

Clinical Resources

FOR CAUTI PREVENTION PROGRAMS

Certified Infection Preventionists are available to help you assess, develop and execute CAUTI Prevention Programs with measurable results.



Right Patient
Right Product
Right Results



Clinical Resources

FOR CAUTI PREVENTION PROGRAMS

C. R. Bard, Inc. is dedicated to providing superior medical devices to help healthcare professionals improve patient outcomes. Bard Medical Division is focused on reducing UTIs, the most common healthcare-associated infection. Prevention of catheter-associated urinary tract infections (CAUTIs) requires appropriate catheter utilization, proper catheterization technique, compliance with maintenance procedures, as well as awareness of the issue.

The Bard Infection Preventionist Team is a group of healthcare professionals, all certified by the Certification Board of Infection Control (CBIC).

Our nurses have many years of clinical experience as hospital based Infection Preventionists. We understand your challenges. Over several years, we have assisted hundreds of hospitals with successful process improvement for CAUTI prevention.

We are dedicated to providing support to healthcare facilities to help them with the goal of reducing/eliminating CAUTI through a variety of modalities.

Join Together - Our Team and Yours to Prevent CAUTI

IP Support Components

- Comprehensive Program and Practice Assessment for CAUTI Prevention/Urinary Catheter Management
- Foley Catheter Observation Survey
- Foley Catheter Utilization Survey
- Retrospective Analysis to Assess the Impact of the BARDEX® IC Foley Catheter with Bacti-Guard®* Silver and BARD® Hydrogel Coating on the Incidence of Symptomatic Catheter Associated Urinary Tract Infections

Data from surveys can be integrated into your overall quality improvement initiatives.



Let's Get Started.....

Comprehensive Program and Practice Assessment for CAUTI Prevention/Urinary Catheter Management

Purpose: To review the elements in place at the hospital facility that make up the overall CAUTI prevention program. Elements include: adequacy of current policies and procedures, infrastructure for implementing national UTI Prevention Guidelines, existing CAUTI prevention training programs and current monitoring methods, including the CAUTI surveillance plan.

Method: Survey tool and interviews with Infection Preventionist(s), Education Director(s), and other departments as appropriate.

Bard Support:

1. Experienced Infection Preventionist to lead/conduct the survey
2. Written summary of findings with scores and graphics
3. Assistance with identified staff training and education needs

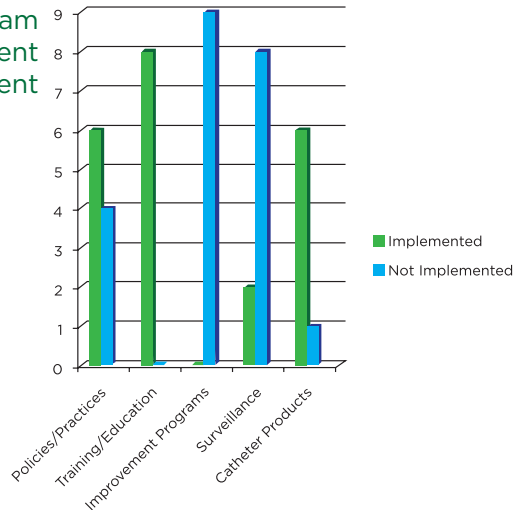
Facility Provides: Meeting place(s) and time for survey participants.

Excerpt from Comprehensive Program and Practice Assessment for CAUTI Prevention/Urinary Catheter Management

Assessment Date: _____

Programs and Practices Component	Yes/No	Implemented/Updated/Reviewed (Mo/Yr)	Department(s)/Stakeholder(s)	Comments
Only the highlighted YES/NO cells are counted in the summary				
I. Policy/Practices		x/11		
Do you have written policies and/or procedures for indwelling urinary catheters?	Yes/No			
If yes, do they include:				
Criteria/indications for catheter insertion/use?				
Physician order?				
OR		YES for either. NO for neither		
Nurse-directed protocol?				
Criteria/indications for catheter discontinuation?				
Physician order?				
OR		YES for either. NO for neither.		
Nurse-directed protocol?				
Techniques/criteria for aseptic catheter insertion?				
Technique/criteria for appropriate catheter maintenance?				
Defined criteria for healthcare providers qualified to insert/maintain catheters?				
If yes, are the documents readily accessible? (Where are they located?)				
If yes, do they incorporate information from the latest HICPAC Guidelines (2009)?				
If yes, do they address patients admitted to the hospital with an indwelling catheter?				
If yes, do you have any algorithms/criteria to assist in determining the appropriate device for patients requiring a urinary catheter (e.g., size, bag vs. meter, etc.)?				

