

TEMNO®

Soft Tissue Biopsy Devices

OBTAIN TOP-QUALITY TISSUE SAMPLES
WITH EASE AND EFFICIENCY

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Soft Tissue Biopsy Devices

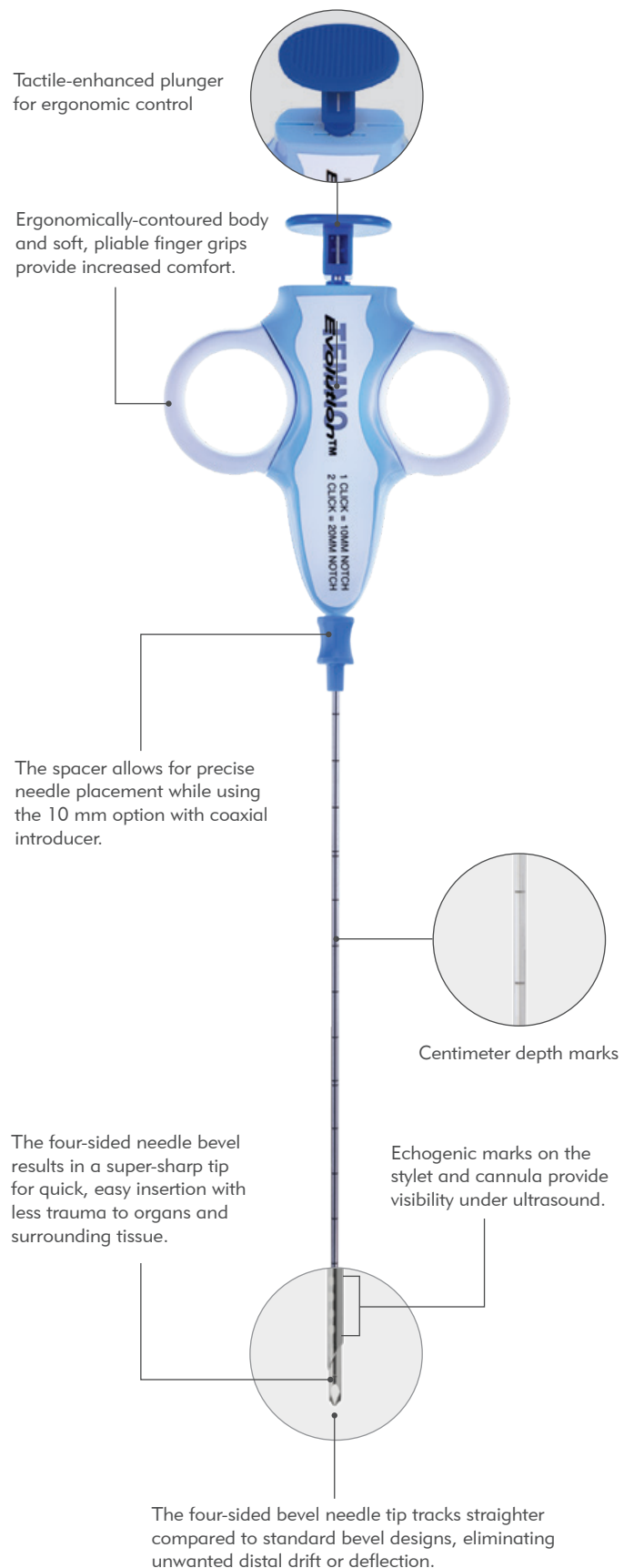
TEMNO EVOLUTION® BIOPSY DEVICE

Temno Evolution® biopsy devices offer many of the same features that made our Original Temno™ biopsy device a leading seller, while setting the standard for procedural flexibility and performance. They are available with or without a coaxial introducer needle.

