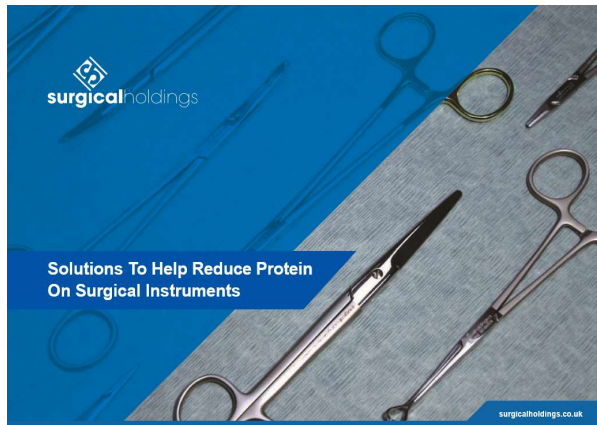


## Protein Legislation Collateral for Surgical Holdings

Surgical instruments will soon ne to be tested for protein adhesion, and if instruments fail the tests this would cause costly delays for patients. Surgical Holdings wanted to help hospitals understand the upcoming changes and share the numerous solutions available to help them achieve the required levels. The project included conducting a clinical evidence review, to ensure that readers were aware of the data to support their activities.

We took the opportunity to refresh the look and feel of branding.

### Results:



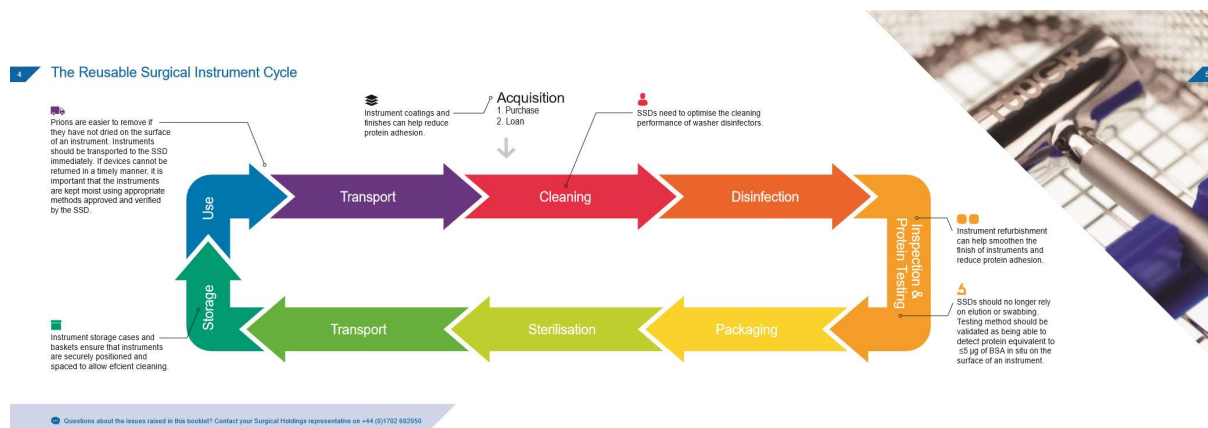
This guide provides practical solutions to help hospitals ensure their instrumentation complies with the Department of Health guidance for protein testing.

From July 2016, all hospitals need to regularly test surgical instruments in situ, and ensure they comply with protein levels. The aim is to reduce the amount of protein on instruments, risk of cross contamination and transmission of prions.

Surgical Holdings have produced this guide. They are an instrument solutions provider, are based in Southend on Sea and are accredited to ISO 13485.

“SSDs should not view the 5 µg limit as a single pass or fail, but rather use it as a way of working towards and below this value. Part of trend analysis and a quality assurance system whose aim is to monitor not just the cleaning efficacy of washer-disinfectors but also the instrument journey leading up to that stage – ensuring results are being monitored and actions are being taken based on these results.”

