THE ONLY PROVEN FORMULATION FOR ANTI-INFECTIVE FOLEY CATHETER SYSTEMS
BACTI-GUARD®* SILVER ALLOY INFECTION CONTROL TECHNOLOGY
Only Bardex® I.C. Infection Control Foley Catheter Systems are clinically proven to reduce catheter-associated urinary tract infections (CAUTIs) by up to 47%.1,2,3 A technologically advanced formulation consisting of Bacti-Guard™ silver alloy and hydrogel coating on an urinary catheter dramatically reduces bacterial adherence. This unique patented formulation strikes a precise balance between reduction of bacterial adhesion 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.
for Infection Control

Proven Clinical Advantages
The Bacti-Guard® Silver Alloy Infection Control Technology utilized with Bardex® I.C. Infection Control Foley Catheter Systems has been studied extensively in over 30 clinical trials with an average CAUTI reduction rate of 47%.

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

Reduces bacteria adherence
The Bacti-Guard® Silver Alloy Infection Control Technology on the Bardex® I.C. catheter reduces adherence of common bacteria types and yeasts.

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

![Graph of Mean Reduction of Adhesion of Select Bacteria to Bardex® I.C. Infection Control Foley Catheters]

Protects the urethra
Bacti-Guard® 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.

![Graph of Impact to urethral cells at 72 hours]

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.
REFERENCES


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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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