

# BritePro Solo™

The Ready to Use, Complete Single-Use Laryngoscope System



ready  
when you are

**flexicare**  
TOTAL QUALITY - TOTAL CARE

## Why Single-Use?

Reusable Laryngoscope handles and blades are a potential source of cross-contamination and Hospital Acquired Infections, placing both patients and staff at risk.<sup>2,3</sup>

Handles and blades become contaminated during use and blood and protein can remain even after reprocessing.

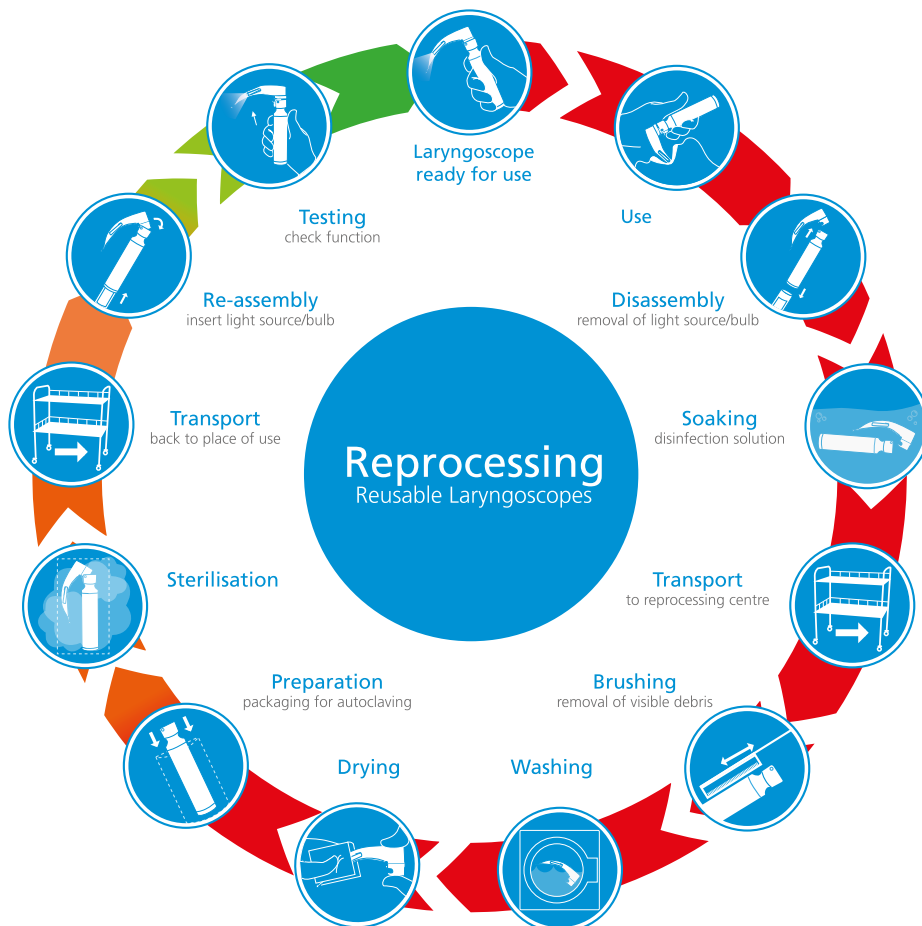
Germicidal wipes are ineffective in decontaminating laryngoscope handles. Studies show 75-86% of patient ready handles tested positive for bacterial contamination,<sup>4,5</sup> and 40% of handles remained contaminated with occult blood even after washing with a hospital approved agent.<sup>6</sup>

Guidelines recommend that reusable handles **cannot** be cleaned reliably, and incorrectly cleaned handles increase the risk of **cross-contamination** and need to be **sterilised**.<sup>1</sup>

## Sterilisation - How effective is it?

Laryngoscopes are considered high risk as they are regularly contaminated with blood, indicating penetration of mucous membranes. Current guidelines recommend high level disinfection or sterilisation.<sup>3</sup>

However, cleaning, disinfection and sterilisation is costly and labour intensive. The process is abrasive, causing damage and leading to reduced light output<sup>7,8</sup> which may result in lower rates of first time intubation success.<sup>9</sup>



Watch our Single-Use video online

[youtube/flexicaremedical](https://www.youtube.com/channel/UCfXicaremedical)

## Evidence shows that:

- Even after cleaning and sterilisation 20% of blades tested **positive** for **occult blood**<sup>6</sup>
- Sterilisation results in a **reduction in light output** intensity by 50-60% after 80 cycles<sup>3</sup> and up to 100% after 200 cycles<sup>10</sup>
- Reusable cost per use is **higher** than Single-Use laryngoscopes<sup>9,11</sup>
- **Additional expense** incurred to maintain sufficient inventory to accommodate sterilisation cycles and replace equipment due to damage and loss<sup>9,11</sup>

The number of adverse events increases with repeated attempts to intubate<sup>12</sup> endangering patient safety and outcomes.