- The four-bevel tip is significantly sharp for quick, easy penetration.
- The compact, lightweight design allows one-handed operation and can help reduce tissue shear.
- Two notch sizes—10 or 20 mm—provide controlled, precise sampling for a variety of procedural situations.
- A short needle tip minimizes the risk of perforating surrounding organs and vessels.

| Temno Evolution® | Biopsy Needle Cat. No. | Biopsy Needle Size | Biopsy Needle With Introducer Cat. No. | Introducer Needle Size |
|------------------|------------------------|--------------------|--|------------------------|
| 20 G ● | TT206 | 20 G x 6 cm | – | – |
| | TT2011 | 20 G x 11 cm | CTT2011 | 19 G x 6 cm |
| | TT2015 | 20 G x 15 cm | CTT2015 | 19 G x 10 cm |
| | TT2020 | 20 G x 20 cm | CTT2020 | 19 G x 15 cm |
| 18 G ● | TT186 | 18 G x 6 cm | – | – |
| | TT1811 | 18 G x 11 cm | CTT1811 | 17 G x 6 cm |
| | TT1815 | 18 G x 15 cm | CTT1815 | 17 G x 10 cm |
| | TT1820 | 18 G x 20 cm | CTT1820 | 17 G x 15 cm |
| 16 G ● | TT166 | 16 G x 6 cm | – | – |
| | TT1611 | 16 G x 11 cm | CTT1611 | 15 G x 6 cm |
| | TT1615 | 16 G x 15 cm | CTT1615 | 15 G x 10 cm |
| | TT1620 | 16 G x 20 cm | CTT1620 | 15 G x 15 cm |
| 14 G ○ | TT146 | 14 G x 6 cm | – | – |
| | TT1411 | 14 G x 11 cm | CTT1411 | 13.5 G x 6 cm |
| | TT1415 | 14 G x 15 cm | CTT1415 | 13.5 G x 10 cm |
| | TT1420 | 14 G x 20 cm | CTT1420 | 13.5 G x 15 cm |

For single use only. Five devices per case.



Merit Medical offers a wide range of reliable soft tissue biopsy needles for precise samples every time. Our proven brands, such as Achieve®, Temno® and Tru-Cut®, offer a complete selection with advanced features to obtain top-quality tissue samples with ease and efficiency.

