McGRATH®
MAC EMS
Video Laryngoscope

Designed & manufactured by Aircraft Medical

Distributed by Physio-Control
Endotracheal intubation is the gold standard for securing a patient’s airway—and one of the most important skills paramedics perform. Its difficulty in the hospital setting is topped by the unique challenges faced in EMS.

Whether it’s a patient with cervical spine trauma or a patient that cannot be removed from a dim and inaccessible location, paramedics are frequently required to intubate in suboptimal conditions that increase the challenge of an already difficult skill.
Video laryngoscopy can assist paramedics by maximizing visualization of the airway.

Video laryngoscopy can assist paramedics by maximizing visualization of the airway. Studies have shown that video laryngoscopes can improve laryngeal view. They also provide paramedics with the ability to better visualize the airway when the condition of the patient or scene prohibits them from obtaining a sufficient direct view.
McGRATH® MAC EMS is designed and built for EMS professionals.

Unlike many video laryngoscopes, the McGRATH® MAC EMS is based on familiar Macintosh-like curvature, thereby enabling paramedics to utilize and reinforce existing direct laryngoscopy skills, employ video laryngoscopy with limited training, and maintain a direct glottic view.

**Direct and indirect view in a single device**

The McGRATH® MAC EMS enables providers to maintain both a direct and indirect view of the patient’s airway. Unlike many other video laryngoscopes, the McGRATH® MAC EMS doesn’t require paramedics to relinquish their direct view in order to incorporate video laryngoscopy.

**Use and maintain existing direct laryngoscopy skills**

The familiar Macintosh-like curvature of the McGRATH® MAC Disposable Laryngoscope blade requires no additional training and employs traditional Macintosh laryngoscopy skills to facilitate the quickest and least complicated tube placement while reinforcing direct laryngoscopy skills with every use.
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McGRATH® MAC EMS is designed and built for EMS professionals.
The McGRATH® MAC EMS is designed to improve visualization of the airway compared to direct laryngoscopy. The combination of the anterior camera angle and the unique slim-line blade can improve the Cormack and Lehane grade of view by 1–2 grades.²,⁴

**Anterior camera angle provides wider range of visualization**

The anterior camera angle enables the provider to see anatomy that is too far anterior to view directly. Because emergent intubations don’t give providers the ability to evaluate the difficulty of a patient’s airway ahead of time, being prepared for the wide variety of anatomic differences that can result in a difficult airway gives you confidence that you have the right tool for every intubation.
McGRATH® MAC EMS improves your view in routine to extreme intubations

**Slim-Line blade provides maneuverability**

The McGRATH® MAC EMS disposable laryngoscope blade reduces blade width to 11.9mm at the mouth area and is significantly slimmer than the wedge-shaped direct laryngoscope, providing greater ability to maneuver the device without pressing on the teeth. This can be particularly useful in small mouth openings and nasal intubations.

**Portrait view monitor helps reduce ‘blind spot’ soft palate injury risks**

The combination of the slim-line McGRATH® MAC Disposable Laryngoscope blade and the McGRATH® MAC EMS portrait screen is designed to help reduce the risk of soft palate injury caused by ‘blind-spot’ and misplaced stylet-supported tubes. The portrait orientation of the optics allows an increased area of the soft palate to be visualized during tube placement.

**The McGRATH® X blade™**

The McGRATH® X blade is a sterile disposable single use blade that adds extreme airway capability by providing a sweeping curvature which is considerably more acute than the Macintosh-like McGRATH® MAC blades—ideal for patients with extreme anterior airways or where minimal manipulation is a requirement*.

*Intubation Difficulty Scale >>

- Routine Airway
- Difficult Airway
- Extreme Airway
McGRATH® MAC EMS is built tough and easy to own

McGRATH® MAC EMS is built tough for EMS
Tough, robust and reliable to withstand demanding EMS environments
The McGRATH® MAC EMS CameraStick™ is reinforced with a steel-cored alloy chassis. It has been tested to twice industry standards with an IPX7 rating to give complete reassurance.

Completely portable
The compact and cable-free McGRATH® MAC EMS reduces valuable set-up time. It provides a portable solution that paramedics can carry with them, and the incorporated 2.5” LCD monitor display keeps focus on the patient.

Fully immersible handle
The McGRATH® MAC EMS handle can be disinfected using various disinfection techniques, including immersing the handle in high-level disinfection solution.

Long lasting battery provides peace of mind
The McGRATH® MAC EMS utilizes 3.6V lithium power cells, which provide up to 250 minutes of usage. A representation of minutes remaining is displayed on screen. The on/off power switch is integrated into the battery pack, so when a new battery is fitted, the on/off function is renewed, keeping the product young.
The McGRATH® MAC EMS low cost of ownership allows EMS systems to afford the use of video laryngoscopy in routine use. Unlike some video laryngoscopes, the McGRATH® MAC Disposable Laryngoscope blades are high performance, low-cost, single-use sterile blades—enabling you to keep cost of ownership low.

**Pricing Comparison**

- McGRATH® MAC EMS (illustrative pricing only)
- Other video laryngoscope (example: $8,000 handle with $12 blade)
- Other video laryngoscope (example: $1,000 handle with $25 blade)
...being prepared for the wide variety of anatomic differences that can result in a difficult airway gives you confidence that you have the right tool for every intubation.
McGRATH® MAC EMS can assist with the unique challenges of EMS environments

EMS providers face unique challenges in intubating many patients. Whether attempting to intubate a patient with cervical spine trauma or one that cannot be moved from a dim, inaccessible, or otherwise suboptimal environment, the McGRATH® MAC EMS is a tool to provide additional visualization.

**Studies have shown that intubation with the McGRATH® MAC EMS:**

1. is quicker than with a direct-only Macintosh laryngoscope in patients with cervical spine immobilization
2. can reduce the number of intubation attempts and blade changes when used as a first-line device
3. can assist in more quickly removing obstructions with Suzy™ forceps due to the slim-line blade
References


All claims valid as of June 2015.
For further information please contact your local Physio-Control representative or visit our website at www.physio-control.com