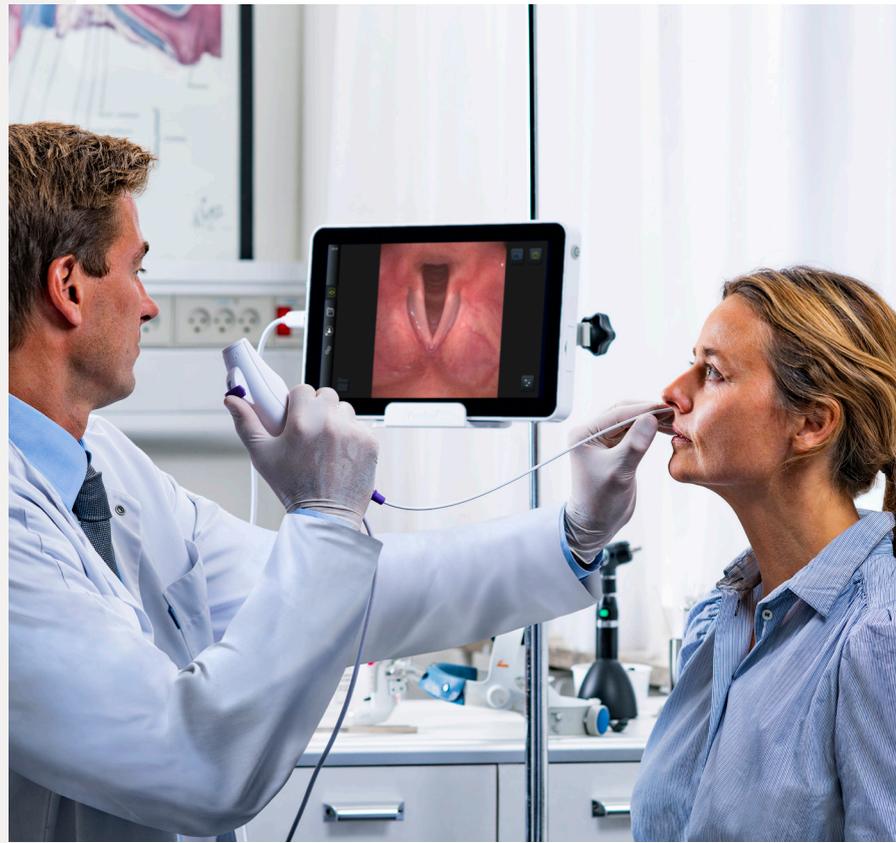


Ambu® aScope™ 4 RhinoLaryngo in acute ENT clinic settings

About Royal Liverpool and Broadgreen University Hospital NHS Trust

Royal Liverpool University Hospital (RLHS) and Broadgreen University Hospital (BGH) are part of Liverpool University Hospitals NHS Foundation Trust. The hospitals provide general services 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 challenge at the RLHS and BGS ENT departments, like many other ENT departments across the country, was that they did not have the capability to record endoscopies in acute settings for teaching, supervision and consultation.

One of the busiest ENT departments around

The ENT departments at RLUH and BGH receive around 30,000 outpatient appointments, 2,000 new referrals each year, and it also offers a two-week cancer screening service. What's more, the pressure on doctors with teaching responsibilities is likely to increase with a growing emphasis on problem-based teaching.

Competing demands and insufficient time

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 a time, making it impossible to demonstrate or teach simultaneously.

What's more, without the input of specialists, such as ENT consultants or anaesthetists, in acute settings, it is sometimes necessary to repeat endoscopy procedures.

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 ideal solution:

aScope 4 RhinoLaryngo

According to Mr. Alessandro Panarese, the clinical director at BGH, the key driver in their decision to adopt the aScope 4 RhinoLaryngo solution was the image and video recording capability. Mr Panarese says that the hospital had been looking for a solution to record endoscopies in acute settings for many years.

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.

This helps the clinicians engage patients 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"



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, aScope 4 RhinoLaryngo provided the perfect solution for the challenges they faced with regard to teaching, avoiding repeat scoping, and follow-up visits.

Facilitated problem-based teaching

"Juniors can video the endoscopy and consultants can review the video providing advice as required", he said.

Improved efficiency by eliminating repeat scoping

In addition, emergency cases in acute settings may require the clinical opinion of different specialities, such as ENT consultants and anaesthetists.

"Video recording facility in the acute setting is invaluable avoiding repeat endoscopies by different team members", Mr Panarese said. This saves time and avoids causing any discomfort to the patient from repetitive scoping.

Important for follow-up visits

Not only can images and videos be used for teaching, they can also form an important part of the medical history for follow-up visits.

What's more, after using the product more regularly, Mr Panarese discovered additional benefits of aScope 4 RhinoLaryngo such as "good image quality", "no need for decontamination and ease of use".



National recommendations under COVID-19

Since the outbreak of COVID-19, clinical societies have recommended using single-use rhinolaryngoscopes and video systems in order to keep a distance between clinician and patient.

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

Mr Panarese expressed that adopting aScope 4 RhinoLaryngo is about "providing a better quality of care that is in line with current clinical guidelines".

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 enables clinicians to comply with the recommendations and suggestions made by major institutions in order to increase the safety of both healthcare staff and patients.



For more information please visit:
www.ambu.com/ent

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]