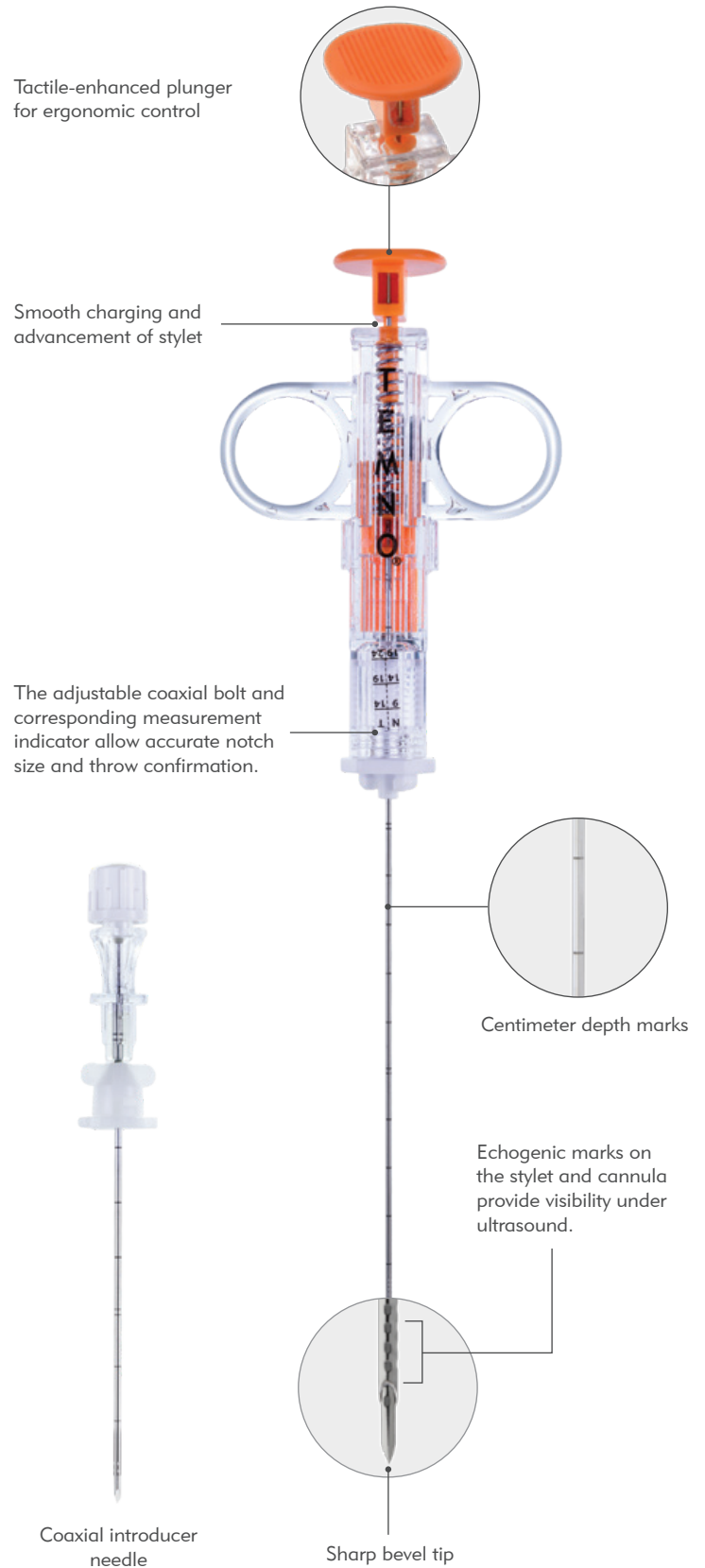
ADJUSTABLE COAXIAL TEMNO™ (ACT) BIOPSY DEVICE

The ACT biopsy device combines the quality and reliability of the Temno brand with innovative technology. The device lets you manipulate the sample notch size from 9 to 19 mm for precise control with small lesions and peace of mind in vascular areas. It includes a coaxial introducer needle.

- Compact, lightweight design passes through CT gantry with ease.
- One-handed operation allows convenient manipulation of the ultrasound transducer.
- Ability to reposition stylet prior to sample capture for greater confidence.
- Tissue settles in notch before firing for a larger core.

| ACT | Cat. No. | Biopsy Needle Size | Introducer Needle Size |
|--------|----------|--------------------|------------------------|
| 22 G ○ | ACT2211 | 22 G x 11 cm | 20 G x 6 cm |
| | ACT2215 | 22 G x 15 cm | 20 G x 10 cm |
| 20 G ● | ACT2011 | 20 G x 11 cm | 19 G x 6 cm |
| | ACT2015 | 20 G x 15 cm | 19 G x 10 cm |
| | ACT2020 | 20 G x 20 cm | 19 G x 15 cm |
| 18 G ● | ACT1811 | 18 G x 11 cm | 17 G x 6 cm |
| | ACT1815 | 18 G x 15 cm | 17 G x 10 cm |
| | ACT1820 | 18 G x 20 cm | 17 G x 15 cm |
| 14 G ○ | ACT1415 | 14 G x 15 cm | 13.5 G x 10 cm |

For single use only. Five devices per case.



TEMNO[®]

