains directional stability
- Blunt-tip cannula helps prevent inadvertent distal drift and may reduce risk of tissue trauma
- Echogenic markings facilitate precise ultrasound positioning
- Locking skin stop helps prevent forward migration
- Matched in length to cutting cannula and corresponding FNA needle (available separately) to allow seamless transition between aspiration and core needle biopsies

	Cat. no.	Biopsy needle size	Introducer needle size	Usable length
22G	ACT2211	22G x 11cm	20G x 6cm	5cm
	ACT2215	22G x 15cm	20G x 10cm	9cm
20G	ACT2011	20G x 11cm	19G x 6cm	5cm
	ACT2015	20G x 15cm	19G x 10cm	9cm
	ACT2020	20G x 20cm	19G x 15cm	14cm
18G	ACT1811	18G x 11cm	17G x 6cm	5cm
	ACT1815	18G x 15cm	17G x 10cm	9cm
	ACT1820	18G x 20cm	17G x 15cm	14cm

For single patient use only. 5 devices per case.



Temno biopsy systems

The original Temno system is easy to use, offering simplicity, reliability and precision you can count on. Available with or without coaxial introducer needle.

Breast **Kidney** Liver Lung Prostate **Thyroid**

Quality samples

- 20mm sample notch
- Lightweight, compact design may help reduce tissue shear

Ultrasound/CT imaging compatibility

- Echogenic markings on cannula help confirm placement for precise ultrasound positioning
- Centimeter depth markings assist in needle placement
- Allows a second scan with notch positioned in lesion before needle is fired
- Wide range of gauges and sizes, including 22G to 14G



	Cat. no.	Biopsy needle size	Biopsy needle with introducer cat. no.	Introducer needle size	Usable length
22G	T226	22G x 6cm			
	T229	22G x 9cm			
	T2215	22G x 15cm	CT2215	20G x 10cm	9cm
	T2220	22G x 20cm	CT2220	20G x 15cm	14cm
20G	T206	20G x 6cm			
	T209	20G x 9cm			
	T2011	20G x 11cm	CT2011	19G x 6cm	5cm
	T2015	20G x 15cm	CT2015	19G x 10cm	9cm
18G	T2020	20G x 20cm	CT2020	19G x 15cm	14cm
	T186	18G x 6cm			
	T189	18G x 9cm			
	T1811	18G x 11cm	CT1811	17G x 6cm	5cm
16G	T1815	18G x 15cm	CT1815	17G x 10cm	9cm
	T1820	18G x 20cm	CT1820	17G x 15cm	14cm
	T166	16G x 6cm			
	T169	16G x 9cm			
14G	T1611	16G x 11cm	CT1611	15G x 6cm	5cm
	T1615	16G x 15cm	CT1615	15G x 10cm	9cm
	T1620	16G x 20cm	CT1620	15G x 15cm	14cm
	T146	14G x 6cm			
14G	T149	14G x 9cm			
	T1411	14G x 11cm	CT1411	13.5G x 6cm	5cm
	T1415	14G x 15cm	CT1415	13.5G x 10cm	9cm
	T1420	14G x 20cm	CT1420	13.5G x 15cm	14cm

For single use only. 5 devices per case.

Universal coaxial introducer needles

Our thin-wall introducer needles provide a clear path that makes it easier to perform multiple needle biopsies at one site. Use with any Achieve or Temno core needle and with FNA needles.

Breast Kidney Liver Lung Prostate Thyroid

Features include:

- Positive-locking skin stop controls forward migration
- Trocar-point stylet penetrates tissue with ease for smooth, straight insertion
- Blunt-ended cannula assists in making multiple passes and may help reduce tissue trauma
- Centimeter markings and echogenic tip facilitate ultrasound-guided procedures
- Clear luer lock hub
- Introducer needle is just one gauge size larger than its compatible core tissue biopsy needle (except 20G introducers, which take 22G needle); only one-half gauge size increase for 14G core applications



Fine needle aspiration needles (FNA)

Designed for aspiration of soft tissue masses, FNA needles are available with Chiba or Franseen tip for optimum versatility. FNA needles are also available in sets with the universal coaxial introducer needle. The coaxial introducer needle facilitates multiple sampling and is compatible with Temno standard biopsy devices for histology backup.

