

BladeNeedleSYSTEM

Blade Remover | Needle Counter

BladeCASSETTE

3in1 | Blade Remover

BladeSINGLE

One | Blade Remover



QLICKSMART®
Simply safer

A *simply safer* way of removing blades in operating rooms.

Remove, contain and dispose of used blades without the unacceptable sharps injury risk of two-handed removal techniques involving fingers, forceps or re-sheathing.

The surgeons have their preferred steel handles and the nurses are protected.



The essentials of team safety

A simply safer way to stay focused on your job.

Clicksmart Sterile Blade Removers provide a *simply safer way* to remove and contain used scalpel blades in sterile operating environments. These world-first single-handed scalpel blade removers 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.



Most surgeons prefer the balance, weight and ergonomics of a reusable steel scalpel but removing used blades manually compromises staff safety.

Filmy disposable plastic scalpels are not the answer because they are harder to use, too light to balance, too cumbersome to use, obstruct the line of sight and get entangled with the tissues. It's like eating dinner your with a plastic knife and fork.

Make compliance a practical reality

Research shows that when a single-handed scalpel blade remover is combined with a hands free passing technique (HFPT) it is up to five times safer than a safety scalpel.⁴

Clicksmart Sterile Blade Removers meet these essential safety standards:

- OSHA Bloodborne Pathogen Standard *1910.1030*
- Australian/New Zealand Standard *AS/NZS 3825:1998*
- European Directive *2010/32/EU*
- CE compliant

These essential safety solutions make compliance a practical reality and dramatically reduce injury costs. Healthcare workers in the United States alone report between 600,000 and 1 million sharps injuries per year. Many more go unreported.⁵ Occupational health and safety regulations worldwide are responding.

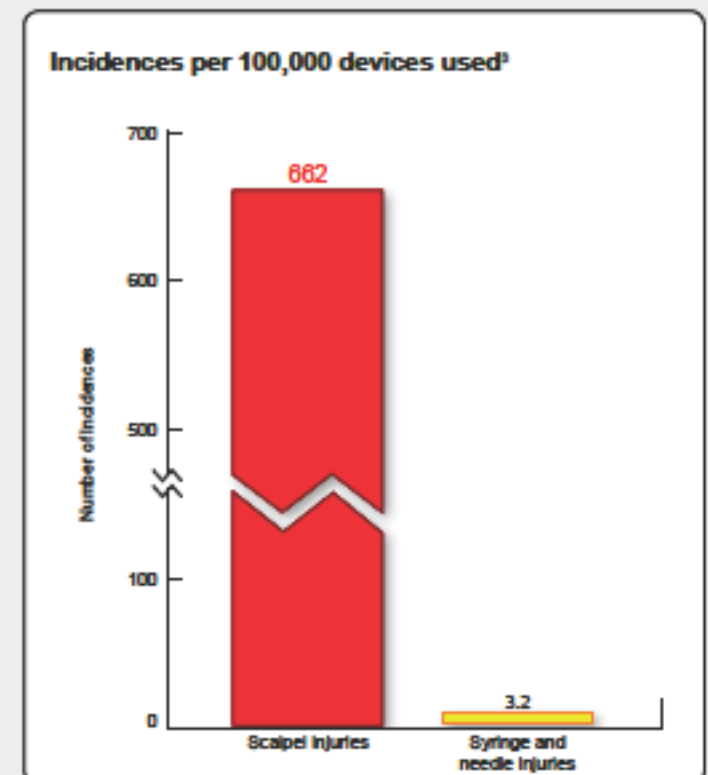
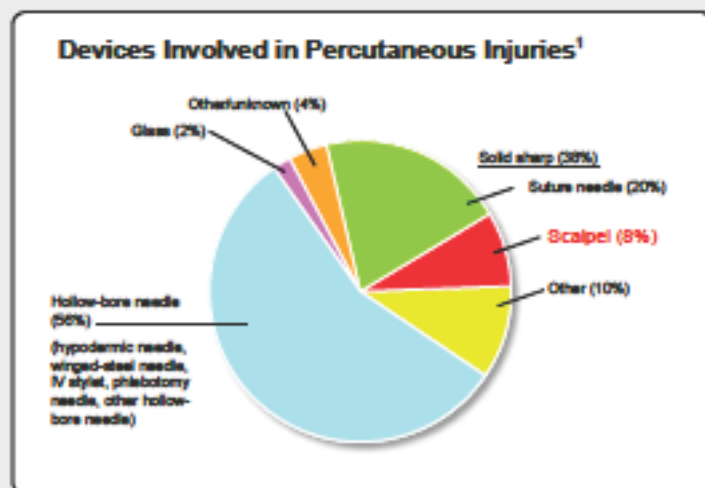
Sterile Blade Removers ensure optimal safety based on speed and convenience for the end-user, ergonomic simplicity and passive, automatic and single-handed safety principles.