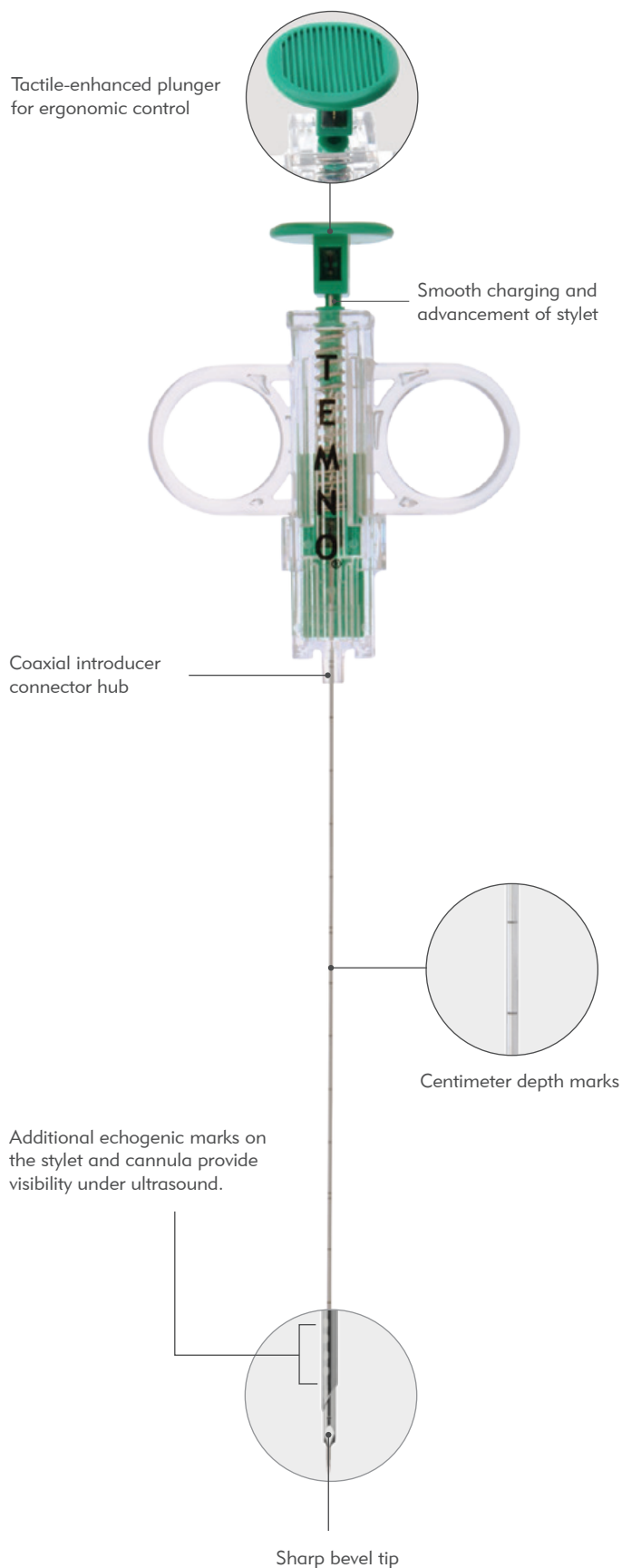
Soft Tissue Biopsy Devices

ORIGINAL TEMNO[™] BIOPSY DEVICE

The Original Temno[™] biopsy device is easy to use, offering simplicity, reliability and precision you can count on. It features a 20 mm sample notch and a lightweight, compact design. Available with or without a coaxial introducer needle.

| Original Temno [™] | Biopsy Needle Cat. No. | Biopsy Needle Size | Biopsy Needle With Introducer Cat. No. | Introducer Needle Size |
|-----------------------------|------------------------|--------------------|--|------------------------|
| 22 G ○ | T226 | 22 G x 6 cm | – | – |
| | T229 | 22 G x 9 cm | – | – |
| | T2215 | 22 G x 15 cm | CT2215 | 20 G x 10 cm |
| | – | – | CT2220 | 20 G x 15 cm |
| 20 G ● | T206 | 20 G x 6 cm | – | – |
| | T209 | 20 G x 9 cm | – | – |
| | T2011 | 20 G x 11 cm | CT2011 | 19 G x 6 cm |
| | T2015 | 20 G x 15 cm | CT2015 | 19 G x 10 cm |
| | T2020 | 20 G x 20 cm | CT2020 | 19 G x 15 cm |
| 18 G ● | T186 | 18 G x 6 cm | – | – |
| | T189 | 18 G x 9 cm | – | – |
| | T1811 | 18 G x 11 cm | CT1811 | 17 G x 6 cm |
| | T1815 | 18 G x 15 cm | CT1815 | 17 G x 10 cm |
| | T1820 | 18 G x 20 cm | CT1820 | 17 G x 15 cm |
| 16 G ● | T166 | 16 G x 6 cm | – | – |
| | T169 | 16 G x 9 cm | – | – |
| | T1611 | 16 G x 11 cm | CT1611 | 15 G x 6 cm |
| | T1615 | 16 G x 15 cm | CT1615 | 15 G x 10 cm |
| | T1620 | 16 G x 20 cm | CT1620 | 15 G x 15 cm |
| 14 G ○ | T146 | 14 G x 6 cm | – | – |
| | T149 | 14 G x 9 cm | – | – |
| | T1411 | 14 G x 11 cm | CT1411 | 13.5 G x 6 cm |
| | T1415 | 14 G x 15 cm | CT1415 | 13.5 G x 10 cm |
| | T1420 | 14 G x 20 cm | CT1420 | 13.5 G x 15 cm |

For single use only. Five devices per case.



