



# Foley Catheter – Silicone

For prevention of healthcare associated infections



## Increased patient safety with unique technology

Catheter associated urinary tract infections (CAUTI) account for a large proportion of healthcare associated infections (HAI). These infections can lead to serious complications such as urosepsis, which leads to patient suffering as well as increased mortality and healthcare costs. In addition, many of these infections are treated with antibiotics, which increase the risk of emergence and spread of multi-resistant bacteria.

The BIP Foley Catheter – Silicone is an indwelling urinary catheter made of silicone and coated with Bactiguard®. The Bactiguard® technology has been used successfully since 1995 for the prevention of HAI in the USA, UK and Japan among others.

### Bactiguard® Benefits

In close collaboration with health-care providers Bactiguard's unique technology and know-how provide solutions that quickly and effectively reduce the risk of infection, which leads to:

- Increased patient safety
- Reduced use of antibiotics
- Reduced healthcare costs



## Usage

The BIP Foley Catheter – Silicone is used for drainage and irrigation of the bladder.

## Material

The BIP Foley Catheter – Silicone is a silicone catheter coated with Bactiguard. It is also coated with a hydrogel that facilitates the introduction and removal of the catheter. During use the hydrogel reduces friction and wear between the catheter material and the urethra.

## BIP – Bactiguard Infection Protection

Bactiguard Infection Protection (BIP) is an extremely thin coating that is permanently bound to medical devices. The coating consists of the noble metals gold, palladium and silver. It's only a few millionths of a millimeter thin and remains on the product throughout its lifecycle. The unique mechanism of action reduces the adhesion of bacteria to a Bactiguard® coated surface. This occurs without any pharmacological or toxic effect, and is an important component in the prevention of HAI and the reduction of antibiotic use.

## Bactiguard® – Proven effective

Bactiguard® coated products have been used in a large number of clinical studies (1995–2011) involving over 80,000 patients. The technology has proven to reduce the incidence of bacteriuria by up to 73 percent<sup>1,2</sup> and is very tissue friendly. Bactiguard® coated urinary catheters have been used clinically on over 100 million patients with no reported adverse events referable to the coating. Studies also show that the coating does not lead to increased bacterial resistance<sup>3</sup>.

## Environment

The Bactiguard® coating is environmentally friendly and needs no special procedures for handling, use or disposal and should be handled equally to non-coated products.

## References

- Schumm K et al., Cochrane Database of Systematic Reviews 2008, Issue 2. Art. No.: CD004013.
- Stenzelius K et al., Scand J Urol Nephrol. 2011 Sep;45(4):258-64. Epub 2011 Mar 31.
- Rupp et al., Am J Infect Control. 2004 Dec;32(8):445-50.

| Product range BIP Foley Catheter – Silicone |                 |              |                      |             |
|---------------------------------------------|-----------------|--------------|----------------------|-------------|
| Article number                              | Article         | Size (Fr/Ch) | Balloon vol. (ml/cc) | Length (cm) |
| 115060510                                   | 2-way Pediatric | 6            | 3                    | 31          |
| 115080510                                   | 2-way Pediatric | 8            | 5                    | 31          |
| 115100510                                   | 2-way Pediatric | 10           | 5                    | 31          |
| 115121010                                   | 2-way Standard  | 12           | 10                   | 40          |
| 115141010                                   | 2-way Standard  | 14           | 10                   | 40          |
| 115161010                                   | 2-way Standard  | 16           | 10                   | 40          |
| 115181010                                   | 2-way Standard  | 18           | 10                   | 40          |
| 115201010                                   | 2-way Standard  | 20           | 10                   | 40          |
| 115221010                                   | 2-way Standard  | 22           | 10                   | 40          |
| 115241010                                   | 2-way Standard  | 24           | 10                   | 40          |
| 115261010                                   | 2-way Standard  | 26           | 10                   | 40          |
| 115163010                                   | 2-way Standard  | 16           | 30                   | 40          |
| 115183010                                   | 2-way Standard  | 18           | 30                   | 40          |
| 115203010                                   | 2-way Standard  | 20           | 30                   | 40          |
| 115223010                                   | 2-way Standard  | 22           | 30                   | 40          |
| 115243010                                   | 2-way Standard  | 24           | 30                   | 40          |
| 115263010                                   | 2-way Standard  | 26           | 30                   | 40          |
| 116161010                                   | 3-way Standard  | 16           | 10                   | 40          |
| 116181010                                   | 3-way Standard  | 18           | 10                   | 40          |
| 116201010                                   | 3-way Standard  | 20           | 10                   | 40          |
| 116221010                                   | 3-way Standard  | 22           | 10                   | 40          |
| 116241010                                   | 3-way Standard  | 24           | 10                   | 40          |
| 116261010                                   | 3-way Standard  | 26           | 10                   | 40          |
| 116163010                                   | 3-way Standard  | 16           | 30                   | 40          |
| 116183010                                   | 3-way Standard  | 18           | 30                   | 40          |
| 116203010                                   | 3-way Standard  | 20           | 30                   | 40          |
| 116223010                                   | 3-way Standard  | 22           | 30                   | 40          |
| 116243010                                   | 3-way Standard  | 24           | 30                   | 40          |
| 116263010                                   | 3-way Standard  | 26           | 30                   | 40          |

The products are CE marked according to Medical Device Directive 93/42/EEC



### Bactiguard AB