Coaxial sets include two aspiration needles (either Chiba or Franseen) and one universal coaxial introducer needle.

Breast Kidney Liver Lung Prostate Thyroid

Features include:

- Chiba needle—with bevel tip to obtain an aspirate for cytology
- Franseen needle—with crown-point tip for samples in fibrous lesions
- Centimeter depth markings aid in accurate placement
- Clear luer lock hub for good visibility during aspirate procedures
- Positive-locking skin stop controls forward migration
- Echogenic tip enhances ultrasound visualization



	Cat. no.	Introducer needle size	Biopsy needle size	Biopsy needle cat. no. ending*
20G	PP2010	20G x 10cm	22G x 15cm	2215
	PP2015	20G x 15cm	22G x 20cm	2220
19G	PP196	19G x 6cm	20G x 11cm	2011
	PP1910	19G x 10cm	20G x 15cm	2015
	PP1915	19G x 15cm	20G x 20cm	2020
17G	PP176	17G x 6cm	18G x 11cm	1811
	PP1710	17G x 10cm	18G x 15cm	1815
	PP1715	17G x 15cm	18G x 20cm	1820
15G	PP156	15G x 6cm	16G x 11cm	1611
	PP1510A	15G x 10cm	16G x 15cm	1615
	PP1515A	15G x 15cm	16G x 20cm	1620
14G	PP1356	13.5G x 6cm	14G x 11cm	1411
	PP13510	13.5G x 10cm	14G x 15cm	1415

For single use only. 10 devices per case.
 *Order biopsy needle with cat. no. ending as specified.
 For example, introducer needle PP1910 fits Achieve needle A2015, standard Temno needle T2015 and Chiba FNA CHI2015.

Coaxial sets with Chiba needle					
Needle	Cat. no.	Biopsy needle size	Introducer needle size	Usable length	Compatible Temno needle
22G	CCH2210	22G x 10cm	20G x 5cm	4cm	
	CCS2215	22G x 15cm	20G x 5cm	4cm	
	CCH2215	22G x 15cm	20G x 10cm	9cm	T2215
	CCH2220	22G x 20cm	20G x 15cm	14cm	T2220
20G	CCH2015	20G x 15cm	19G x 10cm	9cm	T2015
	CCH2020	20G x 20cm	19G x 15cm	14cm	T2020

Coaxial sets with Franseen needle					
Needle	Cat. no.	Biopsy needle size	Introducer needle size	Usable length	Compatible Temno needle
22G	CFR2210	22G x 10cm	20G x 5cm	4cm	
	CFR2215	22G x 15cm	20G x 10cm	9cm	T2215
	CFR2220	22G x 20cm	20G x 15cm	14cm	T2220
20G	CFR2015	20G x 15cm	19G x 10cm	9cm	T2015
	CFR2020	20G x 20cm	19G x 15cm	14cm	T2020

For single use only. 5 devices per case.

Needle	Chiba needles only		Franseen needles only	
	Cat. no.	Size	Cat. no.	Size
22G	CHI225	22G x 5cm		
	CHI226	22G x 6cm		
	CHI229	22G x 9cm		
	CHI2210	22G x 10cm	FRA2210	22G x 10cm
	CHI2215	22G x 15cm	FRA2215	22G x 15cm
	CHI2220	22G x 20cm	FRA2220	22G x 20cm
20G	CHI205	20G x 5cm		
	CHI2010	20G x 10cm	FRA2010	20G x 10cm
	CHI2015	20G x 15cm	FRA2015	20G x 15cm
	CHI2020	20G x 20cm	FRA2020	20G x 20cm
18G	CHI1815	18G x 15cm	FRA1815	18G x 15cm
	CHI1820	18G x 20cm	FRA1820	18G x 20cm

For single use only. 10 devices per case.