Comprehensive Program and Practice Assessment Outcome Measurement



Foley Catheter Observation Survey

Purpose: To determine types and numbers of various indwelling catheters in use. Assess compliance with Foley catheter care and management practices described in published guidelines for reducing risks of CAUTI. Provide information to help identify potential opportunities for staff training and education.

Method: Survey/Audit Tool, Point Prevalence Model

Bard Support:

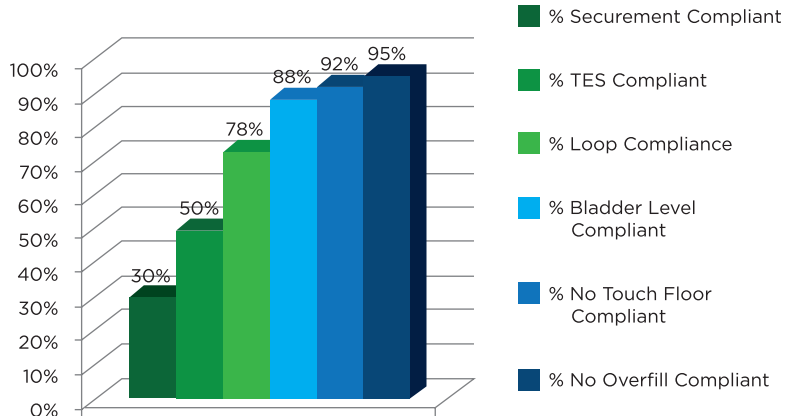
1. Experienced Infection Preventionist to set up, guide and direct the process on site at the facility
2. Survey tools
3. Complete analysis and written report of the survey findings in tabular and graphic form
4. Assistance with identified staff training and education needs
5. Tools for follow-up self surveys as part of ongoing QI process

Facility Provides: One or more individuals (ideally from CAUTI Prevention Team or Focus Group) to make rounds on patient care units and assist with collection of observation data at the bedside.

Excerpt From Foley Catheter Observation Survey

Unit	Number of Observations	Securement = Yes	% Securement Compliant	TES Intact + Yes	% TES Compliant	Dependent Loop Complaint	% Loop Compliant	Below Bladder Level Compliant	% Bladder Level Compliant	Not Touching Floor Compliant	% No Touch Floor Compliant	Not Over-filled Compliant	% No Overfill Compliant
4W	6	3	50.0	2	33.3	4	66.7	5	83.3	6	100.0	6	100.0
ICU 1	8	5	62.5	2	25.0	4	50.0	8	100.0	7	87.5	7	87.5

Foley Catheter Observation Survey Outcome Measurement



Foley Catheter Utilization Survey

Purpose: To examine the indications and appropriate duration of indwelling urinary catheters with the following objectives:

1. Compare reasons given by nurses for indwelling catheters to CDC indications criteria (or the facility's own criteria).
2. Examine current measures in place to improve Foley appropriateness and duration
3. Determine caregiver compliance with existing hospital prevention guidelines
4. Provide information to help identify potential opportunities for staff training and education

Bard Support:

1. Experienced Infection Preventionist to set up, guide and direct the process on site at the facility
2. Survey tools
3. Complete analysis and written report of the survey findings in tabular and graphic form
4. Assistance with identified staff training and education needs
5. Tools for follow-up self surveys as part of ongoing QI process

Facility Provides: One or more individuals (ideally from CAUTI Prevention Team or Focus Group) to make rounds on patient care units and assist with collection of observation data at the bedside.

Excerpt from Foley Catheter Utilization Survey

Foley Catheter Utilization Survey					
		Nursing Unit		Survey Date	
	Facility's Nurse Assessment		CDC	Other Information	
Room	Foley Catheter Indicated (YES/NO)	Stated Reason	Indicator Met (Choose # from list)	Days Catheter Indwelling	Days Since Surge post

Current Utilization Prevention Strategies in Place	
Interview someone at the clinical management level	
	Yes or No
Automatic Stop Orders for indwelling catheters	
Computerized reminder system for physicians or nurses to consider discontinuing catheter	
System for daily assessment of indwelling catheter appropriateness	
Nurse directed Foley catheter removal protocol	
Defined protocol or policy for ultrasound bladder scan as a measure to avoid indwelling catheter	
Defined protocols or policies on alternatives to indwelling catheters for bladder management	
Foley catheter maintenance bundle	

Right Patient Right Product Right Result

If your patient needs a Foley catheter, reach for the tray that matches your patient assessment

