

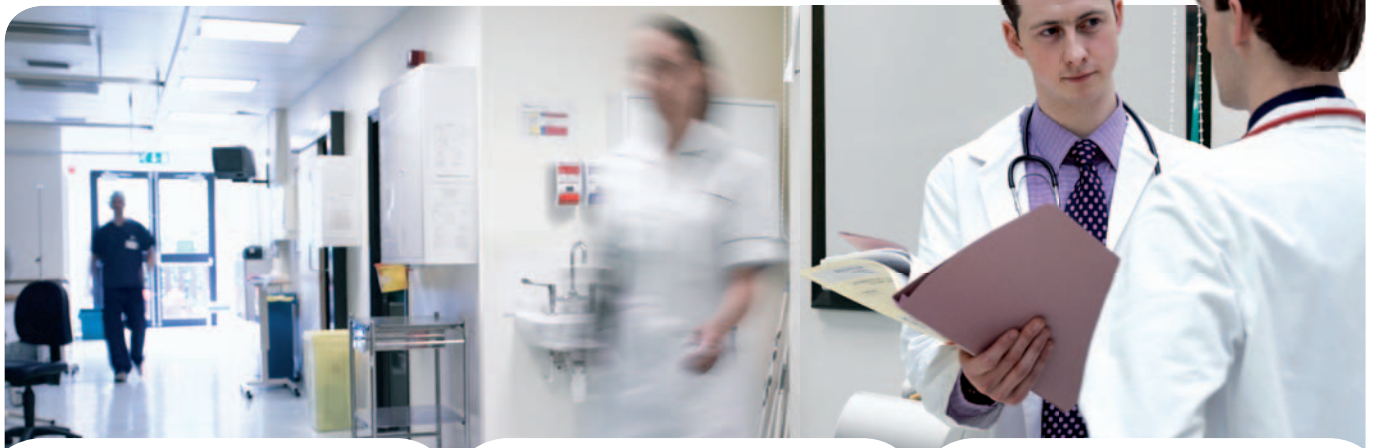
It's a fact!



Leaders in Bacterial Control

Proven bacterial reduction in real-life hospital environment

INVESTIGATION The first ever trial to investigate the effectiveness of silver-based products at reducing levels of bacteria in an actual hospital environment has shown a 95.8% reduction in bacteria.



95.8%

reduction in bacteria

in the total environment at Heartlands Hospital containing BioCote® protected products, compared to the standard ward with no BioCote® present.

✓ *Proven!*

92.6%

reduction in bacteria

on the surfaces of BioCote® protected products compared to non-protected products in the Heartlands Hospital facility.

✓ *Proven!*

43.5%

reduction in bacteria

on the surface of non-protected products, alongside BioCote® protected products found in the Heartlands Hospital facility, compared to non-protected products in the standard ward.

✓ *Proven!*

The environmental study was carried out by BioCote Ltd, in association with the Heart of England NHS Foundation Trust. It compares two out-patient wards, one

at Heartlands Hospital, containing furniture and equipment with BioCote® antimicrobial protection and one containing standard, untreated items. The products tested included

blinds, tiles, door handles, light switches and sack holders.

How does silver work?

BioCote® protected products contain silver, a natural

antimicrobial, with a high efficacy against bacteria, mould and fungi. When micro-organisms come into contact with the silver, their ability to reproduce is inhibited and they die.

Hygiene's helping hand

Using BioCote® protected products in a real-life hospital environment can lead to a reduction in bacterial colonisation, resulting in a more hygienic and safer environment for patients.

With fewer bacteria in the environment, it is logical that the risks of cross contamination and consequently the risks of patients being infected with 'superbugs', such as MRSA are reduced. BioCote® protected products can complement hygiene practices, working in-between cleans to reduce levels of bacteria.



The project facts

The collaboration between the Heart of England NHS Foundation Trust and BioCote Ltd began in May 2006, when Heartlands Hospital was the first in the UK to equip an out-patient facility with furniture and equipment that had BioCote® antimicrobial protection.

To make the study as consistent as possible, both environments were refurbished out-patient wards with a similar through-flow of patients. Both wards were in use 12 months prior to swabbing commencing. All testing was carried out at an independent laboratory. The study concentrated on bacteria counts on the surface of objects, in the form of TVCs and does not identify actual organisms at this stage.



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