Jamshidi Menghini biopsy systems

Jamshidi Menghini soft tissue needles are available individually or in convenient procedure trays. The components of our sterile, single-use trays are arranged in sequential order to assist in aseptic technique.

Breast Kidney **Liver** Lung Prostate Thyroid

Trays include:

- Hospital wrap
- Three povidone-iodine swab sticks (1% available iodine)
- Towel
- Fenestrated drape
- Syringe, 5cc, with 20G x 1½" needle
- Needles, 25G x 5⁄8" and 21G x 1½"
- Lidocaine hydrochloride, USP, 1%, 5mL
- Scalpel blade
- Sodium chloride, USP, 1%, 5mL
- Specimen bottle with label
- Three gauze pads
- Adhesive bandage

Note: Trays are not available in all countries, subject to import/export restrictions on medications.

	Jamshidi Menghini biopsy trays		Jamshidi Menghini biopsy needles only	
	Cat. no.	Biopsy needle size	Cat. no.	Biopsy needle size
17G	SK7017A	17G x 70mm	SN7017X	17G x 70mm
	SK1017A	17G x 100mm	SN1017X	17G x 100mm
16G	SK7016A	16G x 70mm	SN7016X	16G x 70mm
	SK1016A	16G x 100mm	SN1016X	16G x 100mm
15G	SK7015A	15G x 70mm	SN7015X	15G x 70mm
	SK1015A	15G x 100mm	SN1015X	15G x 100mm

For single use only.
10 trays per case.

For single use only.
10 devices per case.



Tru-Cut biopsy needles

The Tru-Cut biopsy needle is designed for manual capture of high-quality tissue samples with minimal trauma to the patient.

Breast **Kidney** **Liver** Lung Prostate Thyroid

Features include:

- 20mm specimen notch
- Scalpel-sharp, surgical steel cutting edge retrieves cleanly cut, high-quality specimens
- Removable stylet allows multiple sampling capability
- Thin-wall needle yields larger core
- Centimeter depth markings assist in needle placement



	Cat. no.	Size
18G	2N2711X	18G x 3"
	2N2712X	18G x 4½"
	2N2713X	18G x 6"
14G	2N2700X	14G x 3"
	2N2702X	14G x 4½"
	2N2704X	14G x 6"

For single use only. 10 devices per case.

Safe-T PLUS trays

Compliance you require. Performance you demand.

Safe-T PLUS soft tissue biopsy trays were created to help meet your safety and compliance needs for soft tissue biopsy procedures. These trays are designed to help you comply with today's safety recommendations and requirements for preventable medical error reduction, sharps safety and infection prevention, allowing you to focus on the care of your patients.



Safety components		
	4382SP	4382ASP
ChloroPrep 3mL applicator with Hi-Lite Orange tint	•	•
BD protected disposable scalpel, #11	•	•
Point-Lok needle retention safety device	•	•
NeedleVISE needle retention safety device	•	•
Filter Straw	•	•
Medication label sheet	•	•
Fine tip marker	•	•
Time-out label	•	•
Needle foam stop	•	•
Ear loop mask	•	•
BD SafetyGlide needle, 22G x 1½"	•	
BD SafetyGlide needle, 25G x 1"	•	

Standard components		
	4382SP	4382ASP
Needle, 25G x 5/8" (1.6cm)		•
Needle, 25G x 1½" (3.8cm)		•
Needle, 22G x 1½" (3.8cm)		•
Needle, 20G x 1½" (3.8cm)		•
Ruler, 6" (15cm)	•	•
Alcohol prep pad	•	•
Fenestrated drape	•	•
Towels	2	2
Luer lock syringe, 10mL	2	2
Lidocaine hydrochloride USP, 1%, 5mL	2	2
Specimen vial with caps, 10mL, numbered and calibrated	•	•
Gauze sponges, 3" x 3"	10	10
Glass microscope slides with frosted ends	10	10
Bandage	•	•

For single use only. 10 trays per case.

