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# Innovative catheter receives “bacteriaphobic™ claim” approval from notified body

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## ***Positive evaluation affirms device resistance to bacterial colonisation***

**™July 2019** – Camstent Ltd’s coated catheter, which has been developed to limit attachment of bacteria to its surfaces, a known source of Catheter Acquired Urinary Tract Infection (CAUTI), has been awarded approval for a new claim to be made under the CE mark by its notified body in relation to its unique bacteriaphobic™ properties. This new claim\* adds to the existing approved claim\*\* for the catheter’s silky-smooth surface which reduces tissue trauma on insertion and withdrawal.

The polymers originally reported to have bacteriaphobic™ properties and that are used in the Camstent coated catheters were discovered in 2012. They have since been developed by Camstent into a silky-smooth and bacteriaphobic™ coating for silicone or silicone-based medical devices. Unlike other coatings that are designed to kill bacteria adhering to the surfaces, the passive non-stick property of Camstent’s coating aims to deter bacteria

from attaching to the catheter surfaces at all. This novel approach has been demonstrated to reduce formation of biofilm that, in turn, can lead to CAUTI. It has the added advantage of having no potential of creating antibiotic resistant organisms.

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“The approval of the “bacteriophobic™” claim is a significant landmark in the commercialisation of Camstent’s coated catheter product as our device can now claim two unique benefits which are very attractive to health care providers,” said Dave Hampton, founder and CTO of Camstent.

“The bacteriophobic™ feature has the potential to reduce the cost of care that can result from catheter related complications such as infection and longer hospital stays. The silky-smooth surface is equally important since patient comfort cannot be understated, as anyone who has had a catheter administered will testify. To add to this there is a potential long-term public health benefit which may come about as a result of fewer of antibiotics being prescribed to patients and the resulting danger of the creation of super-bugs,” added Dave.

Camstent soon plans to apply for similar regulatory approval in the United States with the U.S. Food and Drug Administration (FDA).

\*The Camstent bacteriophobic™ coating limits the attachment of bacteria to the catheter lumen as compared to uncoated surfaces. Fewer bacteria results in less biofilm, which can cause CAUTI.

\*\*The Camstent Coated Foley Catheter is intended for the drainage of urine from the urinary bladder; the coating enhances lubricity, significantly reducing insertion force.