

# BladeNeedleSYSTEM

Blade Remover | Needle Counter

## BladeCASSETTE

3in1 | Blade Remover

## BladeSINGLE

One | Blade Remover



## 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.

**Qlicksmart 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.

Flimsy 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 with a plastic knife and fork.

NO MORE  
PLASTIC  
SCALPELS



## 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.<sup>4</sup>

Qlicksmart 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.<sup>5</sup> 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.



## Minimise risks of injury and infection

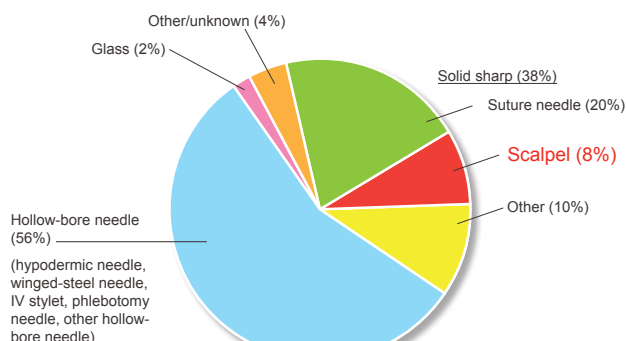
Sharps injuries are a serious occupational hazard in healthcare settings. Scalpel cuts are not only more severe than needle stick injuries, they are also more likely to happen. The single-handed technique of removing blades minimizes your risk.

- 8-11% of sharps injuries are caused by scalpel blades.<sup>1,2</sup>
- 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.<sup>3</sup> Scalpel injury rates are 200 times higher than sharps injuries involving syringes.

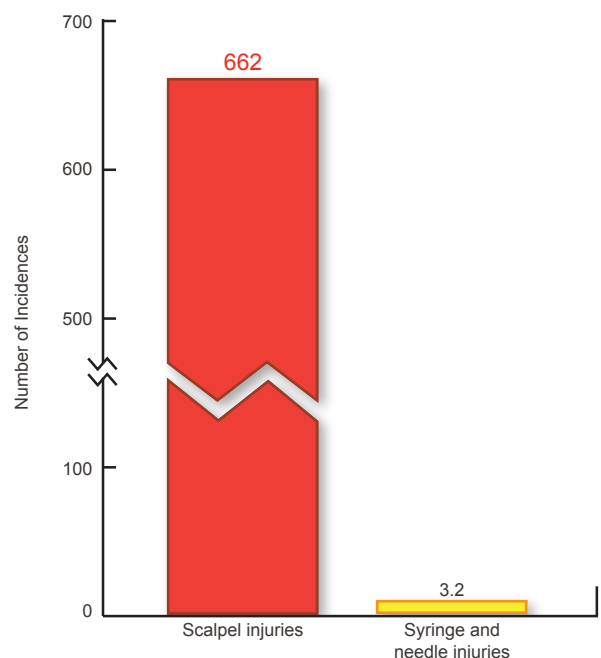
These alarmingly common scalpel injuries cause pain, emotional distress, potentially fatal infections, and damage to digital nerves, arteries or tendons requiring microsurgery and extensive rehabilitation. Sterile Blade Removers dramatically reduce the risk of scalpel blade injuries in operating theatres.



### Devices Involved in Percutaneous Injuries<sup>1</sup>



### Incidences per 100,000 devices used<sup>3</sup>



1. "CDC (Centre for Disease Control and Prevention) Sharps Injury Prevention Workbook 2008." from <http://www.cdc.gov/SharpsSafety/index.html>

2. Jaggar, 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):83-89.

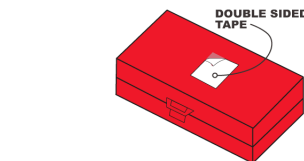
5. Matson, K. (2000) "States begin passing sharps and needle-stick legislation to protect health care workers." AORN Journal 72(4): 699-703, 705-7.

# BladeNeedleSYSTEM

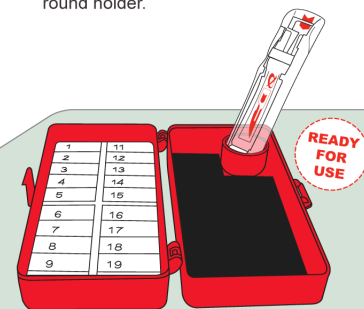
Blade Remover | Needle Counter

## PREPARE USING TWO HANDS:

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

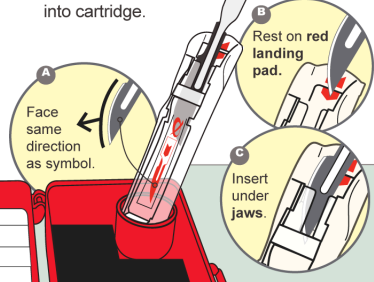


2. To remove a used scalpel blade, take a cartridge and place it inside the round holder.

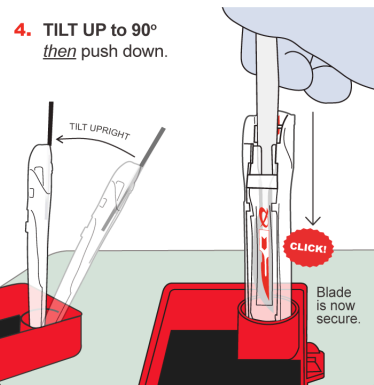


## ACTIVATE SINGLE HANDED:

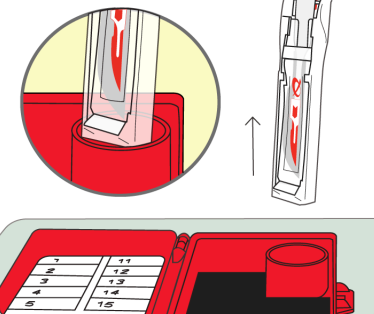
3. Using one hand, slide tip of scalpel into cartridge.



