

# Broncoflex®

Single-use Bronchoscope

- Always ready
- Always sterile
- Always economical



## NEW-GENERATION SINGLE-USE ENDOSCOPE, INCREASINGLY EFFICIENT AND ADAPTED TO YOUR NEEDS

A new technology now exists that will change your approach to flexible bronchoscopy.

The Broncoflex® was designed to address the current needs and challenges facing hospitals associated with the use of flexible bronchoscopes. Bronchoscopes are now essential pieces of equipment, used by different medical specialists for a broad variety of clinical indications.

“  
For each new procedure, a new endoscope.  
”

It is always ready for use, at any time, day and night. Always sterile, with no disinfection or repair requirements, it also helps reduce the risks of cross-contamination.

The Broncoflex® addresses technical and clinical challenges thanks to a significant innovation: it incorporates a 2.8 mm working channel within an endoscope with a small external diameter of 5.6 mm. This innovation offers users a wide working channel, reducing constraints in terms of compatibility with endotracheal tubes, while facilitating navigation in the distal bronchi.

The reduction in the number of references reinforces the economic added value of single-use endoscopy.

With the Broncoflex®, just two sizes are sufficient to cover the full range of flexible bronchoscopy indications, where three are usually required with competing single-use systems.

By limiting the number of references to be kept in stock, Broncoflex® helps reduce your costs and simplify the management of your equipment.

# THE UNEXPECTED ECONOMIC IMPACT OF CONVENTIONAL ENDOSCOPY

All the steps in the lifecycle of a reusable endoscope need to be taken into account to draw up a complete list of the direct and indirect spending involved in maintaining these devices. The majority of costs generated by the reprocessing of endoscopes and the management of cross-contamination are invisible. Yet they have a very real financial impact on hospital budgets.

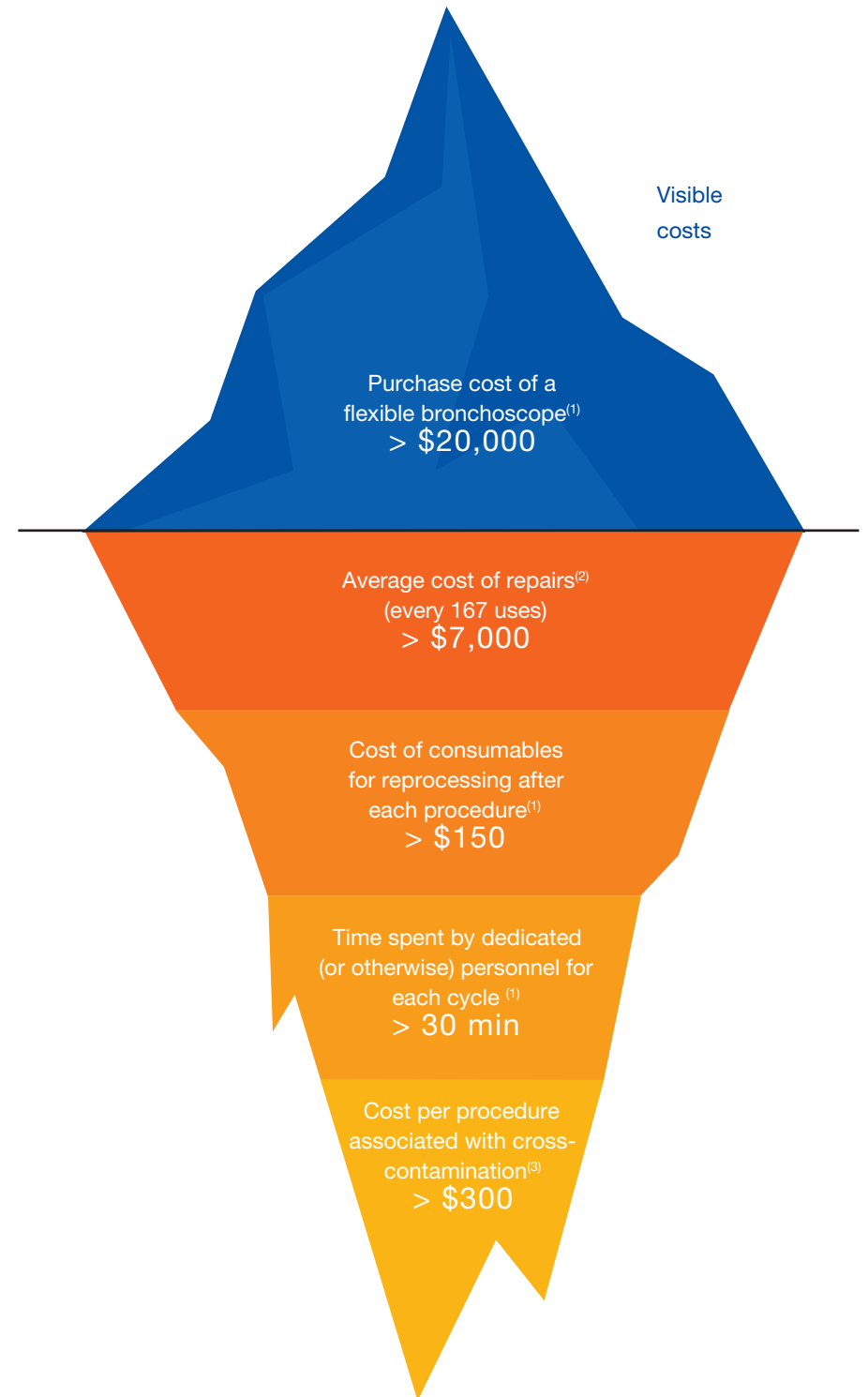
The Broncoflex® eliminates all the direct and indirect costs associated with the reprocessing of standard reusable endoscopes. In addition to the time-consuming and fastidious steps that it eliminates, it offers a genuine alternative to a frequently unavailable device. Repairs and reprocessing sometimes limit access to reusable bronchoscopes. Yet this access can be vital in emergency situations in the operating theatre or intensive care unit. By purchasing single-use endoscopes, you will improve productivity, allowing you to allocate your human and financial resources to other needs within the hospital.



