

PRODUCTS FOR BONE ACCESS, BIOPSY AND INFUSION

Osteo-Site® at a Glance



Access, biopsy and infuse bone with a full line of reliable, ultrasharp Osteo-Site needle sets.

When accessing bone, the most important feature of the needle is its ability to penetrate without causing trauma. Sharp needles are key. With hard bone, sharp needles can penetrate easier, and with porous bone, sharp needles keep the surrounding bone intact. Because our needles are ultrasharp, access is easier, reducing stress on needle tips that can cause them to break.

| | | Value to Clinician | Product Features |
|--|--------------------|--|---|
|  Osteo-Site® BONE BIOPSY NEEDLE SET | Choice | Two included stylets—a sharp, diamond-tipped stylet and a side-beveled stylet for minor redirection—allow procedural choice. | Outer cannula features a cutting tip; ultrasharp diamond-tipped and side-beveled stylets are both included. |
|  Osteo-Site® Murphy SIDE BEVEL BONE BIOPSY NEEDLE SET (M1M) | Maximal purchase | Angled bevels of cannula and stylet are ideal for minor redirection, grip and leverage. | Bevel on inner stylet is matched to bevel of outer cannula (match ground). |
|  Osteo-Site® Murphy DIAMOND BEVEL BONE BIOPSY NEEDLE SET (M2™) | Precision | Ultrasharp stylet and cannula combination eases access into bone. | Ultrasharp, diamond-tipped stylet is match ground to trephine tip of outer cannula. |
|  Osteo-Site® Murphy COAXIAL BONE BIOPSY NEEDLE SET (M2-S) | Versatility | Coaxial configuration allows the user to gain access, secure a biopsy sample and inject cement—all with a single access point. | High-torque, coaxial inner biopsy needle can be seamlessly introduced through the ultrasharp trephine-tipped cannula. |
|  Osteo-Site® Cervical BONE BIOPSY NEEDLE SET | Small access | Needle's small size can reduce trauma when accessing small bone area. | 15 gage beveled needle is smaller than standard bone biopsy needles. |
|  Osteo-Rx® COAXIAL CURVED BONE BIOPSY & INFUSION SET | Directional access | Curved needle allows the user to reach the entire vertebral body. | Specially curved needle allows for directional placement. |
|  Osteo-Site® Ratchet BONE BIOPSY & INFUSION NEEDLE SET | Hard bone access | Ratchet-style unidirectional drilling action and unique spade tip design allow hand-drilling into hard bone without loss of pressure or control. | Spade tip bores into bone with a ratchet-style, 360-degree turning motion in only one direction, never backward. |
|  Osteo-Site® COAXIAL BONE BIOPSY NEEDLE SET (DCBBN) | Choice | Compatible with any standard Osteo-Site outer cannula size (11 or 13 gage). | 14 and 16 gage biopsy cannula features a trephine tip to allow efficient coaxial biopsy. |




Accessory Products

Support and expand your bone access, biopsy and infusion procedures with complementary devices.

| | | Value to Clinician | Product Features |
|--|------------------|---|---|
|  Osteo-Site® COAXIAL INTRODUCER NEEDLE SET (BBCAS) | Precision | Access set allows precise placement of small-gage access needle that acts as a guide for larger Osteo-Site bone biopsy needles. | Access set features 20 gage introducer needle with removable hub, 13.5 gage tapered cannula and stiffening rod to provide access and placement guidance for Osteo-Site needles. |
|  Osteo-Site® BONE BIOPSY NEEDLE HOLDER (ONH) | Reduced exposure | Needle holder allows guidance of all Osteo-Site needles under fluoroscopy while reducing radiation exposure. | Long, nonmetallic, radiolucent plastic holder works with Osteo-Site needles. |

Additional Bone Biopsy Needle Sets

Access, biopsy and infuse bone with a diverse selection of additional reliable, ultrasharp needle sets.

| | | Value to Clinician | Product Features |
|---|---|---|---|
|  Ackermann BONE BIOPSY NEEDLE SET | Versatile, multiple biopsies | Centimeter-marked coaxial needle guide allows multiple biopsies with reduced surrounding tissue trauma. | 12 gage coaxial needle guide provides access for 18.3 and 17.1 cm, 14 gage biopsy needles, both included with obturators. |
|  Elson BONE BIOPSY NEEDLE SET | Small-gage access, multiple biopsies | Included introducer needle set provides initial access for coaxial needle guide, through which multiple biopsies can be taken with reduced surrounding-tissue trauma. | 22 gage introducer needle provides access for coaxial needle guide and 18.3 and 17.1 cm, 14 gage biopsy needles. |
|  Geremia VERTEBRAL BIOPSY NEEDLE SET | Control trauma with small-gage access for single biopsy | Included introducer needle set allows complete control of the needle assembly and access site for single biopsy. | 22 gage introducer needle, coaxial introduction cannula and cm-marked 16 gage biopsy needle work together to emphasize control of both access and biopsy. |