The devices in this brochure can be used for soft tissue biopsy procedures, such as:
Breast • Kidney • Liver • Lung • Thyroid

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 them with any Achieve® or Temno core needle and with fine needle aspiration (FNA) needles.

| Coaxial Introducer Needle | Cat. No. | Introducer Needle Size | Biopsy Needle Size | Biopsy Needle Cat. No. Edning* |
|---------------------------|----------|------------------------|--------------------|--------------------------------|
| 20 G | PP206 | 20 G x 6 cm | 22 G x 11 cm | 2211 |
| | PP2010 | 20 G x 10 cm | 22 G x 15 cm | 2215 |
| | PP2015 | 20 G x 15 cm | 22 G x 20 cm | 2220 |
| 19 G | PP196 | 19 G x 6 cm | 20 G x 11 cm | 2011 |
| | PP1910 | 19 G x 10 cm | 20 G x 15 cm | 2015 |
| | PP1915 | 19 G x 15 cm | 20 G x 20 cm | 2020 |
| 17 G | PP176 | 17 G x 6 cm | 18 G x 11 cm | 1811 |
| | PP1710 | 17 G x 10 cm | 18 G x 15 cm | 1815 |
| | PP1715 | 17 G x 15 cm | 18 G x 20 cm | 1820 |
| 15 G | PP156 | 15 G x 6 cm | 16 G x 11 cm | 1611 |
| | PP1510A | 15 G x 10 cm | 16 G x 15 cm | 1615 |
| | PP1515A | 15 G x 15 cm | 16 G x 20 cm | 1620 |
| 14 G | PP1356 | 13.5 G x 6 cm | 14 G x 11 cm | 1411 |
| | PP13510 | 13.5 G x 10 cm | 14 G x 15 cm | 1415 |



Coaxial introducer needles feature:

- The positive-locking skin stop controls forward migration.
- The trocar-point stylet penetrates tissue with ease for a smooth, straight insertion.
- The blunt-ended cannula allows multiple sampling from one percutaneous puncture with minimal damage to surrounding tissue.
- The centimeter markings and echogenic tip facilitate ultrasound-guided procedures.
- A clear luer lock hub provides visibility.
- The introducer needle is just one gauge size larger than its compatible core tissue biopsy needle (except a 22 G needle uses a 20 G introducer, and a 14 G needle uses a 13.5 G introducer).
- A 10 G coaxial introducer is only available with the 12 G Pink Achieve™ needle and is not sold separately. Features include a wing grip, a trocar stylet, a bevel cannula, centimeter depth marks and a luer lock hub.

