Biopsy Needles - Bone
Bone Marrow Biopsy - Jamshidi Type

In the Jamshidi Type Needle the integral stylet locks into the lumen of the needle preventing obstruction by debris. When the needle tip is in the desired location the stylet is removed and the sample aspirated.

The 11 gauge needle with the stylet removed may be used to take a 1.5mm approx. core of bone from tumours for typing (see also Bone Trephines).

See www.vetinst.com for further information.

WHICH BIOPSY NEEDLE?

**BONE MARROW**

<table>
<thead>
<tr>
<th>Weight</th>
<th>Needle</th>
<th>18g</th>
<th>15g/16g</th>
<th>13g</th>
<th>11g</th>
<th>8g</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;5kg</td>
<td>18g</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-15kg</td>
<td>15g/16g</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15-30kg</td>
<td>13g</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30-50kg</td>
<td>11g</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&gt;50kg</td>
<td>8g</td>
<td></td>
<td></td>
<td></td>
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</table>

**CORTICAL BONE**

<table>
<thead>
<tr>
<th>Weight</th>
<th>Needle</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;5kg</td>
<td>11g</td>
</tr>
<tr>
<td>5-15kg</td>
<td>8g</td>
</tr>
<tr>
<td>&gt;15kg trephine</td>
<td>14g</td>
</tr>
</tbody>
</table>

**SOFT TISSUE (TRUCUT)**

<table>
<thead>
<tr>
<th>Weight</th>
<th>Needle</th>
</tr>
</thead>
<tbody>
<tr>
<td>All</td>
<td>14g</td>
</tr>
</tbody>
</table>

This item may be re-used providing it is re-sterilised by either ETO or cold sterilisation. These are the original Baxter Jamshidi Needles.

**BONE MARROW BIOPSY JAMSHIDI (DISP) BAXTER**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>012504</td>
<td>Bone Marrow Biopsy Jamshidi 18g (Disp) Baxter Illinois</td>
<td>£48.50</td>
</tr>
<tr>
<td>DIN1515X</td>
<td>Bone Marrow Biopsy Jamshidi 15g (Disp) Baxter Illinois</td>
<td>£48.50</td>
</tr>
<tr>
<td>DJ4011</td>
<td>Bone Marrow Biopsy Jamshidi 11g (Disp) Baxter Illinois</td>
<td>£48.50</td>
</tr>
<tr>
<td>DJ4008</td>
<td>Bone Marrow Biopsy Jamshidi 8g (Disp) Baxter Illinois</td>
<td>£48.50</td>
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</table>

**VETERINARY INSTRUMENTATION RANGE**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMBJV18A</td>
<td>VI Jamshidi Type Disposable 18g</td>
<td>£31.50</td>
</tr>
<tr>
<td>BMBJV16</td>
<td>VI Jamshidi Type Disposable 16g</td>
<td>£31.50</td>
</tr>
<tr>
<td>BMBJV13</td>
<td>VI Jamshidi Type Disposable 13g</td>
<td>£34.00</td>
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<tr>
<td>BMBJV11</td>
<td>VI Jamshidi Type Disposable 11g</td>
<td>£36.50</td>
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<tr>
<td>BMBJV8</td>
<td>VI Jamshidi Type Disposable 8g</td>
<td>£39.00</td>
</tr>
<tr>
<td>012520</td>
<td>15g Jamshidi Type (Rocket)</td>
<td>£27.50</td>
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</tbody>
</table>

**Bone Marrow Biopsy - Klima Type**

The Klima is stainless and re-usable representing good value. The stylet is retained in position by hand. Practically, the use of the needle is not as easy as the Jamshidi Type.

**BONE MARROW BIOPSY - Klima TYPE**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>012506</td>
<td>Bone Marrow Biopsy Klima 18g (Re-use)</td>
<td>£325.00</td>
</tr>
<tr>
<td>012505</td>
<td>Bone Marrow Biopsy Klima 13g (Re-use)</td>
<td>£325.00</td>
</tr>
<tr>
<td>012519</td>
<td>Bone Marrow Biopsy Klima 11g x100mm (Re-use)</td>
<td>£325.00</td>
</tr>
<tr>
<td>012518</td>
<td>Bone Marrow Biopsy Klima 8g x100mm (Re-use)</td>
<td>£425.00</td>
</tr>
</tbody>
</table>

**Bone Marrow Biopsy - Rosenthall**

Similar to Klima. Stylet does not lock into position.

