

aScope 4 Broncho (flexible disposable scopes) by AMBU Guidelines for use

AMBU produces the aScope 4 Broncho system.

- There are 3 different sizes of aScope 4 Broncho – Large, Standard and Slim
- NHS Lothian RIE and WGH ICUs stock both **Slim and Large**
- The Slim version fits through a Cook Aintree Airway Exchange Catheter
- Each scope costs approx. £150

Indications for use

***When a fibre-optic scope is NOT available within a clinically appropriate time
OR***

When use of a fibre-optic scope and subsequent cleaning poses an unacceptable potential risk of cross-contamination (e.g. MDR-TB, VHF, MDR-GNB, Prion disease)

- Fibreoptic (flexible scope) intubation
- Emergency tracheostomy procedures
- Suction bronchoscopy
- Bronchoscopy
- BAL

Usage

1. Select the appropriate aScope (Slim (grey) – for intubation. Large (orange) – for bronchoscopy and BAL)
2. The Slim (max OD 4.2mm) will fit down a Cook Aintree Airway Exchange Catheter, has a small port for aerosolising drugs, has a 1.2mm working channel.
3. The Large has a maximum OD of 6.2mm and has a 2.8mm working channel (instruments and suction).
4. Plug the AScope 4 Broncho into the **blue** port on the aView monitor.
5. Turn on the monitor by pressing the power button on the top.
6. The image can be adjusted in the following ways
 - a. Brightness
 - b. Contrast
7. You can record still and video images (please see your department trainer for training)
8. Please turn the aView monitor off once finished by pressing and holding the power button for at least 2 seconds. Ensure the Airway trolley is restocked and the aView monitor is put back onto charge.
9. The aScope 4 Broncho's are disposed of in the contaminated waste bins.

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1. Select aScope 4 Broncho

a. SLIM – Grey control lever

- For intubation
- For emergency tracheostomy procedures

b. LARGE – Orange control lever

- For bronchoscopy
- For BAL

2. Plug into BLUE port on left side of aView monitor

3. Turn on aView monitor by pressing power button on top



4. Adjust picture – Brightness and Contrast are under Settings Green Tab











Startup Image Mode	User Interface
<p>Starts immediately after the power button is pressed and continues until the User Interface is loaded (after approximately 1 min).</p> <p>A live image from the plugged in Ambu visualization device is available while aView is loading. If no device is connected the screen will be blue.</p> 	<p>A live image is available and the User Interface displays advanced user functions.</p> <p>aView starts up in the Blue tab for Live Image Viewing and recording live image.</p> 
The screen layout may vary depending on the software version.	
Interface nomenclature	
 Power button.	 Video recording.
 Brightness adjustment.	 Viewing and recording live image.
 Contrast adjustment.	 Managing saved files.
 Snap shot.	 System settings and User Accounts.

Image Extend

(Assumption: Live image is present.)



To extend the live image double click on the live image displayed.
To remove Image Extend double click on the image again.

NOTE: For aScope 3 and aScope 4 Broncho live image is converted to a rectangular image shape using Image Extend why a minor part of the image is removed in the top and bottom to fit the screen. The horizontal field of view is unchanged.
Vivasight live image is decreased by double click removing part of the live image in both sides.

5. Attach suction if needed

6. Still and video images can be taken by pressing Photo button to select Advanced Mode then press appropriate Picture or Video button

7. Turn off aView monitor by pressing and holding power button for 2 seconds

<https://www.ambu.com/products/flexible-endoscopes/bronchoscopes/product/ambu-aview>

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