## What are your real costs?

Each establishment is different in terms of the resources implemented for reprocessing, storage, the number of endoscopes available and the number of procedures per year. Use our cost calculator to estimate how much it costs per day to use your reusable endoscopes.

→ [endovision.tsc-group.com/en/access-to-the-calculator/](https://endovision.tsc-group.com/en/access-to-the-calculator/)



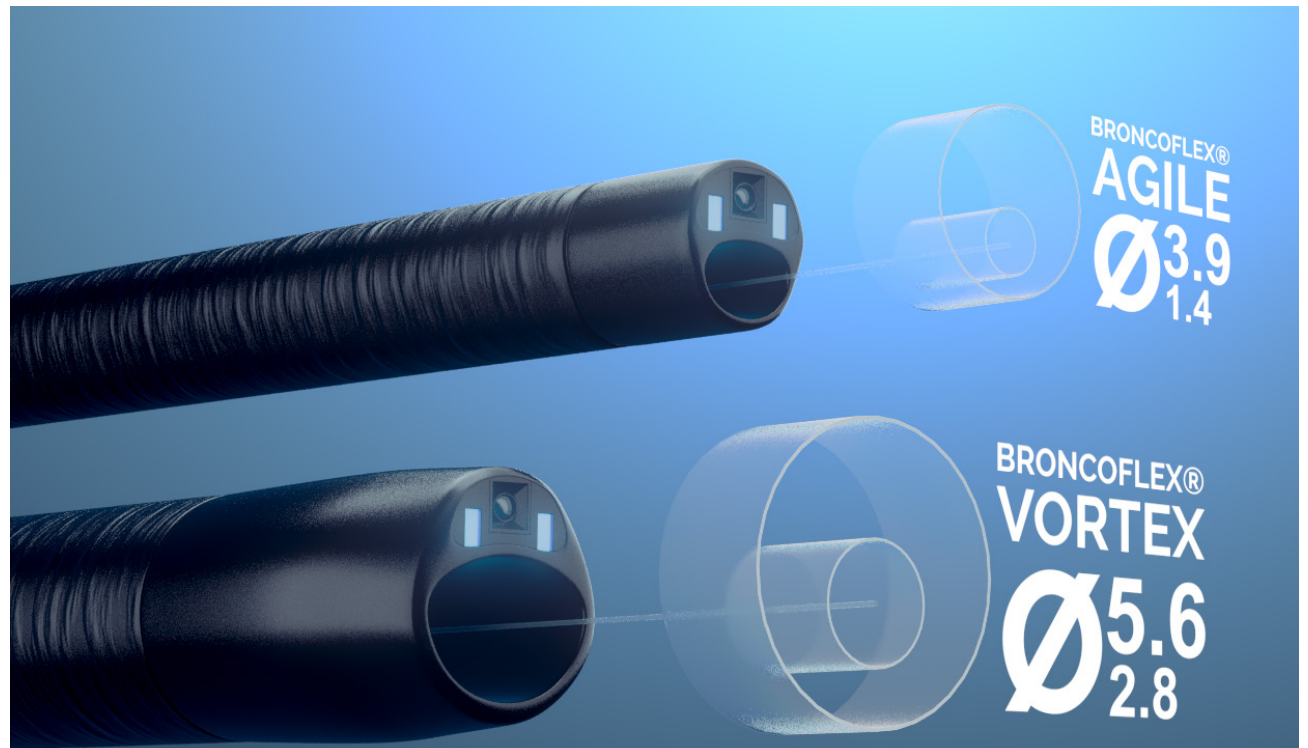
# THE BRONCOFLEX<sup>®</sup>, AN INNOVATIVE AND ECONOMIC SOLUTION

