

Infection  
Control  
Technology

 **PROVEN RESULTS**  
Only with Bard *I*nfection *C*ontrol

THE ONLY PROVEN  
FORMULATION FOR  
ANTI-INFECTIVE FOLEY  
CATHETER SYSTEMS  
BACTI-GUARD<sup>®\*</sup> SILVER  
ALLOY INFECTION  
CONTROL TECHNOLOGY

 **BARDEX<sup>®</sup> I.C. System**  
*with Anti-Infective Foley Catheter*

**BARDD**

## I.C. Proven Results

### Only With Bardex® I.C. Infection Control Foley Catheter Systems

*This exclusive infection control technology, available only on Bardex® I.C. Infection Control Foley Catheter Systems is a patented formulation of Bacti-Guard®\* silver alloy and hydrogel coating on a urinary catheter dramatically reduces bacterial adherence. This unique patented formulation strikes a precise balance between reduction of bacterial adherence and minimization of urethral damage thereby reducing the patient's risk of infection.*

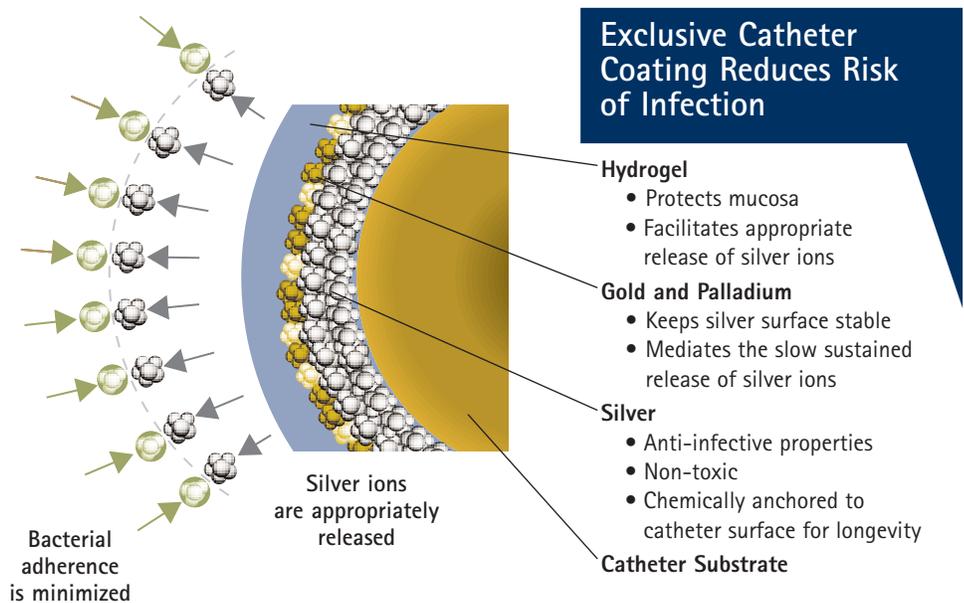
- Reduce bacterial adherence
- Minimize biofilm formation
- Inhibit migration of pathogens into the bladder
- Preserve the integrity of the urethral mucosa
- Prevent CAUTIs

# Balance is Key

Only Bardex® I.C. Infection Control Foley Catheter Systems are clinically proven to reduce catheter-associated urinary tract infections (CAUTIs) by up to 47%.<sup>1,2,3</sup> A technologically advanced formulation consisting of Bacti-Guard®\* silver alloy and hydrogel coating on a urinary catheter dramatically reduces bacterial adherence. This unique patented formulation strikes a precise balance between reduction of bacterial adherence and minimization of urethral damage thereby reducing the patient's risk of infection.

## Mechanism of Action

A precise balance of elements on the catheter coating enables gold and palladium to release silver ions by a galvanic (battery-like) process at an optimal sustained rate to prevent adherence of bacteria and formation of a biofilm while minimizing trauma to urethral cells, avoiding a precursor to infection.



## Balance is Key

This exclusive infection control technology works by harnessing the anti-infective properties of silver to inhibit bacterial adherence. Only Bacti-Guard®\* silver alloy provides the right amount of silver to ensure efficacy without compromising patient safety and clinical outcomes.

