

Sharpsmart:

Impact on Sharps Injuries

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“The use of the Daniels Sharpsmart sharps management system resulted in a significant reduction in Total SI, Non-Container Related SI and Container Related SI in the acute care hospitals studied. This is the first time in world literature that a sharps containment system has brought about such SI reductions in all three parameters. It is postulated that the Sharpsmart system’s advanced safety features, high profile, multiple mounting options, correct placement, and institution-wide education brought about behavioural change through an ecosystemic effect. The Sharpsmart sharps management system offers a cost-effective means of significantly reducing Sharps Injuries.” - Authors

What was the study?

This Before-After intervention study **‘Sharps Injury Reduction Using Sharpsmart - A Reusable Sharps Management System’** involved 8 acute care hospitals ranging in size from 150 to 850 beds in Australia, New Zealand and Scotland. The study was carried out to determine the effect on Sharps Injuries (SI) following the introduction of the Daniels Sharpsmart reusable containment system.

What were the results?

When compared to 10 alternate sharps container brands, the Daniels Sharpsmart sharps management system proved significant reductions in SI:

- Total SI reduced by 32.6%
- Container Related SI reduced by 86.6%
- Non Container Related SI reduced by 25.7%

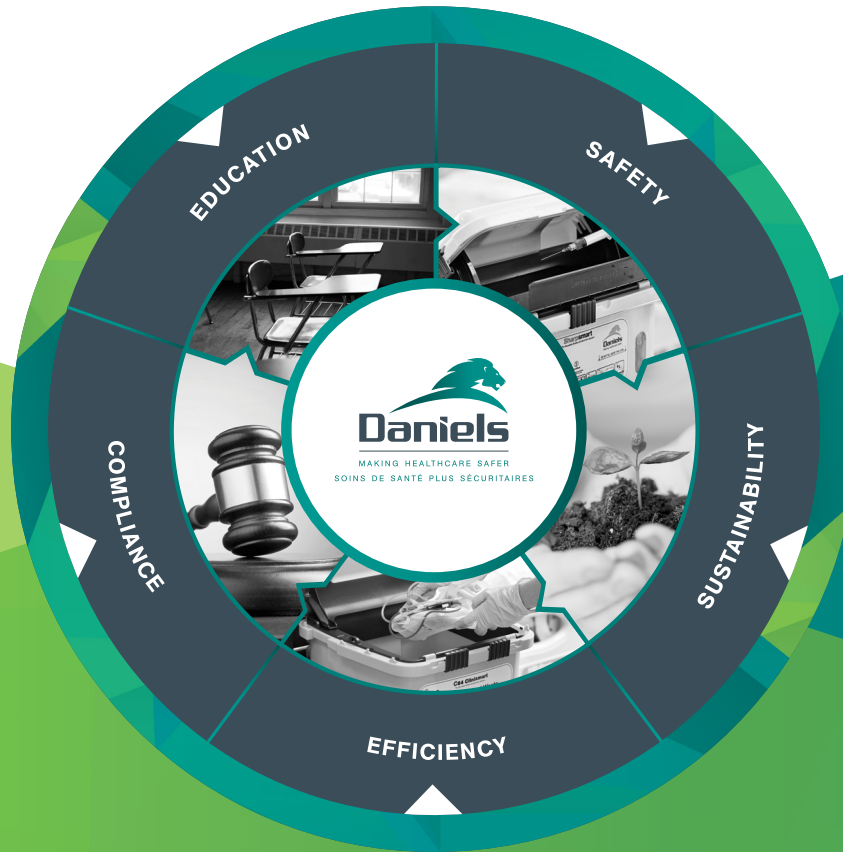
What does this mean for you?

This study demonstrates that the Daniels Sharpsmart reusable containment system is an effective safety engineered device that can significantly reduce overall Sharps Injuries within an acute care setting.



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International committee of Medical Journal editors



The Daniels Difference

Healthcare Waste Management cost efficiencies are derived from the successful deployment of five key elements. At Daniels Health we work closely with our customers to ensure that all healthcare staff are protected, trained and equipped, that the facilities' risk profile is managed, and waste management costs are minimised.

Safety: Our highest commitment is safety; through intelligent products, systemised solutions and bespoke training, we work with our customers to reduce needlestick injuries, minimise infection transfer and provide solutions that protect the safety and minimise risk for staff and patients.

Sustainability: Our reusable products and environmentally responsible treatment services are designed to maximise segregation, reduce CO2 burden and minimise waste going to landfill. Through waste mapping, auditing and environmentally graded solutions, we work with our customers to achieve the highest green ratings.

Efficiency: Daniels Health optimises the efficiencies of healthcare environments through smart products, process re-engineering and redefined waste handling methodologies. Significantly reducing the labour used in handling of waste through point-of-use bagless containment systems, an extensive range of mounting options and accessories and logistical solutions, our customised services guarantee optimised time and movement efficiencies.

Compliance: Experts in the regulatory complexities governing the healthcare sector, we position ourselves as an astute partner delivering expert guidance and compliant solutions to our customers. All Daniels solutions are vetted against state and federal regulations and executed through waste plans and training to achieve optimised safety and compliance.

Education: Our ongoing commitment to educate staff within healthcare ensures that together we achieve greater safety awareness and drive behavioral change in waste management, segregation, compliance and best practice management. Through a blended learning approach using onsite training, a range of educational material and module-based e-learning, we ensure all healthcare staff are trained and compliance certified.

