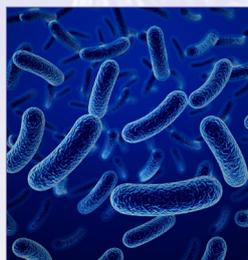


Silver Knight anti-microbial breathing systems

Helping in the fight against Hospital Acquired Infections



Silver Knight® anti-microbial breathing systems

Helping in the fight against Hospital Acquired Infections

Protect with Silver Knight

In the continued fight against Hospital Acquired Infections, Intersurgical has developed the Silver Knight range of products with an anti-microbial additive to further enhance patient safety.

This anti-microbial, silver-based ion additive has been introduced to a range of breathing systems for both anaesthesia and intensive care use.

Testing to ISO Standard 22196 shows a reduction in bacterial viable count by 99.9% against controls.¹

How does it work?

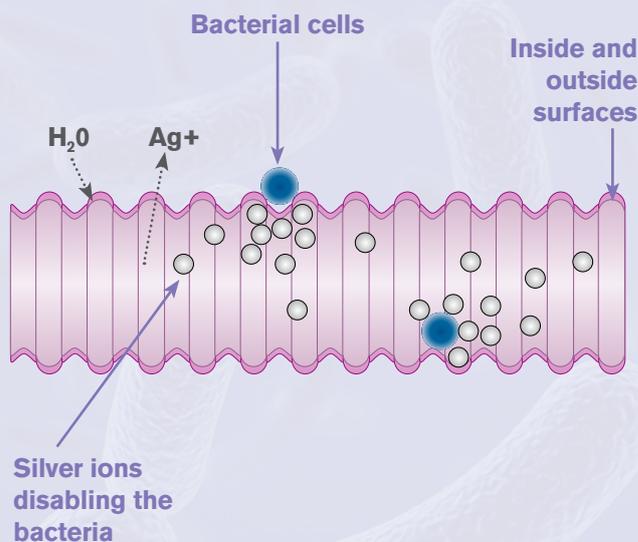
Silver Knight is an anti-microbial additive that uses silver ions to disrupt the normal enzymatic activities of bacteria. It functions as a safe, quick and effective catalyst to deactivate pathogenic bacteria and prevent their proliferation.

This technology allows the ions to be released in small quantities over time to reduce microbial growth within, and on, the surface of the breathing systems.

Silver Knight breathing systems are all validated for up to seven days use, and remain active, in unopened packaging, for up to five years.

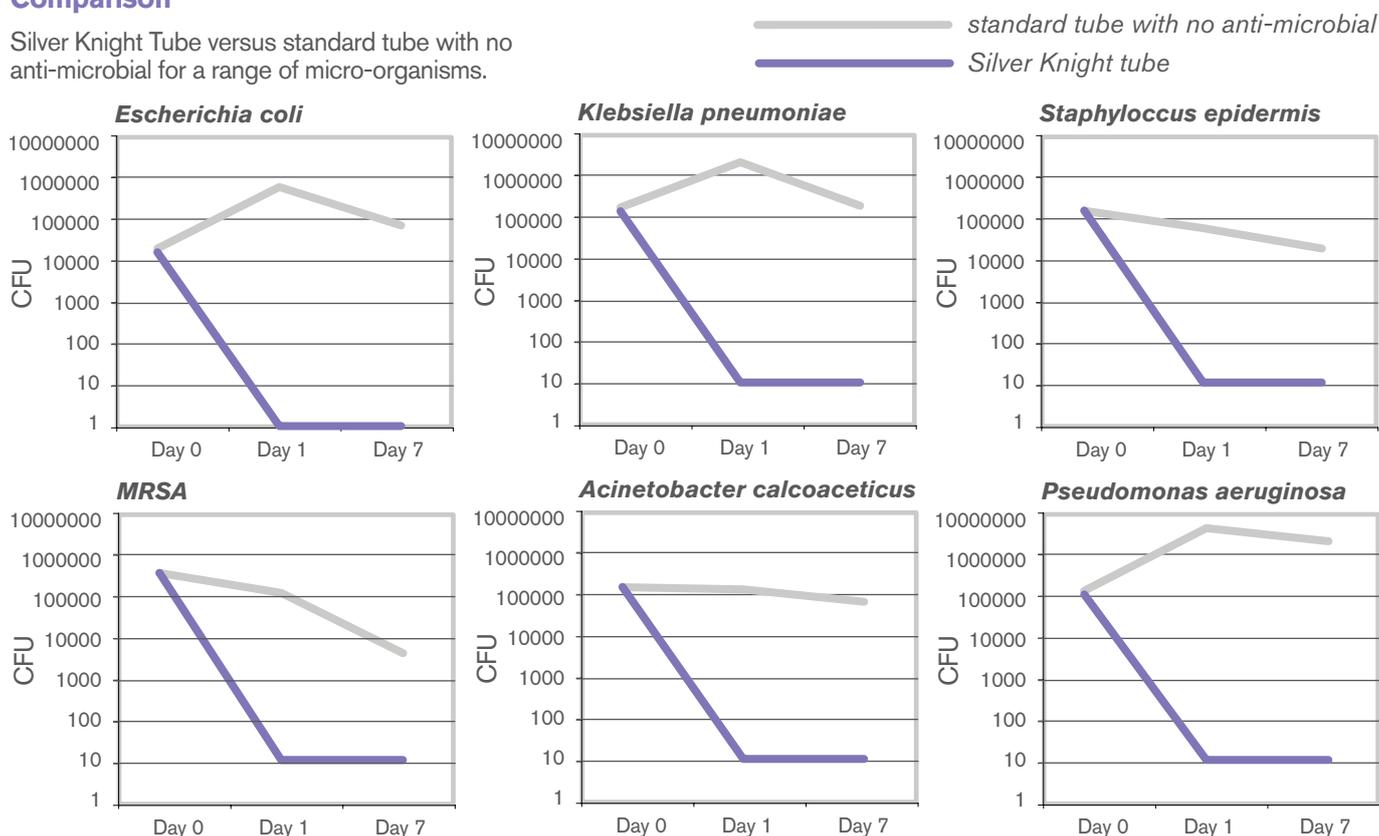
Silver Knight is proven¹ to help reduce the incidence of MRSA infection and other organisms including:

- *Staphylococcus epidermis*
- *Pseudomonas aeruginosa*
- *Klebsiella pneumoniae*
- *Acinetobacter calcoaceticus*
- *Escherichia coli*



Comparison

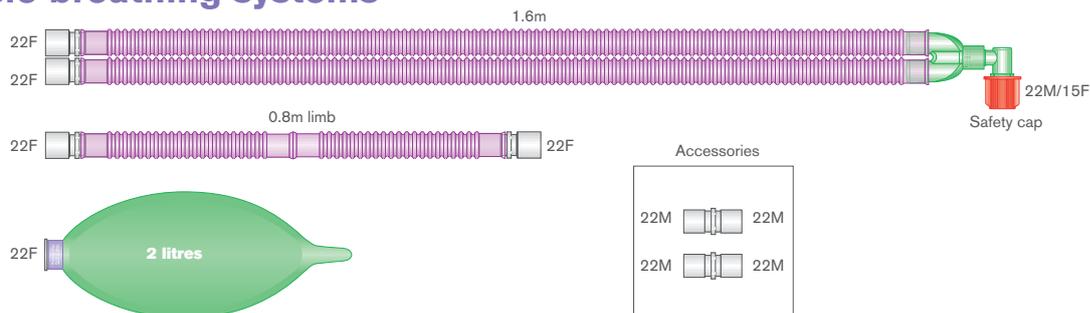
Silver Knight Tube versus standard tube with no anti-microbial for a range of micro-organisms.



The addition of Silver Ion anti-microbial additive to Intersurgical breathing system tubing greatly reduces the viable microbial count level over time. The tubing has demonstrated a long lasting anti-microbial affect against a broad range of micro-organisms responsible for Hospital Acquired Infections.

Anaesthetic breathing systems

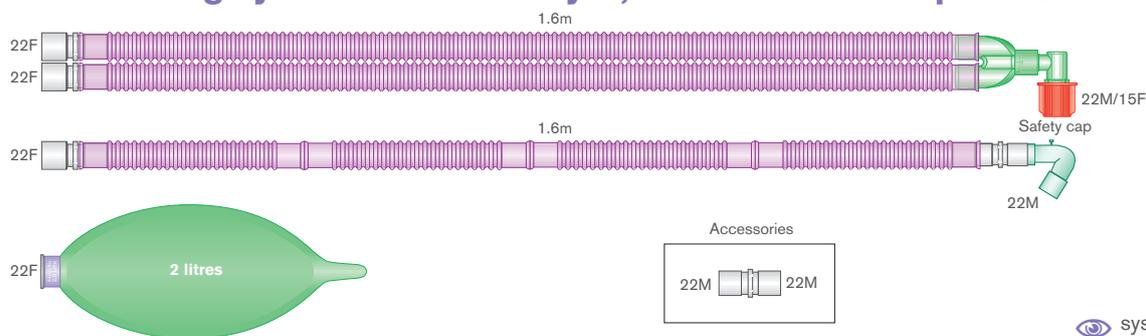
Circle breathing systems



system illustrated

Code	2000100	2001100	2010100	2011100
Box qty.	20	15	15	15
System length	1.6m	2.4m	1.6m	2.4m
Bag limb			0.8m	0.8m
Bag size			2L	2L

