

Ambu[®] aScope[™] 4 RhinoLaryngo in acute ENT clinic settings

About Royal Liverpool and Broadgreen University Hospital NHS Trust

Royal Liverpool University Hospital and Broadgreen Hospital are part of Liverpool University Hospitals NHS Foundation Trust. The hospitals provide general services to the population of Liverpool with one of the busiest emergency departments in the North West. The Ear, Nose and Throat (ENT) department is in the Alexandra Wing of Broadgreen Hospital and offers a full range of adult ENT services.



The clinical challenge

The ENT department at Royal Liverpool and Broadgreen University Hospitals is one of the busiest as it receives around 30,000 outpatient appointments and 2,000 new referrals each year, and it also offers a two-week cancer screening service. With the increasing number of patients and administrative loads, and the requirement to conduct research, doctors have several competing demands that often mean there is insufficient time to teach and supervise medical students or junior colleagues. The pressure on doctors with teaching responsibilities is likely to increase with the growing emphasis on problem-based teaching. Flexible nasal endoscopic examination is the routinely used method for the examination of upper airways. However, only one clinician can view through the eyepiece of conventional endoscopes at any one time, and it is not possible to demonstrate or teach simultaneously. Besides, repeating endoscopy might be necessary for acute settings by various specialities, such as consultants and anaesthetists. The challenge at the ENT department at Royal Liverpool and Broadgreen University Hospitals, like many other ENT departments across the country, was not having the capability to record endoscopies in acute settings for teaching, supervision and consultation.

The ideal solution: Ambu aScope 4 RhinoLaryngo

The Clinical Director of the ENT department at Broadgreen Hospital, Mr Alessandro Panarese, expressed that he had been looking for a solution to record endoscopies in acute settings for many years. He revealed that the key driver in his decision to adopt the aScope 4 RhinoLaryngo solution was the image and video recording facility. aScope 4 RhinoLaryngo includes a portfolio of two single-use flexible video rhinolaryngoscopes, and the high-quality, full-HD portable Ambu[®] aView[™] 2 Advance monitor. The aView 2 Advance monitor is portable and records images or video of the procedure, which helps the clinicians to engage the patient or peers by sharing the screen during the procedure or recorded images and videos retrospectively.

The challenge was the capability of "recording of endoscopies in the acute setting"



A Graduated Return to Elective ENT within the COVID-19 Pandemic (ENT UK, 2020a)

"Disposable nasoendoscopes should be considered for use out-of-hours to ensure safety and minimise the risk of cross-infection."

"... maintain reasonable distance... video-endoscope with a remote screen is likely to be safest."

Exiting the pandemic: guidance for resuming ENT services (ENT UK, 2020b)

"Departments to consider the need for updating equipment, e.g... video-nasoendoscopes to increase the distance between patient and clinician and to enable accurate recording of findings to minimise repetition."

"Departments will need to ensure facilities and equipment (e.g. video-nasoendoscopes suitable for use out-of-hours) are available."



The outcome: the best patient care possible, in line with current clinical guidelines

Mr Panarese expressed that adopting aScope 4 RhinoLaryngo is about "**providing a better quality of care**". At Ambu, our mission is to provide our customers with innovative solutions that optimise workflow, reduce cost and improve patient care. By providing a portable, separate video monitor, aScope 4 RhinoLaryngo lets clinicians comply with the recommendations and suggestions made by major institutions, to improve both healthcare staff and patient safety.



"Juniors can video the endoscopy and consultants can review the video providing advice as required"

Benefits of Ambu aScope 4 RhinoLaryngo: Royal Liverpool and Broadgreen University Hospitals' perspectives

The advantage of having aScope 4 RhinoLaryngo is multifaceted, according to Mr Panarese. He expressed that it provided the perfect solution for the challenges they faced and said that: "**juniors can video the endoscopy and consultants can review the video providing advice as required**". This has facilitated the problem-based teaching and improved efficiency. In addition, emergency cases in acute settings may require the clinical opinion of different specialities, e.g. ENT consultants and anaesthetists. Mr Panarese said that: "**Video recording facility in the acute setting is invaluable avoiding repeat endoscopies by different team members**", which saves time and avoids causing any discomfort to the patient from repetitive scoping. The images and videos can be used for teaching, and it can also form an important part of the medical history for follow-up visits. After using the product more regularly, Mr Panarese also discovered the additional benefits of having aScope 4 RhinoLaryngo, including "**good image quality**" and "**no need for decontamination and ease of use**".



For more information please visit:
www.ambu.co.uk
+44 (0)1480 498403

References:

ENT UK. A Graduated Return to Elective ENT Within the COVID-19 Pandemic, [https://www.entuk.org/sites/default/files/A Graduated Return to Elective ENT Within the COVID-19 Pandemic.pdf](https://www.entuk.org/sites/default/files/A%20Graduated%20Return%20to%20Elective%20ENT%20Within%20the%20COVID-19%20Pandemic.pdf) [2020]
ENT UK. Exiting the pandemic 1: guidance for resuming ENT services, <https://www.entuk.org/exiting-pandemic-guidance-resuming-ent-services> [2020]