

An early evaluation of Ambu® aScope™ 4 Cysto – the single-use, immediately available cystoscopy solution

The aScope 4 Cysto is a single-use flexible endoscope that offers clear and sharp imaging. It eliminates the need for reprocessing and enables you to reduce costs such as cleaning supplies, maintenance, and costly repairs.



The ageing population and the increased demand for cystoscopy tests are major contributing factors to why patient numbers are set to grow faster than staff numbers. This combined with the impact of hospital inefficiencies linked to reusable endoscopes, such as complex reprocessing and maintenance requirements, will potentially add to the current problem of unmet performance targets, increased waiting times, and reduced quality of care for patients.^{1, 2}

Study aim

This early evaluation aimed to assess the user perceptions of the aScope 4 Cysto. The outcome measures were predefined and assessed using an evaluation questionnaire.

Outcome measures:

Performance

- Overall handling
- Image quality
- Overall performance
- Bending capabilities without a tool in the working channel
- Bending angle
- Bending responsiveness

Ease of use

- Portability
- Speed of setup
- Look and feel
- Ease of insertion

Setup

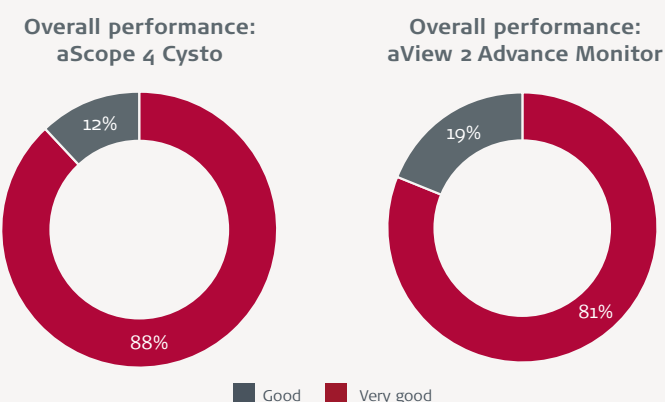
Sixteen participating departments (doctors) had the opportunity to evaluate the aScope 4 Cysto and subsequently completed a questionnaire. The questionnaire was composed of questions pertaining to the two sub-categories (performance and ease of use). Questions required a mixture of quantitative and qualitative Likert scale responses: very poor, poor, acceptable, good, and very good or from 1, unacceptable, to 5, excellent.

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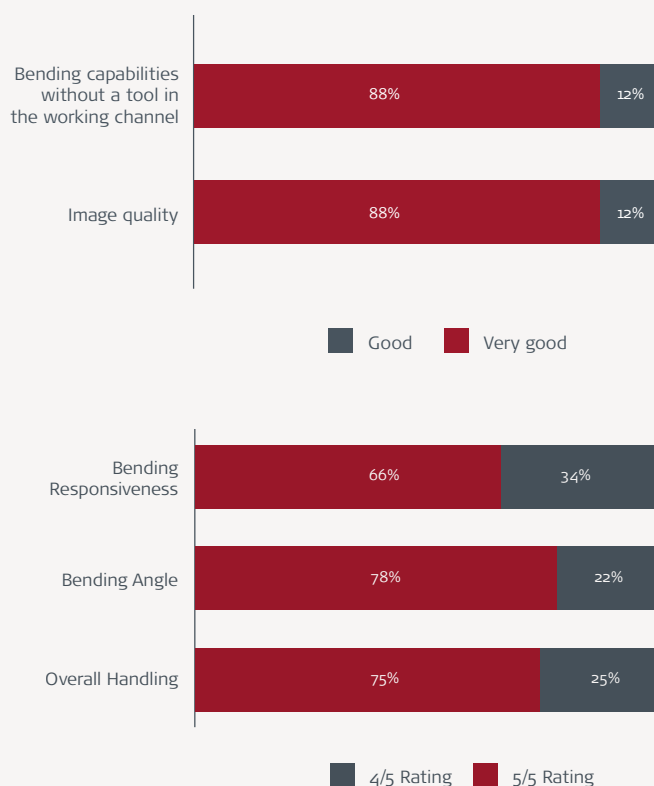
Results

Performance

The results of the questionnaire conveyed a positive overall response for the aScope 4 Cysto and Ambu® aView™ 2 Advance Monitor, with 88% and 81% of respondents respectively rating the system's overall performance as very good.

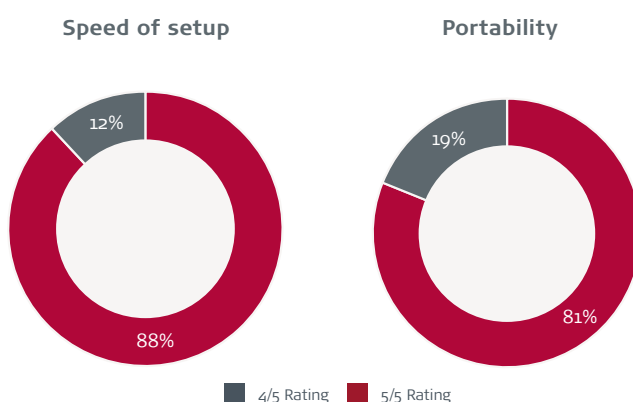


The individual performance metrics also mirrored this, as a very good rating was given for image quality and bending capabilities without a tool by 88% of respondents. Whilst overall handling, bending angle, and bending responsiveness were rated as excellent or given the second highest rating, 4 out of 5, by all respondents.

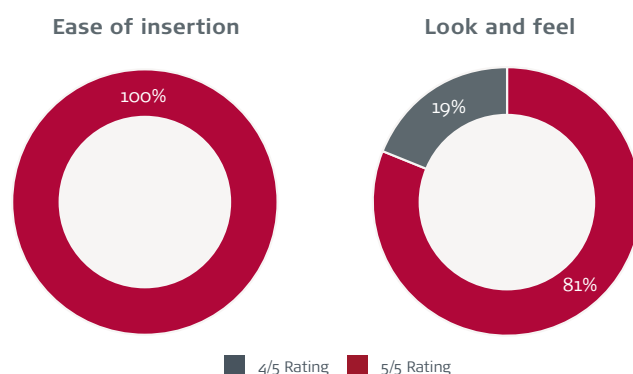


Ease of use

The clinician feedback supports the notion of aScope 4 Cysto being easy to use as 88% of them indicated that the speed of set up was excellent, with a further 81% saying the portability was excellent.



81% of respondents considered the look and feel of the system to be excellent. Lastly, all respondents indicated that the ease of insertion was excellent.



This positive perception of the aScope 4 Cysto, coupled with its easy and seamless introduction into a department, is sure to improve workflow and minimize delays, as the single-use concept removes all reprocessing and maintenance requirements.

References:

¹Harrison S. Urology Surgery- Getting It Right First Time 2018 [Available from: <http://gettingitrightfirsttime.co.uk/urology-report/>].

²NHS E, NHS I. NHS Diagnostic Waiting Times and Activity Data August 2020 Monthly Report. Leeds, UK. 2020.