Department of Health



6 Refurbish Instruments to Remove Protein

Refurbishing instruments can save up to **80%** of the cost of buying new, with compelling evidence to demonstrate effectiveness

Independent research<sup>1</sup> showed that instruments refurbished by Surgical Holdings had a 4 x reduction in the amount of residual protein. The smooth and polished surface has an increased cleaning efficacy, and all repairs come with up to a 5 years warranty. Standard turnaround times are 1 week, and an express 2 day service available for urgent instrumentation.

Reference: <sup>1</sup> Data available on file.



7 Proactive Management Of Instrumentation

Surgical Holdings can set up and manage a refurbishment programme for instrument sets. This ensures all instruments are regularly checked, refurbished, repaired and maintained to a high standard and protein tested where required.



Rigid Endoscope Repairs Utilising all the latest technologies used in Optical Repair. So ensure we offer the highest quality third party scope repair.

Questions about the issues raised in this booklet? Contact your Surgical Holdings representative on +44 (0)1702 662950

8 Coatings for Reduction of Protein Adhesion

There are a number of finishes and coatings to choose from, and each has benefits to offer. Surgical Holdings have developed the Nero range for protein reduction and improved performance.

Nero (Black) Ceramic

75% reduction in residual protein compared to Stainless Steel

Proven reduction in bacterial adhesion compared to Stainless Steel

Also available in Titanium Nitride (Gold/Rose Gold)

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Improved wear resistance compared to Stainless Steel, reducing scratch marks where contamination may accumulate

Can also be used as an instrument identifier for the benefit of separating Post 1997 instrumentation (IPC 199)



Tested to 600 cycles without deterioration in performance

9 Duo Finish Instrument Range – Redesigned for Reduced Protein Adherence

DUO Stainless Steel

Bright polish finish on the working ends of the instrumentation

Anti-glare handles through fine bead blasted finish, which also provides increased grip

Providing the best possible stainless steel corrosion resistance<sup>1</sup> and the smoothest possible finish for reduced wettability at the working end of the device



Modified instrument surfaces significantly improve decontamination performance

Reference: <sup>1</sup> S. S. S. et al. (2012) *Surfactants*, Wiley et al. (2010). *Journal of Biomedical Materials Research Part B*, 97, 200–207. <sup>2</sup> C. H. et al. (2012) *Surfactants*, Wiley et al. (2010). *Journal of Biomedical Materials Research Part B*, 97, 200–207. <sup>3</sup> C. H. et al. (2012) *Surfactants*, Wiley et al. (2010). *Journal of Biomedical Materials Research Part B*, 97, 200–207.

10 Fixate and Organise Instruments for Enhanced Cleaning Efficacy

Traditional instrument trays are jumbled and shadowing can routinely occur. Our trays ensure instruments are fixated to ensure the best possible cleaning efficacy.

Baskets themselves are usually wire mesh, which allows water and chemicals to reach the instruments.

+

Strips of silicone type material and supportive bars can be used to hold instruments in place and enable effective cleaning.



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11 Should We Really Be Reprocessing Orthopaedic Implants Such As Kirschner and Arthrodesis Wires?

For peace of mind change to sterile packed. Opting for sterile packed single use items such as Kirschner wires ensures there is no chance for cross contamination prior to use.

Instrument Design

Surgical Holdings identify instruments and create new solutions, where improvements for reprocessing may be necessary. Our range of rongeurs and Kerrison rongeurs can be taken apart to ensure they are cleaned efficiently.



Feedback on the booklet has been positive from both customers and staff. The data and evidence was compiled and presented in a way that made it easy to understand; enabling resources to be best used to reduce protein on instruments.

Want to improve your marketing collateral? Make the most of your digital tools and assets? Could online and offline activities be better integrated?

If these are some topics that you would like to explore and discuss, then please get in touch with **Katryna: 07850 047709 : katryna@pilgrimconsultancy.co.uk**