## The Solution

BritePro Solo helps eliminate cross-contamination, eradicate costs and performance issues associated with reprocessing and sterilisation of reusable laryngoscope handles and blades.

BritePro Solo is cost effective,  
and new every time

Sterile packed, with no pre-use  
or post-use handling, maximising  
safety for both patients and staff

Simply open when needed,  
use and dispose

# BritePro™ Solo

The Ready to Use, Complete Single-Use Laryngoscope System

“Single-Use disposable equipment will remove the difficulties of reuse and decontamination procedures. The use of such equipment is to be encouraged.”  
- AAGBI Safety Guideline<sup>1</sup>



BritePro Solo consists of a sterile ergonomic handle with pre fitted batteries, bright LED light, and fibre optic all-metal blade. Simply open when needed, use and dispose.

## Complete

Sterile packed with pre-fitted batteries and exchangeable blade, BritePro Solo is ready to use straight out of the pack.

## Reliable

New every time, BritePro Solo function can be tested in-pack without compromising sterility.

## Performance

Unique textured grip delivers excellent control and feel, while the high intensity white light provides excellent visualisation.

## Reduced Handling Before and After Use

Take straight from the pack, use and safely dispose without removing the batteries, eliminating the risk of cross-contamination between patient and staff.

## Interchangeable Blades

Quick and easy exchange of blade type and size without having to open another Solo pack.

always  
ready

BritePro Solo is ideal for all clinical areas, including Operating Theatres, Resuscitation Trolleys, Adult, Paediatric and Neonatal Critical Care, Obstetric Delivery Suites and Emergency situations.

## BritePro™ Solo mini

For neonates and small infants, BritePro Solo Mini offers added benefits for the most delicate patients.

### Light Weight

Outstanding tactile feedback.

### Slimline Handle

Improved access in restricted spaces.

### Innovative Miller Blades

Lateralised fibre optic bundle for improved visualisation, and a broader, more rounded tip for a gentle touch.

### Low Profile

Ideal for smaller anatomies.



## BritePro™ Solo Stubby

Ergonomic barrel shape with textured surface fits securely in the hand, ensuring excellent grip and complete control.

40% shorter than the standard reusable handle makes the BritePro Solo Stubby ideal when space is limited

### Perfect for:

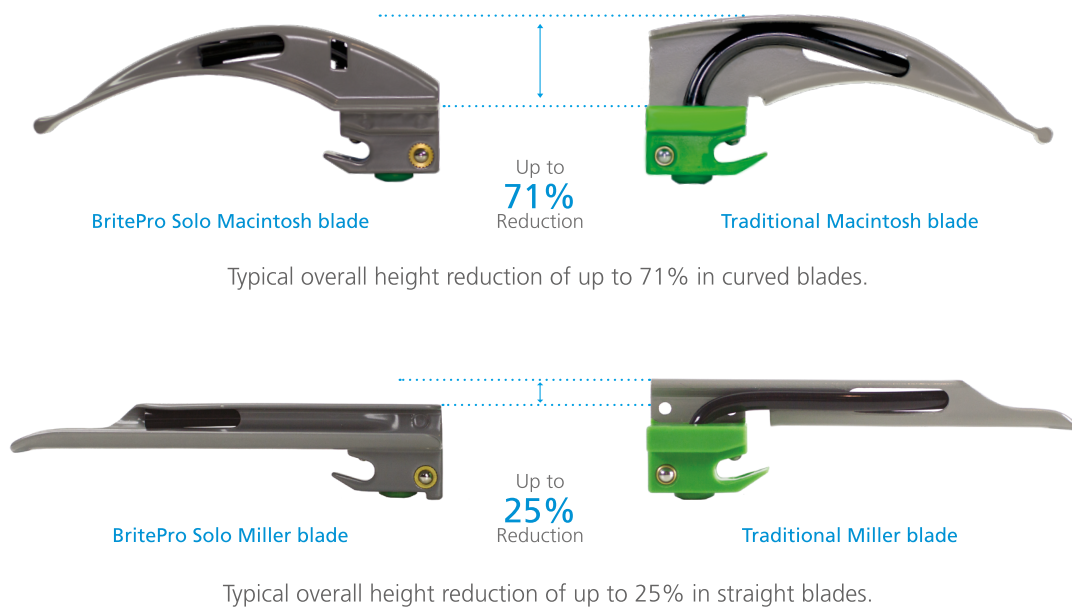
- Obstetrics
- Large breasted patients
- Obese/bariatric patients
- Patients with a short neck or restricted movement



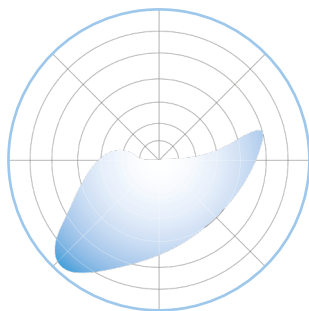
BritePro Solo Mini and BritePro Solo Stubby handles are fully compatible with Flexicare's range of Adult and Paediatric Speciality Blades.

