



Part of the  
**ERASECAUTI<sup>®</sup>**  
Comprehensive Care Solution

# Nurses Overwhelmingly Prefer Medline Total One Layer Tray Over Bard SureStep Tray<sup>1</sup>

## Methods

- » Fifty-five nurses inserted catheters into medical manikins using the Total One Layer Tray by Medline Industries and the SureStep™ Foley Tray by Bard Medical.
- » Nurses inserted a catheter with one tray type and then rated the features of that tray. Nurses then repeated the process using the other tray. After using both trays, nurses answered questions directly comparing the two tray types.
- » The order of trays was randomly assigned, and study staff followed a standardized script while administering the protocol. Nurses were instructed to follow the instructions-for-use that came with the tray in order to perform the procedure.

## Results

- » Insertion with the Medline tray took two minutes less than with the Bard tray.
  - Medline = 9m 55s, Bard = 11m 53s.
  - Difference statistically significant, P < 0.0001
- » Nurses consistently preferred the Medline tray for all questions, and rated the Medline tray higher on all features (Tables 1 and 2).

**Table 1: Select results from questionnaire directly comparing Medline and Bard trays after simulated catheter insertion on manikin**

Question	Medline	Bard
Which tray do you prefer?	84%*	16%
Which tray better promotes adherence to sterile technique?	78%*	22%
Which tray is less likely to result in inserting a contaminated catheter?	78%*	22%
Which tray's layout do you prefer?	82%*	18%

\*All results statistically significant P < 0.007

**Table 2: Select ratings of tray features after simulated catheter insertion on manikin**

Question	Medline	Bard
The design and features of the tray minimize risk of inserting a contaminated catheter	5.82**	4.89
The layout of the tray promotes best practices for catheter insertion	5.84**	4.91
The design of the patient education material is in a format that promotes its use	6.11**	4.95
The patient education material is readily accessible	6.60**	4.96
The placement of the insertion tag within the tray makes it likely to be used	5.13**	4.05

\*\*All results statistically significant P < 0.004

Scale used was as follow: 1 = strongly disagree, 2 = disagree, 3 = slightly disagree, 4 = neutral, 5 = slightly agree, 6 = agree, 7 = strongly agree

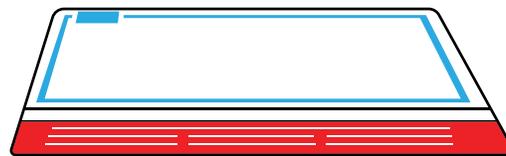
# Total One Layer Foley Catheter Tray by Medline Industries: Preferred by Nurses

Improper insertion of an indwelling urinary catheter (IUC) is a risk factor for the development of a catheter acquired urinary tract infection (CAUTI). The Total One Layer Tray by Medline incorporates several innovative design features to aid clinicians in maintaining aseptic technique.

Patented layering of products in order of use guides clinician through insertion process while minimizing contamination risk.

Patient-friendly education card placed on top, facilitating a conversation about the procedure with the patient and family, ensuring Joint Commission compliance.<sup>2</sup>

Foley Insetag is packaged with securement materials, increasing probability it does not get lost. Recording accurate insertion date and time helps to ensure catheter does not remain inserted longer than necessary and thereby aids in preventing CAUTI.



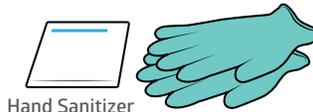
Informative Label



Patient Education Card

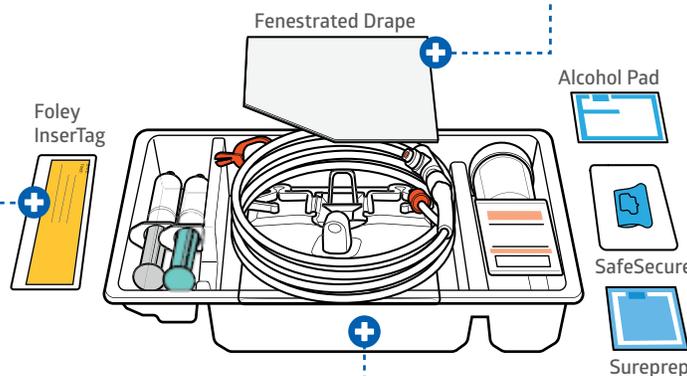
Peri-Care Wipe

Underbuttocks Drape



Hand Sanitizer

“Sterile no-touch technique” is used which calls for placing the underbuttocks drape before donning sterile gloves,<sup>3</sup> eliminating risk of contaminating sterile gloves during placement.



Fenestrated Drape

Foley Insetag

Alcohol Pad

SafeSecure

Sureprep

Fenestrated drape is placed after preparation of catheter tray (left and right side of kit). Placement of the fenestrated drape immediately prior to cleansing insertion site and inserting catheter increases the probability of the drape remaining in place, thereby protecting sterile field around insertion site.

Layout of components guides clinician to work left side of tray, then the right side, then the middle, ensuring one does not have to reach across sterile field during process.



Medline Industries, Inc. Three Lakes Drive, Northfield, IL 60093

Medline United States  
1-800-MEDLINE (633-5463)  
medline.com | info@medline.com

Medline Canada  
1-800-396-6996  
medline.ca | canada@medline.com

Medline México  
01-800-831-0898  
medlinemexico.com | mexico@medline.com

FOLLOW US    

REFERENCES 1. Medline Industries. Study Report MED-2018-DIV18-002. 2. The Joint Commission. Requirement for the Catheter Associated-Urinary Tract Infections (CAUTI) National Patient Safety Goal for Hospitals, R3 Supplemental Report. January 2017. [https://www.jointcommission.org/assets/1/6/R3\\_Cauti\\_HAP.pdf](https://www.jointcommission.org/assets/1/6/R3_Cauti_HAP.pdf). Accessed 25 July 2018. 3. Ortega R, Ng L, Sekhar P, Song M. Female Urethral Catheterization. N Engl J Med. 2008;358:e15.