Medtronic

McGRATH™ MAC+ video laryngoscope

See the bigger picture

Redefine routine intubation

The McGRATH™ MAC+ video laryngoscope offers more than just a clear view of the airway. With a bigger, brighter screen,† seamless streaming and exclusive CaseCapture™ retrospective recording functionality, it transforms routine intubations into opportunities for better team collaboration,[1,2] training,[1,2] and first-pass success.‡[,3,4]

Redefine how you work, see the bigger picture of what video laryngoscopy can achieve.

† compared to the McGRATH™ MAC video laryngoscope.
‡ based on evidence comparing the McGRATH™ MAC video laryngoscope with direct laryngoscope and other video laryngoscopes.

Redefine your routine

The McGRATH™ MAC+ video laryngoscope was designed with advanced, workflow-friendly features to empower clinicians and elevate routine intubation.

Built on the familiar, ergonomic design of its predecessor,[5] the McGRATH MAC+ video laryngoscope adds new features to a device already trusted by clinicians around the world. The **45% larger, 4.5x higher resolution screen**† gives a clear, unobstructed view of the airway, helping to improve first-pass success.[‡,3,4]

Some video laryngoscopes in the market require clinicians to install apps, connect to Wi-Fi, use a cable, or change the handle screen to be able to stream to a bigger screen. The McGRATH™ MAC+ video laryngoscope doesn't, making it easy to enhance training,[1,2] situational awareness[1,2] and team collaboration[1,2] during procedures.

The exclusive CaseCapture™ technology allows clinicians to retrospectively capture the whole case regardless of when recording is initiated prior to device powering off. This transforms every intubation into an opportunity to review, learn, and improve.[1,2]

With the McGRATH™ MAC+ video laryngoscope, you don't just see the airway, you see the bigger picture.

45%
larger screen†

4.5x
higher resolution†

Seamless streaming, retrospective recording

† compared to the McGRATH™ MAC video laryngoscope.
‡ based on evidence comparing the McGRATH™ MAC video laryngoscope with direct laryngoscope and other video laryngoscopes.

Why choose McGRATH™ MAC+ video laryngoscope?

No app, Wi-Fi, cables, bluetooth, or handle screen replacement needed to stream

Same ergonomic, better visualization:

The McGRATH™ MAC+ video laryngoscope has a **45% larger screen** and **4.5x higher resolution screen**† than its predecessor, while retaining the same ergonomic design[5] that clinicians love.

Stream, save, share:

Seamless streaming.
Stream intubations live to any HDMI display, letting your team watch every move in real-time. The McGRATH™ MAC+ video laryngoscope uses the proprietary ProxiLinq™ wireless technology to internally connect the McGRATH™ MAC+ handle and the McGRATH™ relay, eliminating the need for apps, Wi-Fi, Bluetooth, or cables. Simple pair the relay and the external screen once, the device will automatically stream every time it is turned on.

Record. Share. Collaborate.
Never miss a case again. CaseCapture™ retrospectively records your entire procedure – even if you hit record at the end – so every moment becomes a chance to learn and enhance care.[1,2]

Workflow-friendly:

Every element of the McGRATH™ MAC+ video laryngoscope is engineered to support clinical workflow. Its wireless charging system supports up to five rechargeable, removable batteries, ensuring a fully charged battery is always available. Seamless streaming, retrospective recording, and automatic file storage enhance functionality without adding workflow burden. Its rechargeable batteries also offer a more sustainable solution for hospitals.[‡,6,7]

Enhance training and collaboration:

Ideal for teaching and training,[1,2] empowering residents and fellows to tackle more difficult cases with supervisors supporting from second-screen viewing. Streaming enables real-time guidance during intubation without compromising situational awareness.[1,2] Post-procedure recording review creates a complete learning loop for continuous improvement.

† compared to the McGRATH™ MAC video laryngoscope.
‡ compared to the McGRATH™ disposable battery.
§ based on evidence comparing the McGRATH™ MAC video laryngoscope with direct laryngoscope and other video laryngoscopes.

Higher first-pass success than direct laryngoscope and other video laryngoscopes.[§,3,4]

Capture your entire case with exclusive CaseCapture™ retrospective recording

ProxiLinq™ relay connection

Interchangeable, rechargeable batteries

McGRATH™ MAC+ video laryngoscope vs. McGRATH™ MAC video laryngoscope

Feature	McGRATH™ MAC video laryngoscope[8]	McGRATH™ MAC+ video laryngoscope[9]
Weight	0.180 kg	0.172 kg
Screen resolution	320x240	720x480 (4.5X higher resolution)
Screen size	2.4 inch	3 inches (45% increase)
IP rating	IPX 8	IPX 8
Battery type	Disposable and rechargeable batteries with auto-off feature	Rechargeable battery with auto-off feature
Blade types	MAC blade size 1-4, hyperangulated blade size X3	MAC blade size 1-4, hyperangulated blade size X3
Streaming and file management	N/A	Yes
Video recording	N/A	Yes
Touch screen	N/A	Yes
Still image capture	N/A	Yes
File storage (video and still image)	N/A	Yes
Wireless connectivity	N/A	Yes

Technical specifications

McGRATH™ MAC+ video laryngoscope[9]	
Size	190 mm x 68 mm x 110 mm
Weight	0.172 kg
Internally powered	McGRATH™ rechargeable battery† typically 60 minutes of use on a full charge
Protection	IPX8 Pay attention to the effects of lint, dust, light (including sunlight), etc.
Light source	LED
Display	3" LCD color display
Camera	CMOS
RFID	Transmitting frequency: 13.56MHz, Output power: -0.24dBμA/m
Useful life	4 years or 2000 decontamination cycles

† Where the ambient temperature is 20°C, battery life may vary where the ambient temperature is higher or lower.
Do not store batteries or devices with batteries at more than 40°C (104°F). Doing so will shorten the life of the battery.

For trained personnel only. For specific indications and instructions for use, please refer to the product manual.

References

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