**Too Little Silver**

- Ineffective
- Rapidly eroded

**Precise Balance**

- Inhibits bacterial adherence
- Preserves healthy urethral tissue
- Reduces CAUTIs

**Too Much Silver**

- Argyria
- Superinfection<sup>4</sup>

# for Infection Control

## Proven Clinical Advantages

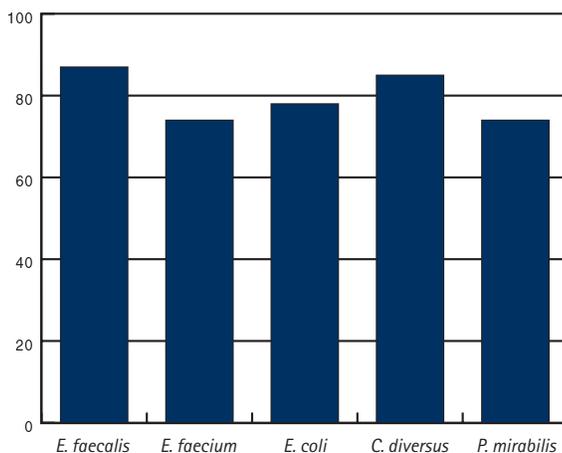
The Bacti-Guard<sup>®</sup>\*\* Silver Alloy Infection Control Technology utilized with Bardex<sup>®</sup> I.C. Infection Control Foley Catheter Systems has been studied extensively in over 30 clinical trials<sup>5</sup> with an average CAUTI reduction rate of 47%.<sup>3</sup>

- Projected to reduce the incidence of bacteremia, secondary to UTI by 44%<sup>3</sup>
- Reduces the use of antibiotics targeted for the treatment of UTIs<sup>6,7</sup>
- Identified as a "High Strength of Evidence" patient safety practice<sup>8</sup>
- Available on a full line of Foley catheters, including 2-Way, 3-Way, pediatric, and Specialty Foley catheters

## Reduces bacteria adherence

The Bacti-Guard<sup>®</sup>\*\* Silver Alloy Infection Control Technology on the Bardex<sup>®</sup> I.C. catheter reduces adherence of common bacteria types and yeasts.

Use of Bardex<sup>®</sup> I.C. Infection Control Foley Catheter Systems reduces need for antibiotics.

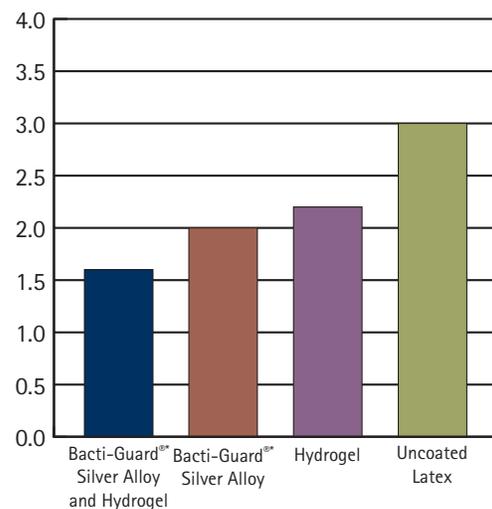


Mean Reduction of Adhesion of Select Bacteria to Bardex<sup>®</sup> I.C. Infection Control Foley Catheters.<sup>9</sup>

## Protects the urethra

Bacti-Guard<sup>®</sup>\*\* Silver Alloy Infection Control Technology minimizes trauma to urethral cells, avoiding a precursor to infection.

Advanced infection control Foley catheter coating preserves the body's natural defenses.



Impact to urethral cells at 72 hours.

Four-point scale: 1–no edema or other inflammatory sign; 2–mild edema and loss of surface epithelium; 3–inflammatory infiltrate, epithelial loss; 4–inflammatory infiltrate, epithelial loss, exudate and hemorrhage.<sup>10</sup>

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Please consult product label and insert for any indications, contraindications, hazards, warnings, cautions and directions for use.

\* The Foley catheters included in the Bardex I.C. System contain Bacti-Guard® Silver coating, which is licensed from Adhesive Technology (International) Licensing, B.V.

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