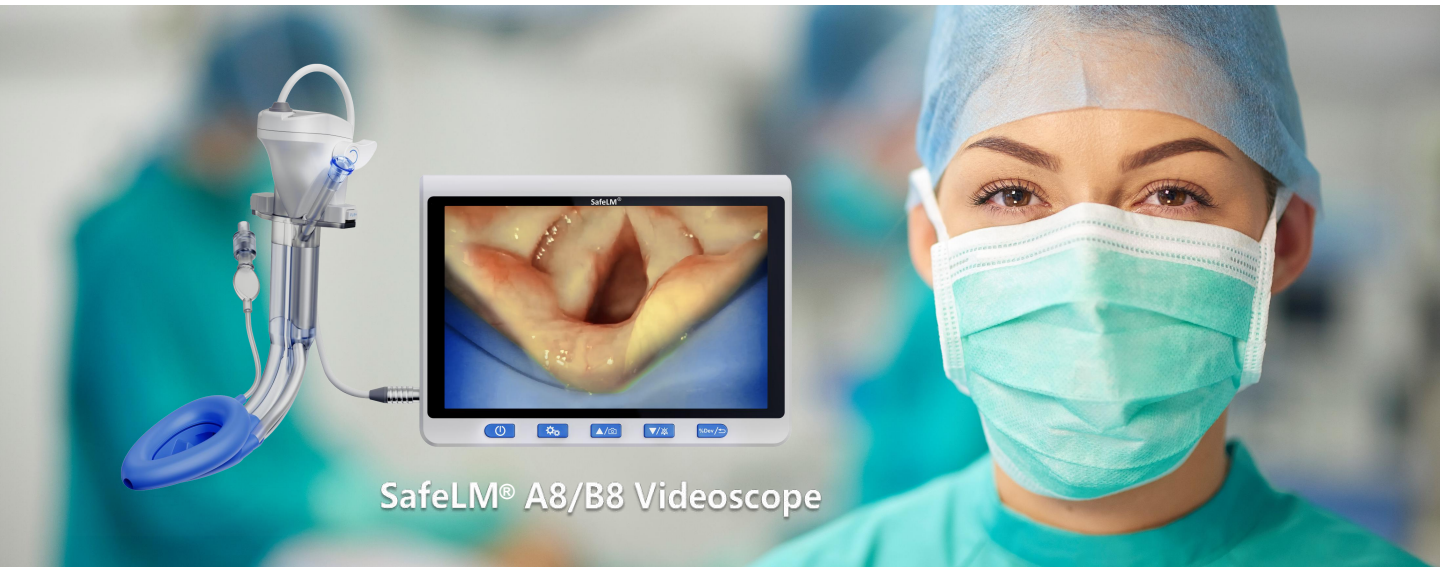
Magill Medical

SafeLM® Video Laryngeal Mask System

The First and Only Video Laryngeal Mask with an Adjustable Camera



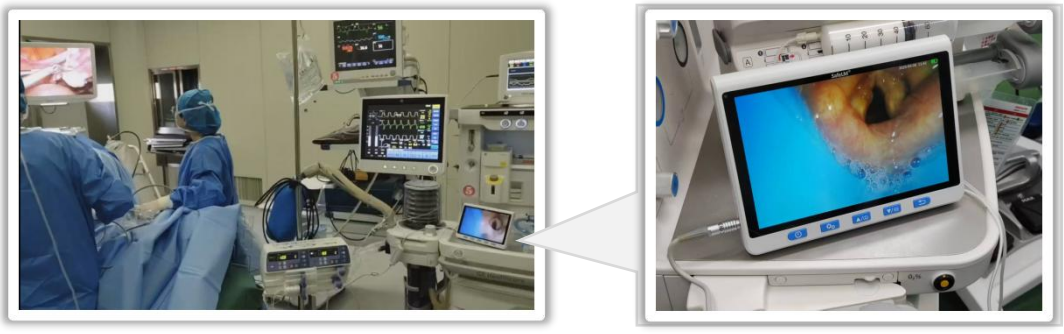
Seeing Forward and Breaking Limitations

Why SafeLM®

Laryngeal masks, also known as supraglottic airways (SGAs), have been widely used for airway management for over 30 years. Numerous studies have shown that, when properly positioned, SGAs can be as safe as endotracheal tubes (ETTs). However, in real-world clinical practice, issues such as air leakage, airway obstruction, unintentional displacement, and the risk of aspiration often limit their use to shorter and simpler procedures. A study published in the British Journal of Anaesthesia identified a key reason for these limitations: malpositioning, which occurs in 50–80% of blind laryngeal mask insertions.[4] As a result, video laryngeal masks are emerging as the next generation of SGAs—and potentially the future of airway management.[5]

Advantages of SGA in Laparoscopic Surgery

1. **SGAs offer better hemodynamic stability than ETTs during laparoscopic surgery.[2,6,7]**
2. **SGAs are associated with lower rates of airway-related complications compared to ETTs.[1,7-9]**
3. **Patients using SGAs tend to have shorter discharge times than those managed with ETTs.[6]**



Reference

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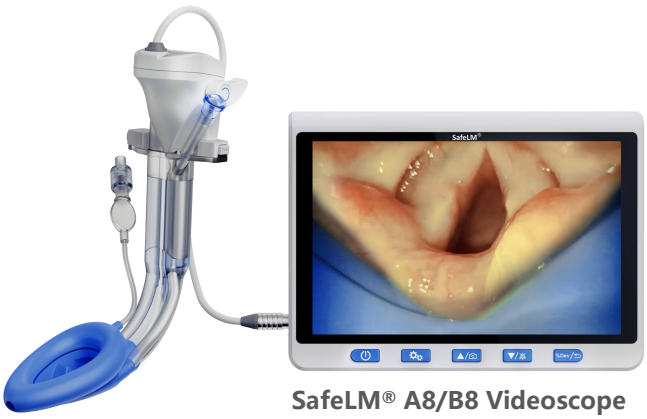

SafeLM® A8/B8 Videoscope

① Power
② Multifunction
③ Increase Value/Image Capture
④ Decrease Value/Mute
⑤ Return/Activate (Deactivate) Image Deviation Comparison

Advantages of SafeLM® A8/B8 Videoscope

1. **Provides continuous, real-time visualization of airway secretions and mask positioning throughout the entire procedure**