Minimize risks of injury and infection

Sharps Injuries are a serious occupational hazard in healthcare settings. Scalpel cuts are not only more severe than needle stick injuries, they are also more likely to happen. The single-handed technique of removing blades minimizes your risk.

- 8-11% of sharps injuries are caused by scalpel blades.^{1,2}
- There are 662 scalpel injuries per 100,000 scalpel blades used, compared to 3.2 syringe and loose needle incidences per 100,000 disposable syringes and loose needles used.³ Scalpel injury rates are 200 times higher than sharps injuries involving syringes.

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



1. CDC (Centre for Disease Control and Prevention) Sharps Injury Prevention Workbook 2006.* from <http://www.cdc.gov/SharpsSafety/index.html>
2. Jagger, J., M. Bentley, et al. (1998) "A study of patterns and prevention of blood exposures in OR personnel." AORN Journal 67(5): 979-81, 983-4, 986-7 passim.
3. Eisenstein, H. C. and D.A. Smith (1992). "Epidemiology of reported sharps injuries in a tertiary care hospital." J Hosp Infect 20(4): 271-80.
4. Fuentes et al. (2008) "Scalpel Safety": Modeling the effectiveness of different safety devices' ability to reduce scalpel blade injuries." The International Journal of Risk & Safety in Medicine 20(1-2):85-88.
5. Nelson, K. (2002) "States begin passing sharps and needle-stick legislation to protect health care workers." AORN Journal 72(4): 699-703, 705-7.

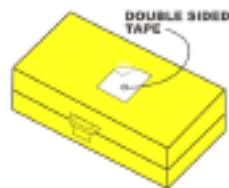
BladeNeedleSYSTEM

Blade Remover | Needle Counter

PREPARE

USING TWO HANDS:

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



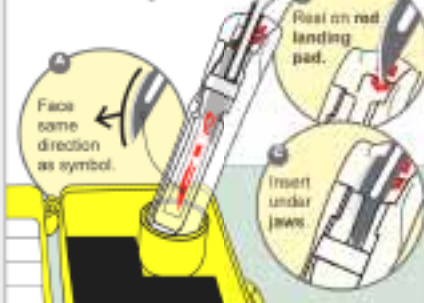
2. To remove a used scalpel blade, take a cartridge and place it inside the round holder.



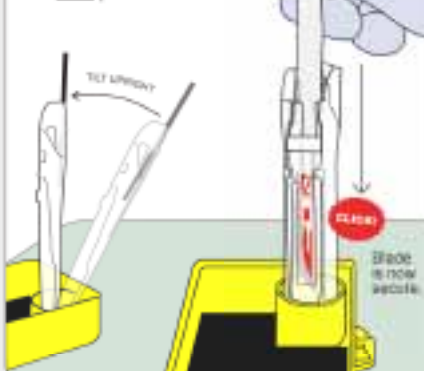
ACTIVATE

SINGLE HANDED:

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



4. TILT UP to 90° then push down.



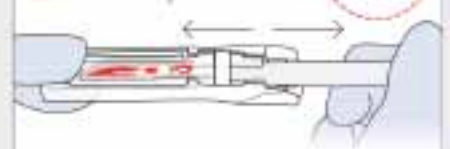
5. Remove cartridge from the round holder.



