

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.**¹ As a result, video laryngeal masks are emerging as the next generation of SGAs—and potentially the future of airway management.²

Advantages of SafeLM®

1. Video-guided placement improves first-attempt success and ensures correct positioning.
2. Continuous real-time inspection and monitoring of airway secretions and mask position throughout the procedure
3. Easy to learn and use, reducing training time and cost
4. Video-guided intubation with continuous oxygenation support for difficult airways
5. Video-guided extubation for complex patients and procedures
6. Expands SGA indications, reducing unnecessary intubation, lowering drug use and cost, minimizing post-surgical complication, and supporting fast recovery (ERAS)
7. Save surgical time while improving operating room efficiency and overall hospital performance

1. A. A. J. Van Zundert et al, Malpositioning of supraglottic airway devices: preventive and corrective strategies British Journal of Anaesthesia 116 (5): 579–82 (2016)

2. A. A. J. Van Zundert et al, The case for a 3rd generation supraglottic airway device facilitating direct vision placement. Journal of Clinical Monitoring and Computing (2021) 35:217–224



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For more information, please contact

SafeLM® Video Laryngeal Mask System

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Airway Channel

IPS Screen

Power/Function Button

Image Capture Button
/Automatic Loop Record

Gastric drainage channel

Angulation Handle

Release Button



Adjustable Camera

Airway Tube (PVC)

Inflation Channels

Cuff (Silicone)



Video Laryngeal Mask Size	#2	#2.5	#3	#4	#5
Videoscope	MGL-SP-C		MGL-SP-6		
Patient Weight/Kg	10-20	20-30	30-50	50-70	70 -100
Recommended Cuff Vol./ml	10	14	20	30	30
Max. Cuff Vol./ml	15	21	30	45	45
Max. Endotracheal Tube Allowed ID/mm	-	-	6.5	7.0	7.0
Max. Orogastric Tube Allow/Fr.	10	10	14	14	14

- SafeLM®Video laryngeal mask system includes videoscope and disposable video laryngeal mask
- Manufacturer: Changsha Magill Medical Technology Co., Ltd. Add: No. 41, Yannong Road, Changsha, Hunan, China
- CE MDR Registration Number: Video Laryngeal Mask: HZ2248988-1 Videoscope: DE/CA20/00180441
- FDA Regulation Number: Disposable Video Laryngeal Mask: 868.5110 Videoscope: 868.5530