2. **Image deviation comparison helps detect mask displacement or signs of regurgitation early**
3. **Enables video-guided intubation while maintaining oxygenation—ideal for managing difficult airways**
4. **Supports video-assisted extubation for high-risk patients or complex procedures involving difficult extubation**
5. **Broadens the clinical use of SGAs, helping to avoid unnecessary intubations, lower drug costs, reduce postoperative complications, and enhance recovery times in line with ERAS protocols**
6. **Saves surgical time, increases operating room efficiency, and enhances overall hospital performance**
7. **High oropharyngeal leak pressure (OLP) of up to 35–40 cmH_2O**

Image Deviation Comparison Function

During the procedure, if laryngeal mask displacement or regurgitation occurs, the real-time image captured by the A8/B8 videoscope may show noticeable deviation. This image deviation detection feature helps the operator by providing visual cues or notifications, enabling early identification of mask misplacement or regurgitation.

Notifcation

Image Deviation Comparison function only serves assistive and notifying purposes. Users should set parameters and take appropriate measures complying with relevant safety guidelines and regulations base on clinical needs when using this function.

Video Laryngeal Mask Size	#2	#2.5	#3	#4	#5
Videoscope	B8		A8		
Patient Weight/Kg	10-20	20-30	30-50	50-70	70 -100
Recommended Cuff Vol./ml	10	14	20	30	40
Max. Cuff Vol./ml	15	21	30	45	60
Max. Endotracheal Tube Allowed ID/mm	-	-	6.5	7.0	7.0
Max. Orogastric Tube Allow/Fr.	10	10	14	14	14

Magill Medical Technology
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For more information, please contact