

By SurgEase Innovations 2022



LumenEye® X1

A new era in Proctology



FERDINAND MEDICAL
Advanced Equipment, Trusted Care

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ABOUT US

01

SurgEase

As a former colorectal surgeon, SurgEase founder and CEO, Mr Fareed Iqbal, recognised that significant limitations in diagnostic pathways for colorectal disease can cause sub-optimal patient outcomes. SurgEase was formed with a genuine desire to bring to market hardware and software solutions that address these unmet needs, improving the diagnosis and prognosis for patients with colorectal and gastrointestinal diseases. In the hands of clinicians around the world, our products and services will change the way these diseases are managed, enabling collaboration and standardisation, to improve patient care, and save lives.

Our vision

To deliver global excellence in surgical diagnostics.

Our mission

To develop ground-breaking technology that:

- enables affordable surgical excellence anywhere in the world;
- holds humanity, communication and outstanding care at its core;
- drastically improves patient outcomes.

“SurgEase believes that enhancing the diagnostic ability of clinicians is central to improving patient care”

OVERVIEW

02



Enhanced accuracy

- Achieve fibre-optic comparable views at the bedside.
- Reduce the risk of missing serious colorectal pathology.
- Plan surgical intervention at the earliest opportunity.

Operational efficiency

- Return rectal surveillance and assessment to outpatients.
- Significantly increase endoscopy capacity.
- Establish 'watch and wait' colorectal pathways for streamlined care.

Cost savings

- Avoid the burdensome overheads and reprocessing costs of traditional endoscopy.
- Eliminate unnecessary use of flexible endoscopy.
- Reduce your carbon footprint.

One-Stop diagnosis

- For the commonest bowel symptoms, including rectal bleeding.
- Targeted biopsy of lesions.
- Reach a definitive diagnosis at first consultation.

The LumenEye® X1 endoscopic system

Portable case &
workstation



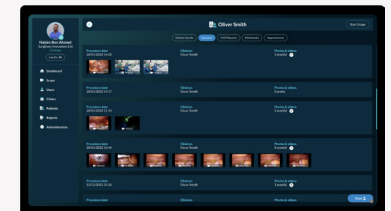
LumenEye® X1
endoscope



Tablet display with
full HD screen



The CHiP® Software

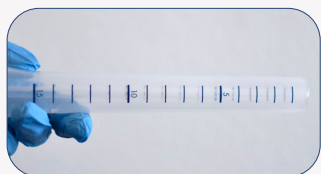


DESIGN

03

The LumenEye® X1 Endoscope

The intelligent design of the LumenEye X1 allows for a comfortable and efficient scoping and biopsy experience for both the user and patient, all of which can be carried out at the point-of-care.