So that “single-use” does not mean “limited use”, ergonomics, manoeuvrability and image quality are central to the design of our systems.

The successful miniaturisation of our systems allows us to offer just two endoscope references, where three are usually required with standard single-use flexible bronchoscopes. These two devices cover the full range of bronchoscopy indications.

Their handling and main functions are similar to those of a reusable endoscope. The side access to the working channel facilitates the insertion and handling of instruments. A biopsy cap keeps the system leak-proof during the insertion of tools or a syringe. Once removed, a Luer-Lock connector directly incorporated into the handle makes it possible to connect a compatible syringe without any additional accessories.

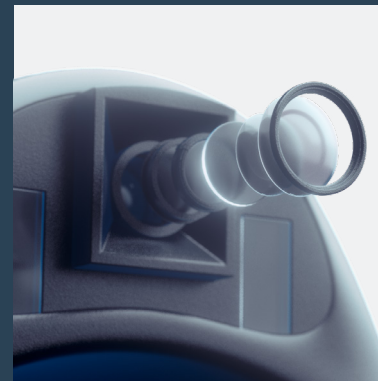
## HD VIEWING SYSTEM



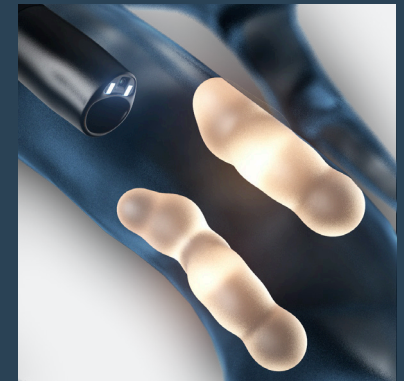
PRECISE, FLEXIBLE  
DEFLECTION MECHANISM



SUPERIOR  
IMAGE QUALITY



OPTIMIZED  
SUCTION



## TWO SIZES, MORE OPTIONS, LESS EXPENSE.

Compared with standard endoscopes with a 2.8 mm working channel and a wider distal diameter (6.3 mm), the Broncoflex® Vortex offers better compatibility with endotracheal tubes (6 mm)\*.

The small number of references and the product's ease of use limit errors when selecting the appropriate endotracheal tube size and generate additional savings.



\* Before each use, ensure that the Broncoflex® is compatible with all the non-powered endotherapy accessories and instruments used.



### ALWAYS READY

In its sterile packaging, the Broncoflex® can be stored on an emergency trolley ready to be used at any moment.

The Broncoflex® eliminates all the disinfection and maintenance constraints associated with reusable bronchoscopes that often lead to them being unavailable because they are undergoing a disinfection or repair cycle. Learned societies agree that intensive care units need to have access to a bronchoscope to handle unexpected problems during difficult intubations.<sup>(4) (5)</sup> The Broncoflex® can be easily stored in its sterile packaging and is always ready to use, in all circumstances and at any time.

### ALWAYS STERILE

Having access to a sterile bronchoscope in all circumstances reduces the risk of cross-contamination for patients and generates savings associated with any treatment and care.

