

# Letter To The Editor: New Digital Video Intubation Device

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## Abstract

Digital video intubation is leading the way into a refreshing trend to change traditional endotracheal intubation and bring 21 century low cost, hand held digital technology to the medical emergency field. The RES-Q-SCOPE(R) is one of the first products to address well known issues plaguing endotracheal intubation for many years and drastically simplify the procedure.

The RES-Q-SCOPE ® (<http://www.res-q-tech-na.com> for full details and video) may be considered essential in combat and mass casualties, for paramedics, first responders teams and in the emergency rooms. The state of the art hand held FIELD VIDEO LARYNGOSCOPE is self contained and uses a rechargeable power source. It features a pre-loaded standard 6-8.5mm Endotracheal Tube with disposability advantages enabling rapid serial intubations in the field and rapid establishment of an airway.

The RES-Q-SCOPE ® is a patented and FDA registered, multifunction field video laryngoscope, which uses cutting edge digital image technology featuring a 2.75" color LCD screen to externally visualize the intubation process in the field. The RES-Q-SCOPE ® requires modest training to slide the device into position to visualize the epiglottis with little effort. There should be minimal need, if any, to re-position the C-spine in case of suspected neck injury. Furthermore, the RES-Q-SCOPE ® itself features a channel where a standard endotracheal tube can be easily pre-loaded into the device. A light source for external visualization of

the intubation process, as the endotracheal tube passes into the trachea. The process can be seen through a small color LCD screen, which has the ability to adopt multiple positions, so that the practitioner can be located at the side of the patient or at multiple other positions around the patient. A vacuum source can be attached to an external adapter provided, to assist clearing fluids that may be present in the throat. The same channel can be reversibly, used to provide oxygen if needed. A disposable unit can be easily detached and discarded. Multiple clean intubations may be performed in the field by simply attaching a new disposable unit, thus allowing for serial intubation of multiple patients in a disaster theater or emergency scene. The RES-Q-SCOPE ® is powered with a rechargeable long duration battery, also allowing for serial intubations when needed. An additional and emergency dry cell pack is also available using 4 AA's to use under extreme conditions such as the battlefield.

The RES-Q-SCOPE ® is a product designed to improve the chances of saving a life in a respiratory emergency where it occurs. It is considered essential in disaster preparation and emergency response of all kinds including combat emergencies. Complete information and description and video, can be obtained by visiting <http://www.res-q-tech-na.com> and watch a video of a conscious intubation under LCD screen visualization. This technology is readily available at an extremely low cost (whole kit for around \$400-\$500).

## References

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