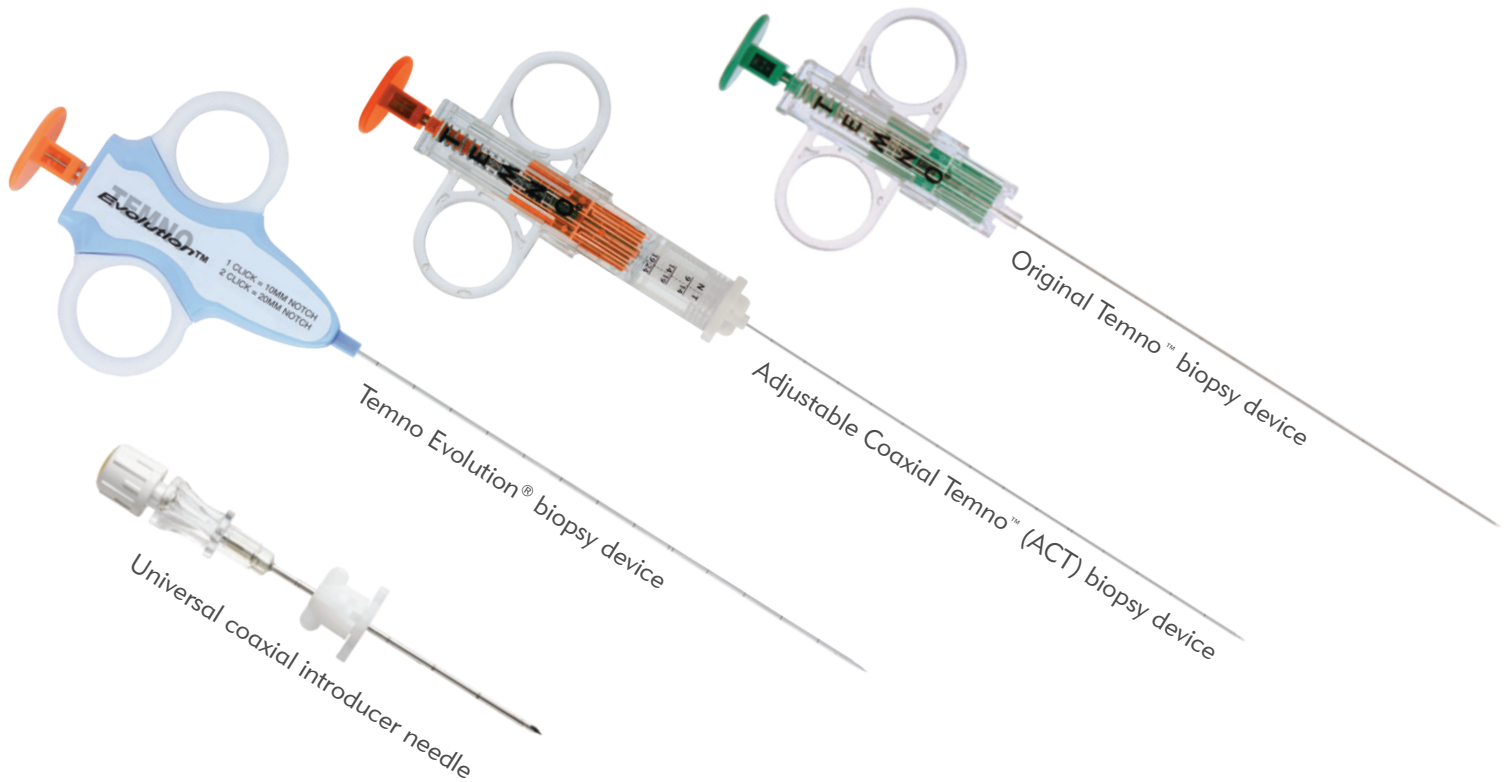


For single use only. Ten devices per case.

* 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.

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Soft Tissue Biopsy Devices



SOFT TISSUE BIOPSY DEVICES QUICK REFERENCE

| | Cat. no. Prefix | Sample notch (mm) | Throw (mm) | Coaxial Introducer | Echogenic Markings | | Tip Shape | | Gauge | | | | | | | Length (cm) | | | | | | | | | |
|-------------------------------------|-----------------|-------------------|------------|--------------------|--------------------|---------|------------------|---------|-------|----|----|----|----|----|----|-------------|----|---|---|---|----|----|----|----|----|
| | | | | | Stylet | Cannula | Stylet | Cannula | 22 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 12 | 5 | 6 | 9 | 10 | 11 | 15 | 20 | 25 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Temno Evolution® needle | TT | 10 or 20 | 12 or 21 | Compatible | Yes | Yes | Four-sided Bevel | Bevel | | • | | | • | | | | | | | | | | • | • | • |
| Temno Evolution® coaxial system | CTT | 10 or 20 | 12 or 21 | Included | Yes | Yes | Four-sided Bevel | Bevel | | • | | | • | | | | | | | | | | • | • | • |
| ACT device | ACT | 9-19 | 14-24 | Included | Yes | Yes | Bevel | Bevel | • | • | | | | | | | | | | | | | • | • | • |
| Temno® needle | T | 20 | 22 | Compatible | Yes | Yes | Bevel | Bevel | • | • | | | | | | | | | | | | | • | • | • |
| Temno® coaxial needle | CT | 20 | 20 | Included | Yes | Yes | Bevel | Bevel | • | • | | | | | | | | | | | | | • | • | • |
| Universal coaxial introducer needle | PP | N/A | N/A | N/A | No | Yes | Trocar | Blunt | • | • | | | | | | | | | | | | | • | • | |

The needles in this catalog are not intended for use in bone.

Before using refer to Instructions for Use for indications, contraindications, warnings, precautions, and directions for use



Understand. Innovate. Deliver.™

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