

# McGRATH<sup>®</sup> MAC

AIRCRAFT  
MEDICAL



Is it time you improved  
your Grades ?

Is it time you lowered  
your costs ?

Routine  
& DA  
support

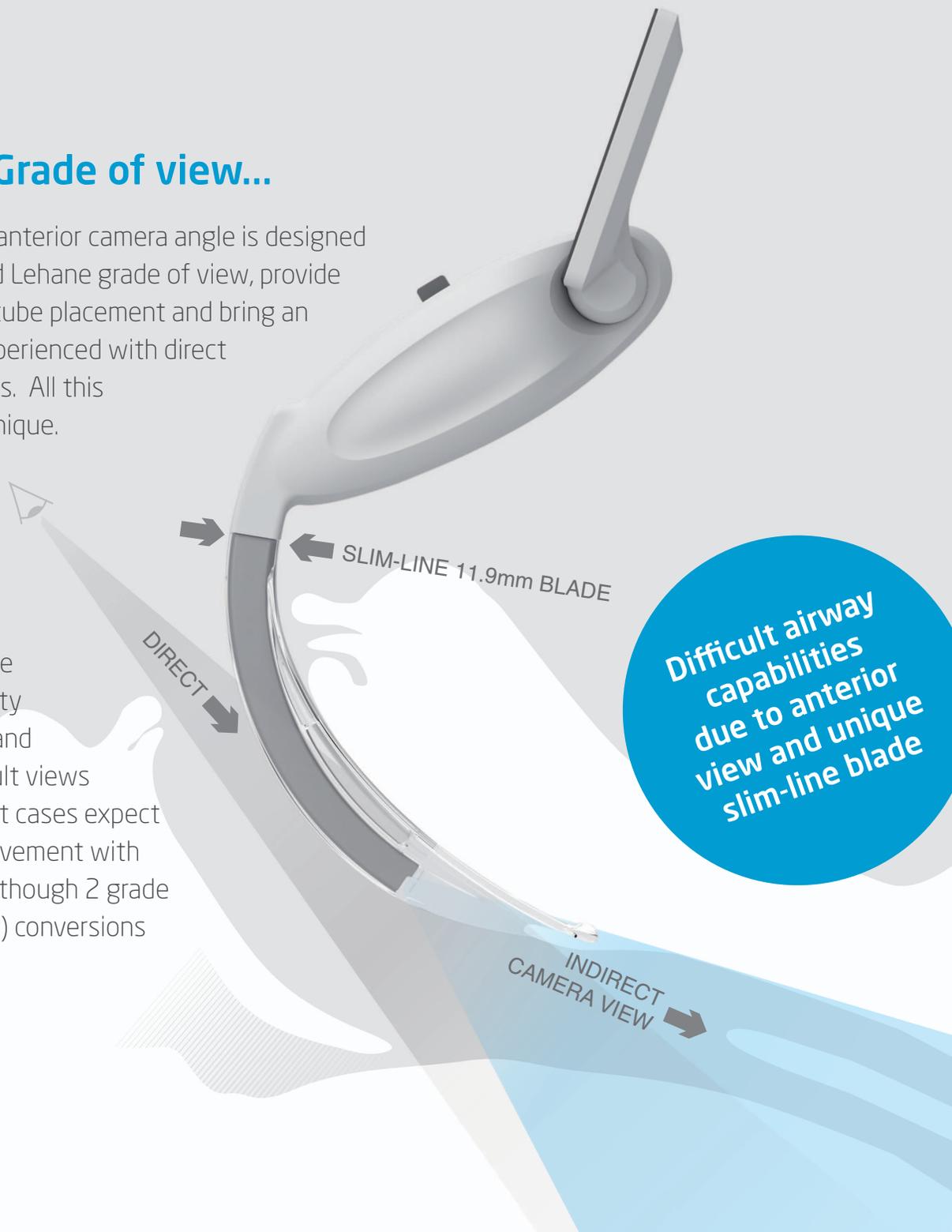


## Improve your Grade of view...

The McGRATH® MAC's anterior camera angle is designed to improve Cormack and Lehane grade of view, provide better confirmation of tube placement and bring an end to tunnel vision experienced with direct view only laryngoscopes. All this with no change in technique.

A major advantage for even the most straightforward intubations.

For more difficult cases the anterior image can reduce the possibility of blind tube insertion and obtain otherwise difficult views with little force. In most cases expect a 1 grade of view improvement with the McGRATH® MAC, although 2 grade and 3 grade (yes, 4 to 1) conversions have been achieved!