Reduced diameter
and tapered design



Air delivery through an
innovative, integrated
bellows system



Single-use manifold
reduces reprocessing
time and cost



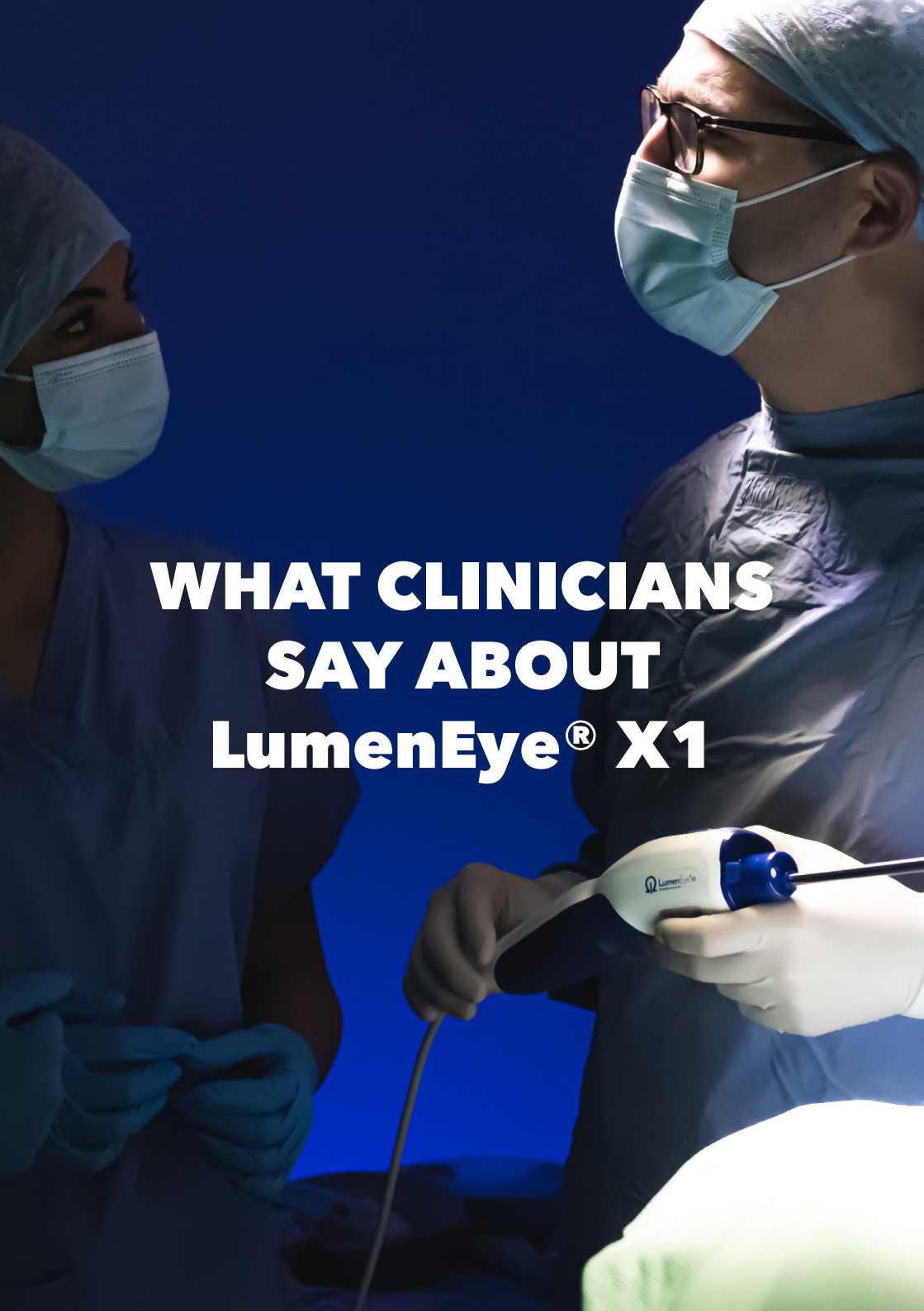
Biopsy, snare and
cauterise under
direct view



Easy to assemble
and operate

TESTIMONIALS

04

A photograph of two surgeons in an operating room. The surgeon on the right is wearing a blue surgical cap, glasses, and a blue surgical mask. He is holding a white and blue LumenEye X1 device with both hands. The surgeon on the left is also wearing a blue surgical cap and a blue surgical mask. The background is a solid blue color.

WHAT CLINICIANS SAY ABOUT LumenEye® X1

"The illuminated high-definition camera offers you really easy access to the rectum with great views and illumination. I am pleased with how it functions, and the quality of the images".

Mr Roel Hompes

Consultant Colorectal Surgeon (University Medical Centre, Amsterdam)

"I see huge potential in LumenEye® changing clinical pathways and removing the need for more costly and unnecessary investigations".

Professor Bu'Hussain Hayee

Consultant Gastroenterologist (King's College Hospital, UK)

"This device, combined with the software, will change all rectal cancer management and also rectal cancer surgery over the next few years".

Professor Quentin Denost

Assistant Professor in Colorectal and pelvic surgery (Bordeaux University Hospital, France)

"The digital capture of images that were lost in paper notes is a thing of the past. Now surgeons can confidently review their patients with a robust means of auditing the quality of care they provide".

Mr James Kinross

Consultant Colorectal Surgeon (Imperial College London, UK)



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INDICATIONS FOR USE IN THE EU

LumenEye X1 is indicated for use in diagnostic and interventional endoscopic procedures to provide illumination and visualisation of the anorectum. It should only be used by suitably trained healthcare professionals.