Standard soft tissue biopsy trays

Standard soft tissue biopsy trays are available in a variety of configurations to best suit your procedural needs. All of our trays feature:

- High-quality components specifically designed for biopsy procedures
- Components arranged in sequential order for ease of use
- Patient prepping and draping materials



Tray 4380



Tray 4382A



Tray 4382SA

Safety components

	4382SA	4382A	4380
Needle-Pro needle, 25G x 5/8" (1.6cm) with sharps protection device	•		
Needle-Pro needle, 25G x 1 1/2" (3.8cm) with sharps protection device	•		
Needle-Pro needle, 22G x 1 1/2" (3.8cm) with sharps protection device	•		
Needle-Pro needle, 20G x 1 1/2" (3.8cm) with sharps protection device	•		
Futura safety scalpel	•		
Point-Lok needle retention safety device	•		

Standard components

	4382SA	4382A	4380
Needle, 25G x 5/8" (1.6cm)		•	
Needle, 25G x 1 1/2" (3.8cm)		•	
Needle, 22G x 1 1/2" (3.8cm)		•	•
Needle, 20G x 1 1/2" (3.8cm)		•	•
Scalpel, #11		mini	•
Ruler, 6" (15cm)	•	•	•
Alcohol prep pad	•	•	
Three PVP-I swab sticks, USP, 1% available iodine	3	3	
Fenestrated drape	2	•	•
Swab sticks			2
Prep cup			•
Towels	2	2	2
Filter needle, 19G x 1 1/2" (3.8cm)	•	•	
Syringe, 3mL, with 25G x 5/8" (1.6cm) needle			•
Luer slip syringe, 5mL			•
Luer lock syringe, 10mL	2	2	
Luer lock syringe, 20mL			•
Lidocaine hydrochloride USP, 1%, 5mL	2	2	1
Specimen vial with caps, 10mL, numbered and calibrated	•	•	2
Gauze sponges, 3" x 3"	10	10	4
Glass microscope slides with frosted ends	10	10	6
Safety stop (foam needle stop)	•	•	
Lidocaine labels	2	2	
Specimen labels	2	2	
Bandage	•	•	•
Hospital wrap	•	•	•

For single use only. 10 trays per case.

Soft tissue biopsy system quick reference

							Gauges							Lengths (cm)									
		Cat. no. prefix	Sample notch (mm)	Tip	Coaxial ntroducer	Echogenic markings	22	20	19	18	17	16	15	14	3	4.5	6	9	10	11	15	20	
Automated	Achieve coaxial system	CA	20	Bevel	Yes	Stylet tip and cannula		•		•		•		•						•	•	•	
	Achieve needle	A	20	Bevel	Compatible	Stylet tip and cannula		•		•		•		•			•	•		•	•	•	
Semi-Automated	A.C.T. device*	ACT	9-19	Bevel	Yes	Cannula	•	•		•										•	•	•	
	Temno Evolution coaxial system	CTT	10 or 20	Four-sided bevel	Yes	Cannula		•		•		•		•			•			•	•	•	
	Temno Evolution system	TT	10 or 20	Four-sided bevel	Compatible	Cannula		•		•		•		•			•			•	•	•	
	Temno coaxial system*	CT	20	Bevel	Yes	Cannula	•	•		•		•		•			•	•		•	•	•	
	Temno needle*	T	20	Bevel	Compatible	Cannula	•	•		•		•		•			•	•		•	•	•	
Manual	Tru-Cut needle*	2N2	20	Bevel	No	Cannula				•				•	•	•							
	Jamshidi Menghini tray/needle	SK/SN	N/A	Tapered bevel, razor-sharp edge	No	No					•	•	•				70 mm		100 mm				
	Chiba FNA needle*	CHI	N/A	Bevel	Compatible	No	•	•		•						5	•	•	•		•	•	
	Franseen FNA needle*	FRA	N/A	Trocar	Compatible	No	•	•		•										•		•	•
	Chiba coaxial set*	CCH/CCS	N/A	Bevel	Yes	No	•	•												•		•	•
	Franseen coaxial set*	CFR	N/A	Trocar	Yes	No	•	•												•		•	•
	Universal coaxial introducer	PP	N/A	Trocar	N/A	Yes		•	•		•		•	135			•		•		•		