**BONE MARROW BIOPSY-ROSENTHAL**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>012509</td>
<td>Bone Marrow Biopsy Rosenthal 16g x 35mm</td>
<td>£67.50</td>
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</tbody>
</table>

**Veterinary Instrumentation Range**

**VI Type Biopsy Needle - BMBJV11**

Designed as a cost effective version of the Baxter Needles (below left), takes both marrow and core samples. Drive into a suitable site (wing of ilium, tuber ischium, proximal femur), pull back a little, withdraw stylet and aspirate. If there is no aspirate, replace stylet, push in further and repeat. Manufactured to our specification, these needles represent excellent value.

**RE-USABLE BONE MARROW BIOPSY NEEDLES**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>012506</td>
<td>Bone Marrow Biopsy Jamshidi 18g (Re-use)</td>
<td>£325.00</td>
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<tr>
<td>012505</td>
<td>Bone Marrow Biopsy Jamshidi 13g (Re-use)</td>
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<tr>
<td>012519</td>
<td>Bone Marrow Biopsy Jamshidi 11g x100mm (Re-use)</td>
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<tr>
<td>012518</td>
<td>Bone Marrow Biopsy Jamshidi 8g x100mm (Re-use)</td>
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**Bone Marrow Biopsy - Rosenthall**

Similar to Klima. Stylet does not lock into position.

**BONE MARROW BIOPSY-ROSENTHAL**

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<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>012509</td>
<td>Bone Marrow Biopsy Rosenthal 16g x 35mm</td>
<td>£67.50</td>
</tr>
</tbody>
</table>
Cortical Bone Trephine
Stainless Steel and re-usable. Used to take a core of bone for tumour typing. Retractable stylet locates Trephine until teeth begin to cut and then is retracted. Stylet is finally used to push out core. Core size 3, 4 and 6mm. Preserve in formal saline for the lab. Take multiple samples if possible.

Biopsy Needles - Soft Tissue
Tru-Cut Style
Used to sample liver, kidney and other soft tissues with minimal trauma. Takes just a small sliver of tissue. Disposable but will withstand boiling. Needle is “locked” and when released spring loaded cutting needle takes the biopsy. 14g has two stop system and can take either 10mm or 20mm samples.

Temno Evolution Biopsy Needle
The Standard Soft Tissue Biopsy Needle used by the NHS. 2 different sample sizes can be selected when pulling the plunger. One click equals a 10mm notch exposure, two clicks 20mm. Expensive but best in class.

Disposable Skin Biopsy Punch
Disposable Skin Biopsy Punch with razor sharp Stainless Steel Blade. Light weight, ribbed plastic handle for control and comfort. 4, 6 and 8mm diameters available. Supplied sterile.

Interosseus Infusion Needle 18g
Where vascular access is difficult, fluids and most drugs can be administered via this Interosseus Infusion Needle. This process is particularly useful in neonates and birds where blood vessels are very small. The most common site is the proximal femur via the trochanteric fossa. An IV catheter should be placed as soon as practical. Also used as a Small Bone Marrow Aspiration Needle in the Jamshidi Style.

Rabbit Lachrymal Duct Cannulae
Treatment of chronic eye infections in the rabbit can be very unrewarding with topical ophthalmic preparations alone. It is now accepted that flushing the large nasolachrymal duct punctum to remove accumulations of pus is an essential adjunct to the topical therapy. This procedure is usually well tolerated by the rabbit under sedation and local anaesthetic eye drops. The angle and lengths of standard ophthalmic cannula are incorrect for this procedure. Veterinary Instrumentation’s Rabbit Lachrymal Duct Cannula is designed especially for this procedure and is available in two sizes, 19 gauge and 21 gauge.

Flushing Needles
Flushing Needles have a bead or olive soldered onto the tip to minimise trauma to friable soft tissues.

Ear Flushing Needles
Often referred to as Spreulls Needles these Blunt Beaded Needles are available in 60mm and 100mm lengths with a luer hub.

Flushing Needle 21 Gauge
Suitable for tear ducts of large and medium sized dogs. Also suitable for anal gland ducts of small dogs. Ideal for flushing the urethra in the male cat prior to placement of catheter. Start with the 30mm needle and move to the 50mm and 75mm versions as urethra clears.