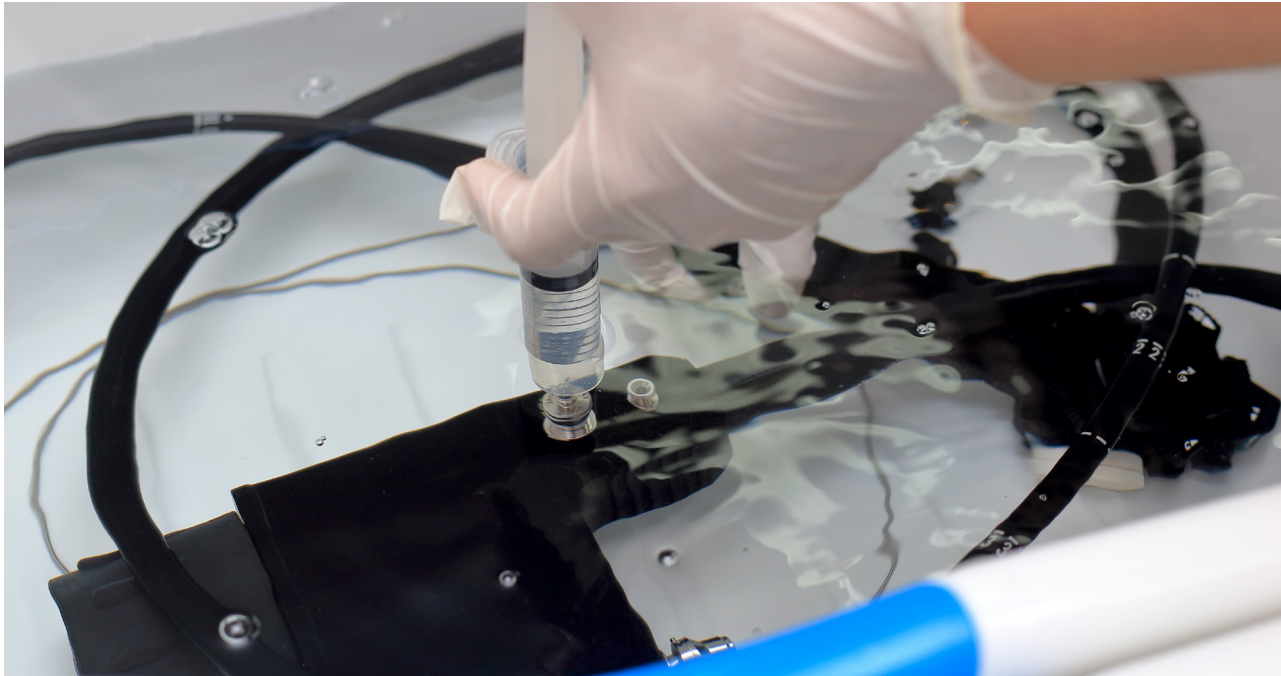
The risk of cross-contamination related to inadequate disinfection of a reusable endoscope during cleaning, rinsing, leak testing or drying phases is well documented in the literature.<sup>(6)</sup> The design of the devices makes reprocessing complicated and expensive. In fact, following disinfection, a biofilm can still form, particularly when the device has difficult-to-detect micro-cracks.<sup>(6) (7)</sup>

# ENVIRONMENTAL APPROACH

When developing and manufacturing its products, The Surgical Company makes every effort to limit their impact on the environment.

## LIMITATION OF WASTE AND EXPOSURE TO CHEMICALS

Using the Broncoflex® allows you to substantially reduce the amount of liquid waste, consumables and other protective equipment used during the reprocessing of reusable endoscopes. In addition, you also reduce repeated exposure of personnel to toxic chemicals contained in the reprocessing solutions used after each endoscopy procedure.



## MADE IN EUROPE

The Surgical Company manufactures and develops its endoscopes in Europe, more specifically in France (Tours). The majority of the components used to make the product come from French and European suppliers. The carbon cost generated by the transportation of the various components to the assembly site and the shipment of products to your hospital is also limited.



## RECYCLABLE PACKAGING

By design, the Broncoflex® limits the use of plastic and materials since the transport packaging used is made of recyclable cardboard. The heat-formed tray containing the endoscope is also recyclable, except for the Tyvek™ bag enclosing the sterile product.



## THE SURGICAL COMPANY

The Surgical Company has been developing and manufacturing single-use flexible endoscopes for more than 10 years. Drawing on this design and production expertise, it now proposes a new generation of bronchoscopes. Increasingly innovative and efficient, these address both the clinical constraints associated with the use of these devices in various hospital departments and the budget control requirements of healthcare establishments.

## CONTACT



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