A *simply safer* way of removing and containing blades and suture needles in operating rooms.

Minimize the risk of unacceptable sharps injuries by safe containment of used needles, as well as, removing, containing, and disposing of used scalpel blades with an easy-to-use single-handed scalpel blade remover.
A simply safer way to stay focused on your job.

BladeNeedleSYSTEM provides a simply safer way to remove and contain used scalpel blades and suture needles in sterile environments. BladeNeedleSYSTEM replaces the two-handed built-in blade remover of the existing needle counters with the world-first single-handed scalpel blade remover to prevent the dangerous injuries commonly caused by removing blades with fingers, forceps or re-sheathing techniques.

Continue to use the best tool for your job.

Surgeons prefer the balance, weight and ergonomics of a reusable metal scalpel but removing used blades manually in operating rooms compromises staff safety.

Built-in blade removers in existing needle counters are not the answer as they require two-handed activation and frequently are non-functional. BladeNeedleSYSTEM provides the solution by integrating the easy-to-use, single-handed blade remover with the needle counter.

Minimize risks of injury and infection

Sharps injuries are a serious occupational hazard in healthcare settings. While needle stick injuries are the most common type of injuries, scalpel cuts are more severe. Use of a needle counter for safe containment of needles, as well as, the single-handed technique for removing blades minimizes the risk of injury in sterile fields.

- 8-11% of sharps injuries are caused by scalpel blades.¹²
- There are 662 scalpel injuries per 100,000 scalpel blades used, and 3.2 syringe and loose needle incidences per 100,000 disposable syringes and loose needles used.³

The alarmingly common scalpel injuries cause pain, emotional distress, potentially fatal infections, and damage to digital nerves, arteries or tendons requiring microsurgery and extensive rehabilitation. BladeNeedleSYSTEM dramatically reduces the risk of scalpel blade injuries in operating theatres.

Devices Involved in Percutaneous Injuries¹

- Solid sharp (38%)
- Suture Needle (20%)
- Scalpel (8%)
- Other (10%)
- Other/unrelated (4%)
- Hollow-bore needle (56%)
- Glass (2%)

Incidence per 100,000 devices used³

<table>
<thead>
<tr>
<th>Incidence Type</th>
<th>Number of Incidences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scalpel injuries</td>
<td>662</td>
</tr>
<tr>
<td>Syringe and needle injuries</td>
<td>3.2</td>
</tr>
</tbody>
</table>

**BladeNeedleSYSTEM**

**Blade Remover | Needle Counter**

**Remove and contain blades safely with one hand ONLY**

Contaminated scalpels and needles lying around on the mayo table increase the risk of exposure to sharps injury and life-threatening infection. Use of a needle counter for safe containment of needles can minimize the risk of needlestick injury in the sterile field. However, built-in blade removers in existing needle counters are not safe, as they require two-handed activation and frequently malfunction. The sterile BladeNeedleSYSTEM enables single-handed removal and containment of used scalpel blades for safe disposal immediately after use, reducing the risk of scalpel injuries.

**Improve staff and patient safety**

With the single-use scalpel blade removing cartridge in the BladeNeedleSYSTEM, you can now change blades in the sterile field. Simply ‘push and click’ to remove and contain used scalpel blades using one hand only.

- **IMPROVE PATIENT SAFETY** by enabling surgeons to use ergonomic precision metal scalpel handles.
- **IMPROVE STAFF SAFETY** by ensuring the used scalpel blades are removed with a safe single-handed technique, and needles are safely contained until final disposal.

**OSHA updates**

OSHA in an update on December 22nd, 2005 stated:

"... if the use of a particular engineering control, in this case a safety scalpel, compromises patient safety, its use would not be considered feasible... blade removal must be accomplished through the use of a mechanical device or one handed technique... The use of a single-handed scalpel blade remover meets these criteria..."

**Ensure team safety and satisfaction**

According to EPINet data in 2001, percutaneous injury rates show that nurses are most at risk (43.6%) of sustaining sharps injuries. With BladeNeedleSYSTEM, surgeons use their preferred traditional metal scalpel handle while nurses and surgical technologists are protected.

**Cost effective**

BladeNeedleSYSTEM is the first single-handed scalpel blade remover that works properly in a needle counter. With BladeNeedleSYSTEM, you pay for the single-handed blade remover and get the needle counter for less than half of the usual price. In addition, you protect yourself from sharps injuries. An uncomplicated injury costs $2000-5000, and a complicated one in excess of $100,000.
Specifications

<table>
<thead>
<tr>
<th>Product code</th>
<th>QBNS202S</th>
</tr>
</thead>
<tbody>
<tr>
<td>GMDN code</td>
<td>46236</td>
</tr>
<tr>
<td>Blade capacity</td>
<td>2 cartridges in the unit - each cartridge removes 1 (one) blade.</td>
</tr>
</tbody>
</table>

Compatible Blades & Handles

| Handles: #3, 3L, 4, 4L, 5, 7, 9, baron, cylindrical. |
| Blades: #10, 10a, 11, 11P, 12, 14, 15, 15a, 16, 19, 20, 21, 22, 22a, 23, 24, 25, 25a, 27, 36, 6, 9, E11, Sabre D/15. |

Incompatible Blades & Handles

| Beaver handle, Disposable handles |

Size (per unit)

| Closed: |
| Length 11.7cm |
| Width 6.6cm |
| Height 3.9cm |
| Open**: |
| Length 11.7cm |
| Width 12.7cm |
| Height 8.7cm |

Weight (per unit) 51g

Material

| Needle counter box: High Impact Polystyrene |
| Cartridges: Borealis Polypropylene (PP) |

Latex No
DEHP No
Sterile Yes
Sterilisation method Gamma radiation
Re-usable No, each cartridge removes 1 (one) blade before disposal.
Disposal method After the blade and needle counts have been performed, the needle counter and cartridges are disposed of separately as medical wastes in a sharps container.

Regulatory approvals

| Australia - Listed under TGA ARTG NO: 208058 |
| USA - FDA listed |

How To Use

** PREPARE **

1. Peel the double sided tapes, open and stick the BladeNeedleSYSTEM down.

2. To remove a used scalpel blade, take a cartridge and place it inside the round holder.

** ACTIVATE **

3. Using one hand, slide tip of scalpel into cartridge.

4. TILT UP to 90° then push down.

** SAFE TO USE TWO HANDS **

5. Remove cartridge from the round holder.

6. Pull out scalpel handle.

7. Ready for counting and later disposal in sharps bin.

* Most brands will work with Qlicksmart BladeNeedleSYSTEM
** Open box with cartridge standing in the holder