Rabbit Lachrymal Duct Cannulae
Treatment of chronic eye infections in the rabbit can be very unrewarding with topical ophthalmic preparations alone. It is now accepted that flushing the large nasolachrymal duct punctum to remove accumulations of pus is an essential adjunct to the topical therapy. This procedure is usually well tolerated by the rabbit under sedation and local anaesthetic eye drops. The angle and lengths of standard ophthalmic cannula are incorrect for this procedure. Veterinary Instrumentation’s Rabbit Lachrymal Duct Cannula is designed especially for this procedure and is available in two sizes, 19 gauge and 21 gauge.
Staple Remover

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NEEDLES & BIOPSY PRODUCTS

Bladder Catheters

Stainless Steel Bladder Catheter for Queens and Bitches. Blunt tip with two lateral eyes. Luer kock hubs.

<table>
<thead>
<tr>
<th>BLADDER CATHETERS</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>307126</td>
<td>Bladder Catheter Straight (Queen) 170mm</td>
<td>£25.00</td>
</tr>
<tr>
<td>307120</td>
<td>Bladder Catheter Curved (Bitch) 180mm</td>
<td>£26.00</td>
</tr>
<tr>
<td>307122</td>
<td>Bladder Catheter Curved (Bitch) 250mm</td>
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</tr>
<tr>
<td>307124</td>
<td>Bladder Catheter Curved (Bitch) 300mm</td>
<td>£28.00</td>
</tr>
</tbody>
</table>

Bladder Catheter Straight (Queen) 170mm £25.00
Bladder Catheter Curved (Bitch) 180mm £26.00
Bladder Catheter Curved (Bitch) 250mm £27.00
Bladder Catheter Curved (Bitch) 300mm £28.00

Oral Dosing Needles

Suitable for oral dosing and feeding of birds and reptiles. Available in a range of gauges from 12 to 23. Care should be taken to ensure the needles cannot be swallowed.

<table>
<thead>
<tr>
<th>ORAL DOSING NEEDLES</th>
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</thead>
<tbody>
<tr>
<td>012513</td>
<td>12g Oral Dosing Needle 200mm Curved</td>
<td>£26.50</td>
</tr>
<tr>
<td>012514</td>
<td>14g Oral Dosing Needle 125mm Curved</td>
<td>£24.00</td>
</tr>
<tr>
<td>012515</td>
<td>16g Oral Dosing Needle 75mm Straight</td>
<td>£20.00</td>
</tr>
<tr>
<td>012515C</td>
<td>16g Oral Dosing Needle 75mm Curved</td>
<td>£21.00</td>
</tr>
<tr>
<td>012515SSTR</td>
<td>16g Oral Dosing Needle 100mm Straight</td>
<td>£20.00</td>
</tr>
<tr>
<td>012516</td>
<td>18g Oral Dosing Needle 50mm Straight</td>
<td>£19.00</td>
</tr>
<tr>
<td>012516C</td>
<td>18g Oral Dosing Needle 50mm Curved</td>
<td>£19.00</td>
</tr>
<tr>
<td>012517</td>
<td>20g Oral Dosing Needle 38mm Straight</td>
<td>£18.00</td>
</tr>
<tr>
<td>012517C</td>
<td>20g Oral Dosing Needle 38mm Curved</td>
<td>£18.00</td>
</tr>
<tr>
<td>012517S</td>
<td>20g Oral Dosing Needle 25mm Straight</td>
<td>£18.00</td>
</tr>
<tr>
<td>012517CS</td>
<td>20g Oral Dosing Needle 25mm Curved</td>
<td>£18.00</td>
</tr>
<tr>
<td>012517SSTR</td>
<td>20g Oral Dosing Needle 25mm Curved</td>
<td>£18.00</td>
</tr>
<tr>
<td>012527</td>
<td>22g Oral Dosing Needle 125mm Curved</td>
<td>£18.00</td>
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<tr>
<td>012527C</td>
<td>22g Oral Dosing Needle 38mm Curved</td>
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<tr>
<td>012527CS</td>
<td>22g Oral Dosing Needle 25mm Curved</td>
<td>£18.00</td>
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<tr>
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<td>22g Oral Dosing Needle 25mm Straight</td>
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<tr>
<td>012522</td>
<td>23g Oral Dosing Needle 25mm Straight</td>
<td>£18.00</td>
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</table>

Spinal Needles

We now strongly recommend the use of disposable needles for spinal procedures. The transluscent hub allows good visualisation of the CSF.