## Ultra-Low Profile Blade

Flexicare's unique Ultra-Low Profile Blade helps reduce the risk of dental trauma, improves access with limited mouth opening, and increases manoeuvrability and vocal cord visualisation, even during difficult intubation.



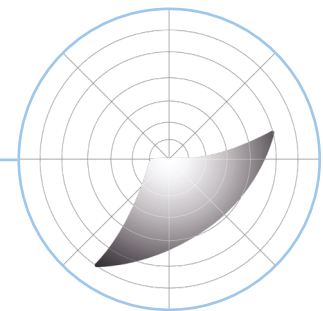
## Excellent Visualisation



**BritePro Solo**  
Lightspread

### Excellent Tissue Visualisation from Advanced LED Light

The lateralised and shrouded light bundle eliminates back-glare, providing an unrestricted view and direct illumination of the glottic area.



Traditional blade  
Lightspread

## References

- <sup>1</sup> Association of Anaesthetists of Great Britain and Ireland (AAGBI) Safety Guideline: Infection Control in Anaesthesia (2008)
- <sup>2</sup> Lowman W. Bacterial contamination of re-usable laryngoscope blades during the course of daily anaesthetic practice. SAMJ. June 2013
- <sup>3</sup> Machan.M. Infection Control Practices of Laryngoscope Blades: A Review of the Literature AANA 2012
- <sup>4</sup> Williams D, Dingley J, Jones C, Berry N. Contamination of Laryngoscope Handles. Journal of Hospital Infection (2010) 74, 123-128
- <sup>5</sup> Call T, Auerbach F, Riddell S, Kiska D, Thongrod S, Tham S, Nussmeier N. Nosocomial Contamination of Laryngoscope Handles: Challenging Current Guidelines. International Anesthesia Research Society (2009) Vol. 109, No. 2
- <sup>6</sup> Capt. Philips R.A et al. Incidence of visible and occult blood on laryngoscope blades and handles JAANA June 1997
- <sup>7</sup> Amour J, Le Manach Y, Borel M. Comparison of Single-Use and Reusable Metal Laryngoscope Blades for Orotracheal Intubation during Rapid Sequence Induction of Anesthesia. Anesthesiology (2010) 112:325-32
- <sup>8</sup> Nishiyama T. Changes in the Light Intensity of the Fiberoptic Laryngoscope Blade by Steam Sterilisation. International Anesthesia Research Society. Vol. 104, No. 4, April 2007
- <sup>9</sup> Vasquez C. Cost of Reprocessing Reusable Laryngoscopes. Glendale Adventist Hospital (2012)
- <sup>10</sup> Bucx.J. The effect of steam sterilisation at 134C on light intensity provided by fibrelight Macintosh laryngoscopes, Anesthesia, 1999, 54, 875-878
- <sup>11</sup> Whitener D. The cost of reusable vs Single-Use Laryngoscopes. Southeast Health August 8, 2012
- <sup>12</sup> Sakles. J. C. The Importance of First Pass Success When Performing Orotracheal Intubation in the Emergency Department. Acad Emerg Med.2013 January;20(1):71-78.doi:10.1111/acem.12055

no  
compromise

The innovative handle and unique blade design, combines the best in high performance and improved patient safety.



**BritePro Solo**

Sterile packed with blade and fitted batteries.

HANDLE +MAC	HANDLE +MILLER	DESCRIPTION	QUANTITY
-	040-340N	BritePro Solo Handle with Blade - Size 00	10
-	040-340	BritePro Solo Handle with Blade - Size 0	10
040-331	040-341	BritePro Solo Handle with Blade - Size 1	10
040-332	040-342	BritePro Solo Handle with Blade - Size 2	10
040-333	040-343	BritePro Solo Handle with Blade - Size 3	10
040-335	-	BritePro Solo Handle with Blade - Size 3.5	10
040-336	-	BritePro Solo Handle with Blade - Size 3 Strong Curve	10
040-334	040-344	BritePro Solo Handle with Blade - Size 4	10



**BritePro Solo Mini**

Sterile packed with blade and fitted batteries.

HANDLE +MILLER	DESCRIPTION	QUANTITY
040-350N	BritePro Solo Mini Handle with Blade - Size 00	10
040-350	BritePro Solo Mini Handle with Blade - Size 0	10
040-351	BritePro Solo Mini Handle with Blade - Size 1	10



**Handle Only**

Sterile packed with fitted batteries

040-310	BritePro Solo Handle	20
040-309	BritePro Solo Mini Handle	20
040-03-0000	BritePro Solo Stubby Handle	20

All Blades and Handles conform to EN ISO 7376:2009



[www.flexicare.com](http://www.flexicare.com)

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