4. TILT UP to 90° then push down.

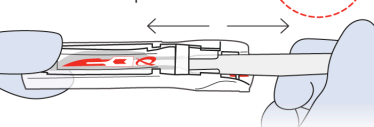


5. Remove cartridge from the round holder.



## SAFE TO USE TWO HANDS:

6. Pull out scalpel handle.



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

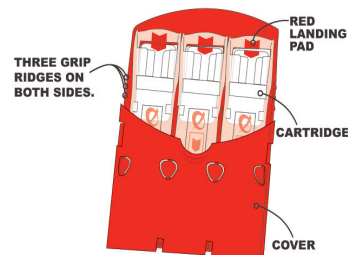


# BladeCASSETTE

3in1 | Blade Remover

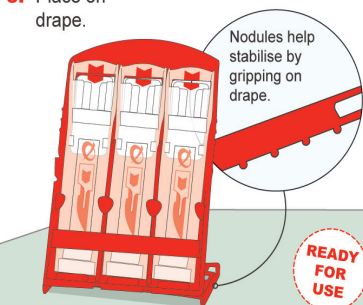
## PREPARE USING TWO HANDS:

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



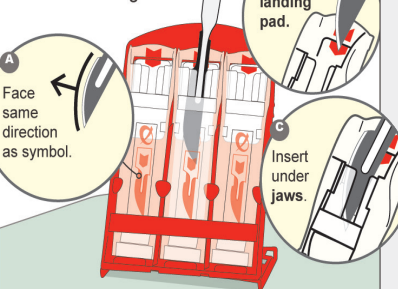
2. Fold the cover back and lock in place.

3. Place on drape.

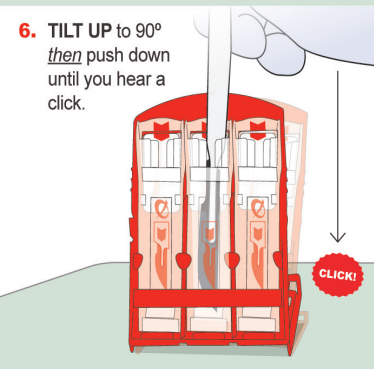


## ACTIVATE SINGLE HANDED:

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

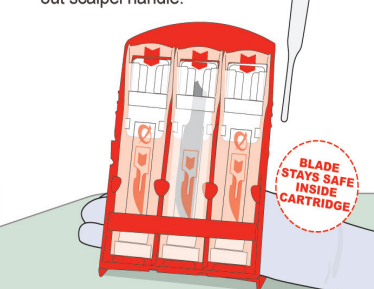


6. TILT UP to 90° then push down until you hear a click.



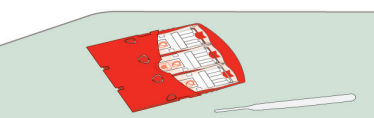
## SAFE TO USE TWO HANDS:

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



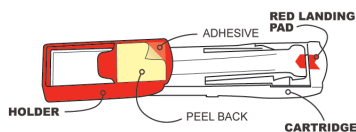
8. If necessary, repeat the same procedure to fill the remaining cartridges.

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

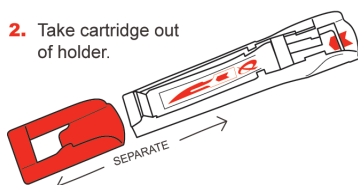


## PREPARE USING TWO HANDS:

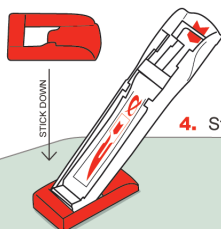
1. Peel to reveal adhesive.



2. Take cartridge out of holder.



3. Fasten holder to drape or flat surface.

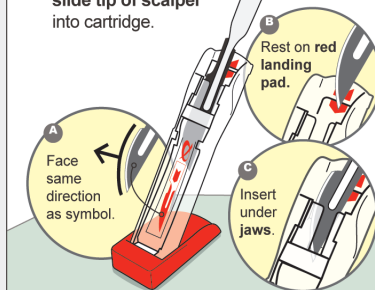


4. Stand in holder.

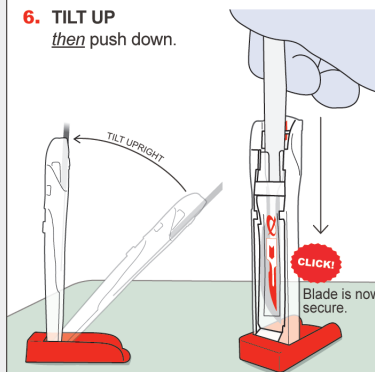
READY FOR USE

## ACTIVATE SINGLE HANDED:

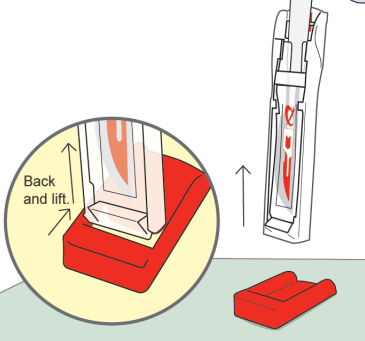
5. Using one hand, slide tip of scalpel into cartridge.



6. TILT UP then push down.

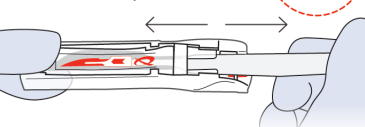


7. Remove cartridge from holder.



## 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	QBNS202S		QSSVCAS-3		QSBS01	
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 Blades & 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	USA - FDA listed		USA - FDA listed		USA - FDA listed	

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