<table>
<thead>
<tr>
<th>SPINAL NEEDLES</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>405255</td>
<td>22g x 3&quot; Spinal Needles Disposable Box of 25</td>
<td>£66.50</td>
</tr>
<tr>
<td>405254</td>
<td>22g x 1.5&quot; Spinal Needles Disposable Box of 25</td>
<td>£66.50</td>
</tr>
<tr>
<td>405253</td>
<td>20g x 3.5&quot; Spinal Needles Disposable Box of 25</td>
<td>£66.50</td>
</tr>
<tr>
<td>405252</td>
<td>20g x 3&quot; Spinal Needles Disposable Box of 25</td>
<td>£66.50</td>
</tr>
<tr>
<td>405251</td>
<td>20g x 1.5&quot; Spinal Needles Disposable Box of 25</td>
<td>£66.50</td>
</tr>
<tr>
<td>405173</td>
<td>19g x 3&quot; Spinal Needles Disposable Box of 25</td>
<td>£66.50</td>
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<td>405248</td>
<td>18g x 3.5&quot; Spinal Needles Disposable Box of 25</td>
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<td>405247</td>
<td>18g x 3&quot; Spinal Needles Disposable Box of 25</td>
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<tr>
<td>012501</td>
<td>Spinal Needle 21g Short Bevel 40mm Reusable</td>
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<tr>
<td>012502</td>
<td>Spinal Needle 21g Short Bevel 25mm Reusable</td>
<td>£12.50</td>
</tr>
<tr>
<td>012500</td>
<td>Spinal Needle 19g Short Bevel 38mm Reusable</td>
<td>£12.50</td>
</tr>
</tbody>
</table>

Skin Staplers

Aesculap Manipler Disposable Skin Stapler

Lightweight Design
High Quality Construction
Consistent reliable performance
Slim Grip Design
Unique Angled Head
Allows the surgeon to see the incision as well as closing it
Flexible Placement Angle
Allows choice of staple depth
Economical
36 Staples

<table>
<thead>
<tr>
<th>MANIPLER SKIN STAPLER</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>783100</td>
<td>Manipler Skin Stapler</td>
<td>£11.95</td>
</tr>
<tr>
<td>783101</td>
<td>Manipler Skin Stapler 12 units for the price of 10</td>
<td>£119.50</td>
</tr>
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</table>

Surgi-close Autoclavable Skin Staplers

The Surgi-close Autoclavable Skin Stapler has now been discontinued, however replacement Staple Cartridges are still available.

<table>
<thead>
<tr>
<th>SURGI-CLOSE SKIN STAPLERS</th>
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</thead>
<tbody>
<tr>
<td>012543</td>
<td>Staple Cartridge with 20 Sterile Staples (24 pack)</td>
<td>£155.00</td>
</tr>
<tr>
<td>012542</td>
<td>Staple Cartridge with 20 Sterile Staples (36 pack)</td>
<td>£185.00</td>
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</table>

Staple Remover

Universal Staple Remover

<table>
<thead>
<tr>
<th>STAPLE REMOVER</th>
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<tbody>
<tr>
<td>012544</td>
<td>Staple Remover</td>
<td>£8.50</td>
</tr>
</tbody>
</table>
**Suture Needles**

The Needles are manufactured from high grade Stainless Steel and undergo a rigorous quality control procedure to ensure a high standard of sharpness, rigidity, durability and presentation. The Needles are hand honed for added sharpness to ensure a smooth, less traumatic passage through the tissue. All Needles supplied non-sterile in packs of 12.

### Regular Curved

- **Order code NRC followed by needle size e.g. NRC1 is regular curved needle 80mm. Please also specify round or triangular.**

### Regular Half-Curved

- **Order code is NRHC followed by needle size e.g. NRHC20 is regular half curved needle 23mm. Please also specify round or triangular.**
Regular Straight

Order code NRS followed by needle size e.g. NRS8 is regular straight needle 50mm. Please also specify round or triangular.

Regular Half-Circle

Order code NRHCi followed by needle size e.g. NRHCi10 is regular half circle needle 43mm. Please also specify round or triangular.

Suture Needle Holder Spring Loaded