## And there's more...

### Compact & easy to use - "switch-on-&-go" technology

Cable free design means the McGRATH® MAC can go anywhere with you or the patient, reducing valuable set-up time. On board display keeps attention on the patient.

### Long life lithium battery technology

Using a long lasting power source means you have a device that's always ready to use. The accurate minute-by-minute on screen battery charge indicator provides peace of mind.

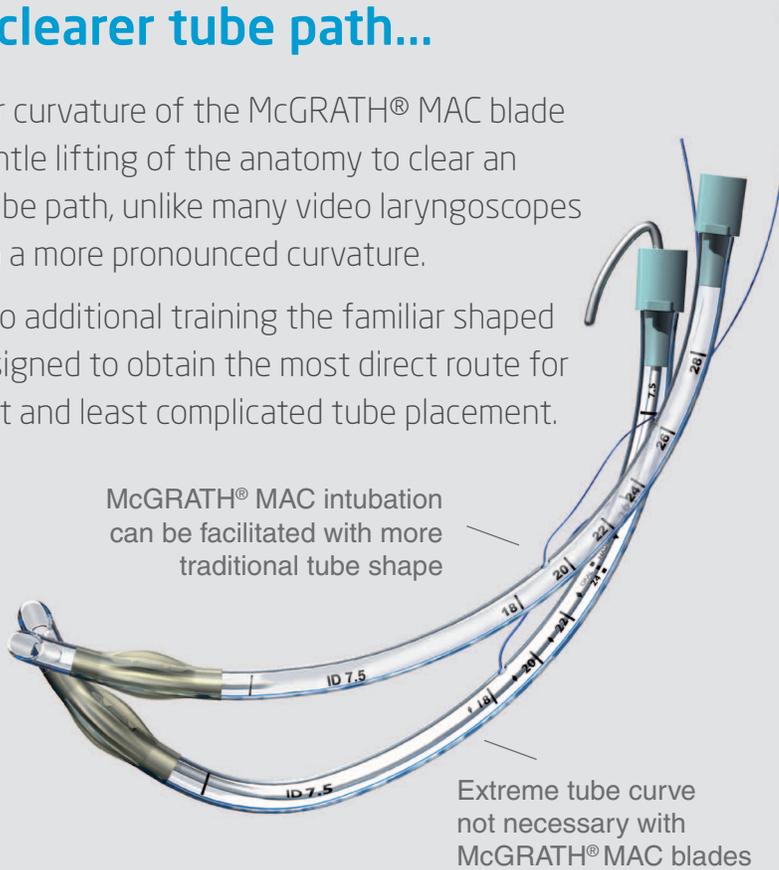
### Tough, robust & reliable - steel-cored alloy chassis

The McGRATH® MAC is made to withstand tough clinical environments. Re-inforced with a steel-cored alloy chassis, it has been tested to twice industry standards to give you complete reassurance.

## Gain a clearer tube path...

The familiar curvature of the McGRATH® MAC blade enables gentle lifting of the anatomy to clear an optimum tube path, unlike many video laryngoscopes blades with a more pronounced curvature.

Requiring no additional training the familiar shaped blade is designed to obtain the most direct route for the quickest and least complicated tube placement.



## Experience a dental friendly 11.9mm slim-line blade...

The new McGRATH® MAC slim-line blade reduces blade width at the mouth area, providing you with greater ability to maneuver the device without pressing on the teeth. This can be a benefit in all cases but particularly in small mouth openings, nasal intubations and preoperative assessments.

The McGRATH® MAC blade is made from a robust optical polymer and supported by an internal reinforced CameraStick™ giving 'steel-like' rigidity.

### Blindspot reduction - enhanced tube confirmation

Vertically aligned optics and screen format enables early tube visualization to expedite intubation and address tube trauma. The 2.5" screen allows shared viewers a clear and improved anatomical view.

### Easy to clean

Infection control is achieved with sterile packaged blades and immersible handle for High Level Disinfection.

### Fog-free

Be fog-free every time with hydrophilic optical surfaces to eliminate moisture droplets forming.