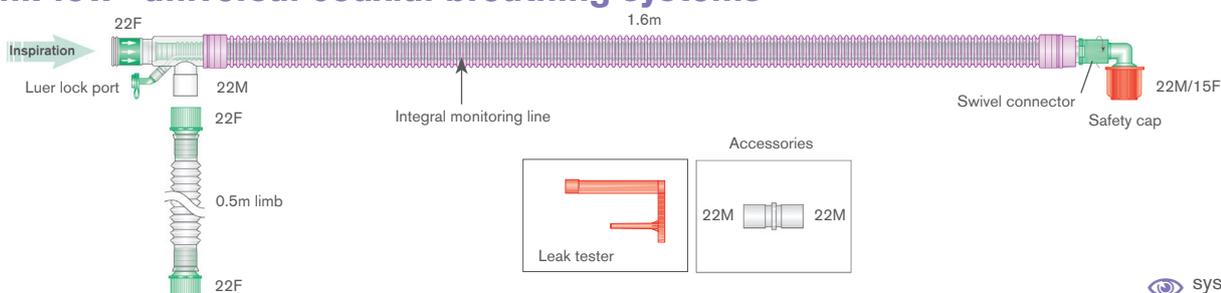
Flextube breathing systems for the Aisys®, Avance® and Aespire® Carestations



system illustrated

Code	2010111	2011106
Box qty.	15	12
System length	1.6m	2.4m
Bag limb	1.6m	1.6m
Bag size	2L	2L

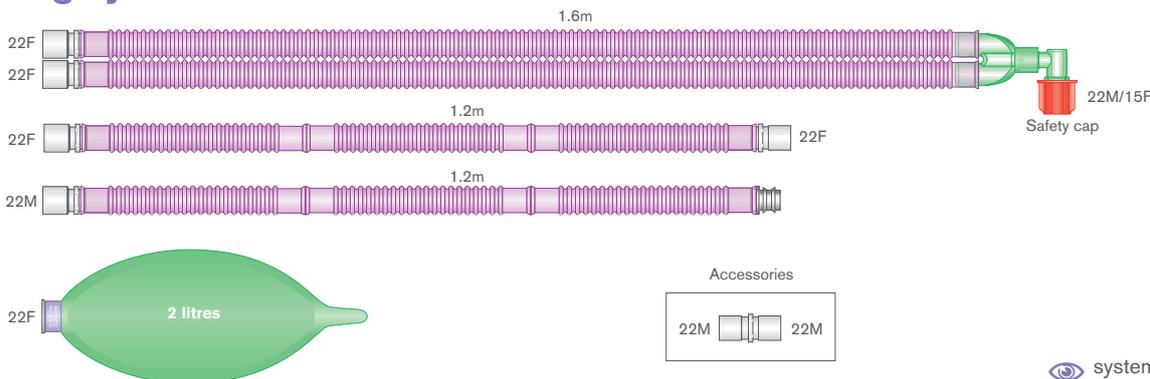
UniFlow® universal coaxial breathing systems



system illustrated

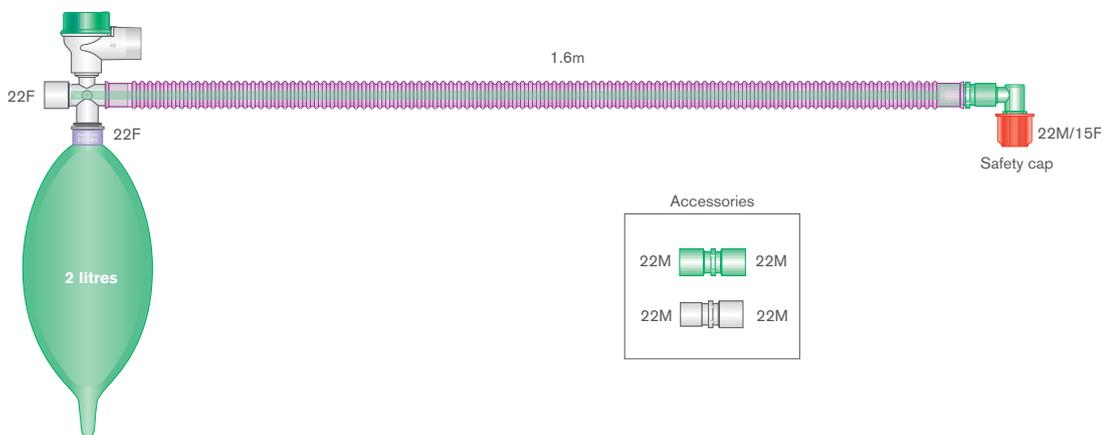
Code	2900100	2901100	2902100	2903100	2910100	2911100
Box qty.	12	10	12	10	12	10
System length	1.6m	2.4m	1.6m	2.4m	1.6m	2.4m
Bag limb	0.5m	0.5m	0.5m	0.5m	0.5m	0.5
Integral monitoring line			✓	✓	✓	✓

Breathing systems for the ADU® Carestation



Code	2010109	2011102
Box qty.	12	12
System length	1.6m	2.4m
Bag limb	1.2m	1.2m
Bag size	2L	2L

Mapleson D Deluxe Bain coaxial breathing systems



Code	2115100
Box qty.	30
System type	Deluxe
System length	1.6m
Bag size	2L

References:

1. Intersurgical Ltd. Certified Independent Test Results, 2003.

Silver Knight Breathing Systems contain Anti-Microbial additives in the Flextube (tinted lilac).

This additive is not present in other parts of the breathing system, such as the APL Valve, reservoir bag or connectors.