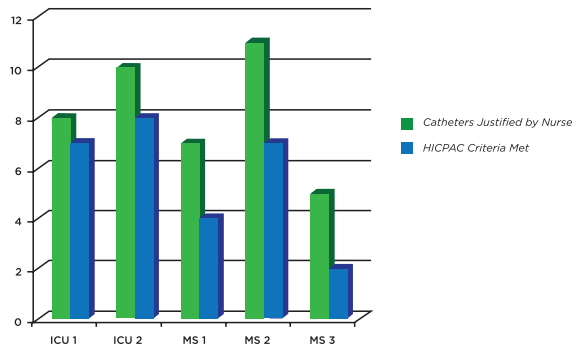
SUGGESTED PATIENT INDICATIONS

STANDARD FOLEY TRAY	FOLEY WITH URINEMETER TRAY	TEMP-SENSING FOLEY URINEMETER TRAY
 To Medical Floor or Minor Surgical Procedure	 To ICU or Major Surgery	 To ICU or Major Surgery
High Order Member Critical Outlier Monitoring Indicated by DR Procedure Card	Special Protocol Fever Guidelines Thrombosis/Hypothermia Cardiac Failure Protocol Indicated by DR Procedure Card	Special Protocol Fever Guidelines Thrombosis/Hypothermia Cardiac Failure Protocol Indicated by DR Procedure Card

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Catheters Justified by Nurses vs. HICPA Criteria



Foley Catheter Observation Survey Outcome Measurement

Assessing Symptomatic Catheter Associated Urinary Tract Infections

Purpose: To establish and/or compare hospital-wide CAUTI rates in patients receiving standard Foley catheters and patients receiving BARDEX® I.C. Foley catheters.

Method: Retrospective medical record review and data abstraction. Record selection based on positive urine cultures among hospital in-patients.

Bard Support:

1. Administrative support for project implementation including HIPAA compliance, etc.
2. Experienced Infection Preventionists for data abstraction
3. Basic data analysis summary in tabular and graphic formats
4. Abstracted data in an electronic format that can be further analyzed by hospital personnel
5. Potential for participating in data aggregation with other facilities

Facility Provides:

1. Local coordinator/contact person
2. Necessary security for medical records access
3. Workspace and EMR terminals for one or more abstractors
4. Project oversight

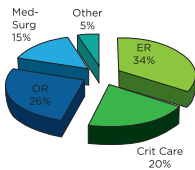
Examples of Data Abstraction Elements and Graphics

	Standard Catheter	BARDEX® I.C. Catheter
Number of Patients	#	
Mean (Median) patient age	# (#)	
Gender Mix		
Female	%	
Male	%	
Mean (Median) hospital length of stay	# (#)	

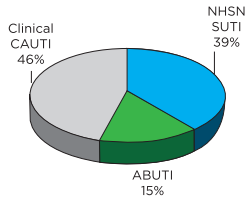
	Standard Catheter	BARDEX® I.C. Catheter
Total CAUTIs		
Total CAUTIs treated with antimicrobials	# (%)	# (%)
Total antimicrobial days		
IV route antimicrobial days		
PO route antimicrobial days		
IM route antimicrobial days		
CBI route antimicrobial days		

Example Data Summary

Foley Insert Locations

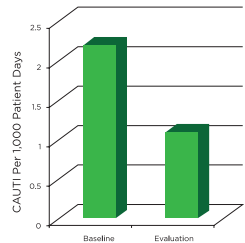
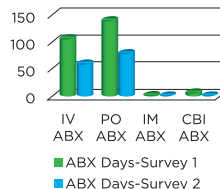


CAUTI by Definition Category Met



Example Data Summary

Count of Antibiotics Day in the Treatment of CAUTI



Right Patient
Right Product
Right Results

Other Related Education Programs

- o RN onsite training support for successful product integration into clinical practice
 - Hands-on inservicing
 - E-learning interactive training via HealthStream
 - On-site train-the-trainer programs
 - Training documentation checklists, training resources and product procedure templates for easy incorporation
 - Staff training on related hospital protocols and practice
 - Clinical follow-up support and training reinforcement post conversion
- o RN onsite clinical presentations on related disease state education
- o Product practice observation and utilization surveys for other Bard products
- o Additional clinical study protocols to demonstrate clinical outcomes with RN support team for implementation

www.TakeEveryPrecaution.com
www.healthstream.com

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Please consult product labels and inserts for any indications, contraindications, hazards, warnings, cautions and directions for use.

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*The Foley catheters included in the Bardex® I.C. System contain Bacti-Guard** silver alloy coating, which is licensed from BactiguardAB. Bacti-Guard is a registered trademark of Bactiguard AB