## Why make the McGRATH® MAC your tool of choice:

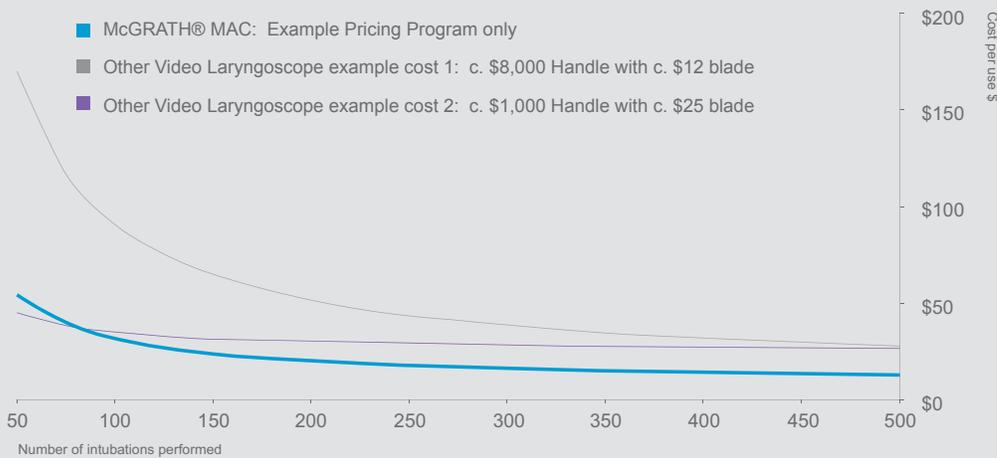
- Reduced need for multiple devices: supports routine & difficult airway management.
- Improve your grade of view with an anterior camera angle.
- Obtains clearest and quickest tube path: gentle curvature of blade lifts anatomy.
- Dental friendly 11.9mm slim-line blade for increased agility and patient access.
- Reduced tube blindspot with vertically aligned optics designed to reduce risk of tube induced trauma.
- No additional training required - Macintosh style blade employs learned skills.
- Be fog-free every time with hydrophilic optical surfaces to eliminate moisture droplets forming.
- The first video laryngoscope designed & priced for everyday use.

**Reduce your costs. See cost comparison over page >>**

# Cost of use comparison against other video laryngoscopes:

Aircraft Medical's goal is to move video laryngoscope technology into everyday clinical use and to lower the cost towards \$10 per use. This is achieved by offering low cost capital handles with low cost single use blades and what we believe to be market leading clinical and technical advantages presented by the all new McGRATH® MAC video laryngoscope.

This chart below illustrates the cost per use of the McGRATH® MAC against two competing video laryngoscopes. The chart illustrates the combined cost of a device with single use blades from 50 to 500 uses (for example purposes only).



## Technical specifications

### McGRATH® MAC Handle

Size: 180mm x 68mm x 110mm  
 Weight: 200g  
 Power: Proprietary 3.6V Lithium Battery Pack (c. 250 minutes)  
 Light source: High intensity LED  
 Display: 2.5" LCD colour display  
 Camera: CMOS  
 Materials: Durable medical grade thermoplastics with reinforced structural alloy core. The device and packaging are latex free

### McGRATH® MAC Disposable Blades

Material: Fog-free medical grade optical polymer  
 Packaging: Packaged sterile for single use

### Regulatory

This product complies with EN 60601-1 and EN 60601-1-2 safety standards. The CE mark indicates that it meets the requirements of European Council Directive 93/42/EEC concerning medical devices.

The device is regulated in the USA under FDA Regulation Number 868.5540 and device listed under the name McGRATH MAC.

"McGRATH" and "Aircraft" are registered trademarks of Aircraft Medical Limited.

"CameraStick" is a trademark of Aircraft Medical Limited.

International patents granted and pending.



## Message from Matt

“ When I founded Aircraft Medical in 2001 my question was simple – can I produce the world's first fully portable video laryngoscope. My original product, the McGRATH® Series 5, was conceived in 1999 as part of a student design competition in the UK. It went on to found what is now a rapidly emerging portable video laryngoscope market.

I truly believe the clinical benefits of enhanced visualization should be a permanent feature for all laryngoscopes. In developing the McGRATH® MAC my question was simple – how can we standardize video for all airway management. We started by designing out complexity and cost to create a simple and robust new laryngoscope with powerful advantages.

The McGRATH® MAC strikes the right balance between its anterior visualisation capability and ease of tube placement in everyday clinical practice. Permanent video offers improved communication between colleagues (sharing the visual field) and equips you to better address more difficult cases as they arise. The McGRATH® MAC is complimentary to the Series 5, which is designed for more uncommon extreme anterior airways.

I am passionate about providing clinicians with products that are intuitive to use, safer for the patient and more affordable. I look forward to continuing this work, with clinicians playing the lead role.

*Matt McGrath*

Matt McGrath,  
 CEO & Founder  
 Aircraft Medical

For demonstrations and quotes please contact your local representative, details can be found at [www.aircraftmedical.com](http://www.aircraftmedical.com)

