

Clinismart:

Impact on Safety, Cost and Waste Volumes

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“The study found that the use of a smaller 64L linerless, reusable hospital wastebin system, through its design and operation, has the potential to reduce clinical waste volumes, increase labour efficiencies, decrease costs and minimise infection potential and sharps injury risk, all of which improve the quality of health care.” - Authors

What was the study?

Facility staff and managers at a 360 bed acute-care private Australian hospital found their use of a 240Litre bin posed issues with infection risk, staff injury risk, aesthetics, logistics, waste volumes, space and cost, and furthermore, was not compliant with state guidelines.

The 3 year study **‘The impact of a liner-less reusable clinical waste bin system on costs, waste volumes and infection risk in an Australian acute-care hospital’** examined the impact of transitioning from a 240Litre bin to a C64 Clinismart; a 64Litre linerless reusable clinical waste bin system.

What were the results?

The Clinismart system:

- Was strongly preferred by staff
- Significantly decreased:
 - Medical waste mass and volume by 53.2% and 65.2% respectively
 - Medical waste disposal costs by 30.9%
 - Labour costs by 69.2%
- Was more space efficient and logistically superior
- Improved waste segregation
- Reduced infection risk and staff sharps injury risk
- Eliminated the issues previously noted with the 240Litre bin system.

What does this mean for you?

The study's results show the Clinismart system delivers significant efficiencies in waste management. Its design and functionality enables waste to be managed more sustainably with increased safety, minimal handling and reduced costs.

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