SAFE

TO USE TWO HANDS:

6. Pull out scalpel handle.



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



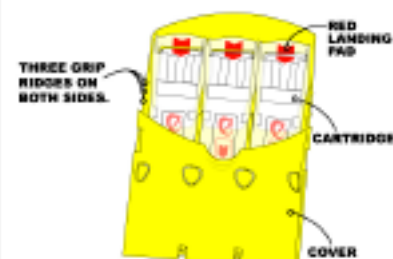
BladeCASSETTE

3in1 | Blade Remover

PREPARE

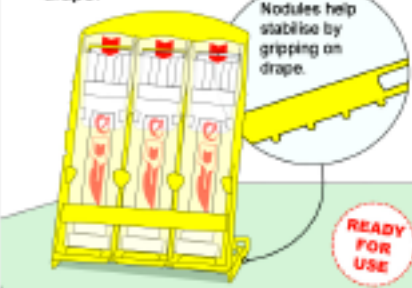
USING TWO HANDS:

1. Squeeze the grip ridges on the side of the cassette to release the cover.



2. Fold the cover back and lock in place.

3. Place on drape.



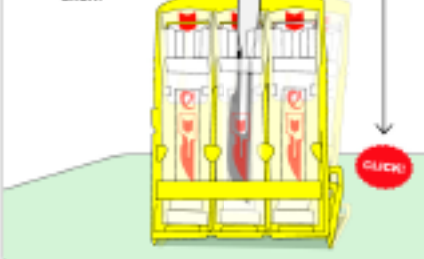
ACTIVATE

SINGLE HANDED:

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



6. TILT UP to 90° then push down until you hear a click.



SAFE

TO USE TWO HANDS:

7. Brace the BladeCASSETTE with your free hand and pull out scalpel handle.



8. If necessary, repeat the same procedure to fill the remaining cartridges.

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



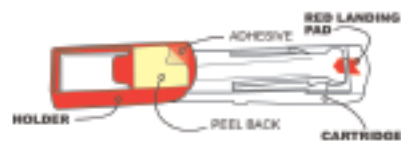
BladeSINGLE

One | Blade Remover

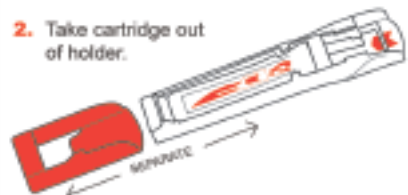
PREPARE

USING TWO HANDS:

1. Peel to reveal adhesive.



2. Take cartridge out of holder.



3. Fasten holder to drape or flat surface.



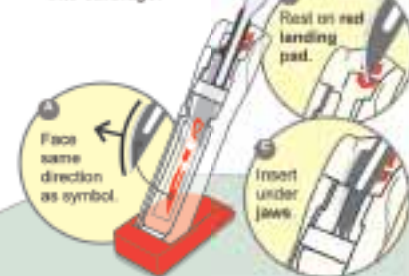
4. Stand in holder.



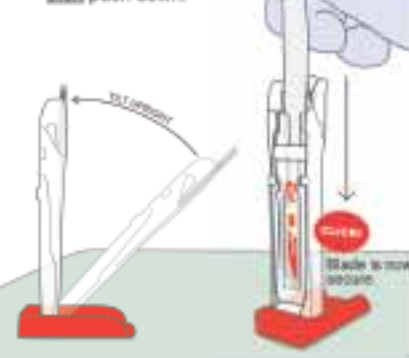
ACTIVATE

SINGLE HANDED:

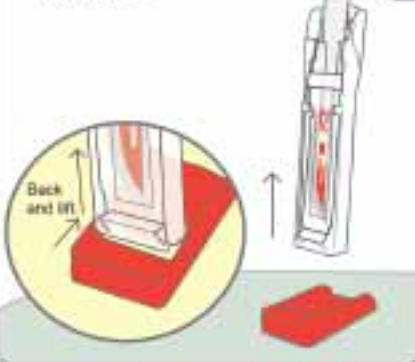
5. Using one hand, slide tip of scalpel into cartridge.



6. TILT UP then push down.



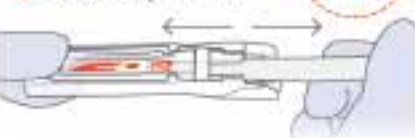
7. Remove cartridge from holder.



SAFE

TO USE TWO HANDS:

8. Pull out scalpel handle.



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



Specifications

| Product | BladeNeedleSYSTEM | | BladeCASSETTE | | BladeSINGLE | |
|------------------------------|---|--|---|---|---|--|
| Product code | QBNS2028 | | QBSVCAS-3 | | QSB501 | |
| GMDN code | 46236 | | 46236 | | 46236 | |
| Blade capacity | 2 cartridges - Each cartridge removes 1 blade. | | 3 blades - Each unit removes 3 blades. | | 1 blade - Each unit cartridge removes 1 blade. | |
| Compatible Blades & Handles* | Handles: #3, 3L, 4, 4L, 5, 7, 9, baron, Lawton long handle, cylindrical handle Blades: #10, 10a, 11, 11P, 12, 14, 15, 15a, 15c, 16, 19, 20, 21, 22, 22a, 23, 24, 25, 25a, 27, 36, 6, 9, E11, Sabre D/15. | | Handles: #3, 3L, 4, 4L, 5, 7, 9, baron, Lawton long handle, cylindrical handle Blades: #10, 10a, 11, 11P, 12, 14, 15, 15a, 15c, 16, 19, 20, 21, 22, 22a, 23, 24, 25, 25a, 27, 36, 6, 9, E11, Sabre D/15. | | Handles: #3, 3L, 4, 4L, 5, 7, 9, baron, Lawton long handle, cylindrical handle Blades: #10, 10a, 11, 11P, 12, 14, 15, 15a, 15c, 16, 19, 20, 21, 22, 22a, 23, 24, 25, 25a, 27, 36, 6, 9, E11, Sabre D/15. | |
| Incompatible Handles | Beaver handle, Disposable handles | | Beaver handle, Disposable 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 | Folded: Length 11cm Width 5.7cm Thickness 0.9cm | Standing: Length 7.3cm Width 5.7cm Height 10cm | Folded: Length 9.3cm Width 2.2cm Thickness 0.9cm | Standing: Length 7.3cm Width 2.2cm Height 9.3cm |
| Weight (per unit) | 51g | | < 50g | | < 10g | |
| Material | Needle counter box: High Impact Polystyrene Cartridges: Borealis Polypropylene (PP) | | Borealis polypropylene (PP) | | Borealis polypropylene (PP) | |
| Latex | No | | No | | No | |
| DEHP | No | | No | | No | |
| Sterile | Yes | | Yes | | Yes | |
| Sterilization Method | Gamma radiation | | Gamma radiation | | Gamma radiation | |
| Reusable | No, each cartridge removes 1 blade before disposal. | | No, each unit removes up to 3 blades before disposal. | | No, each unit removes 1 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. | | After the blade count has been performed, the whole BladeCASSETTE set is disposed of as medical waste in a sharps container. | | After the blade count has been performed, the whole BladeSINGLE is disposed of as medical waste in a sharps container. | |
| Regulatory Approvals | Australia - Listed under TGA ARTG NO: 208058 USA - FDA listed Europe - Class I Sterile medical device under Council Directive 93/42/EEC and CE marked | | Australia - Listed under TGA ARTG NO: 134623 USA - FDA listed Europe - Class I Sterile medical device under Council Directive 93/42/EEC and CE marked | | Australia - Listed under TGA ARTG NO: 134623 USA - FDA listed Europe - Class I Sterile medical device under Council Directive 93/42/EEC and CE marked | |

* Most brands will work with QlickSmart Blade Removers

** Open box with cartridge standing in the holder