

Cystoflex® – A new generation of single-use cystoscopes made in Europe

Where Patient Comfort meets Clinical Precision.

Spontaneous patient feedback indicated greater comfort than with a previous scope.

Multi-country evaluation, July–September 2025



Cystoflex® is a single-use flexible cystoscope manufactured in France. Created with leading urologists to simplify cystoscopies without compromising performance, Cystoflex® is engineered with an atraumatic tip and a smooth, low-friction shaft that protects delicate urethral tissue. This design supports comfortable, repeat cystoscopies with no lasting damage, ensuring each procedure is as safe and gentle for your patients as the first.

Its ready-to-use design, atraumatic tip, smooth shaft and high-quality imaging support care in motion: allowing clinicians to focus on patients rather than equipment. With a T-connector that enables intuitive handling and efficient instrument exchange, Cystoflex® delivers a high-performance solution when a simple format is needed, eliminating the burden of complexity often associated with reprocessing and repairs.

“11 out of 17 urologists would switch to Cystoflex®.”

Multi-country evaluation, July–September 2025

Cystoflex at a glance



Atraumatic tip

Documented patient comfort; smooth insertion reported across multi-country centres



T-connector

Efficient handling; simple instrument exchange procedures



Image quality

Consistent sharpness, colour reproduction and brightness across procedures

INTRODUCTION

Cystoscopy is a high-volume diagnostic procedure, increasingly performed in outpatient settings where efficiency, patient comfort, safety and reliability are essential. The shift from reusable to single-use cystoscopes has accelerated due to concerns about reprocessing delays, contamination risk, repair costs, and workflow disruption.¹ In this context, Cystoflex[®] was developed as a European single-use flexible cystoscope designed to deliver atraumatic insertion, consistent image quality, safety, and an efficient workflow with reduced environmental impact.

“Nice ergonomics, light handle, nice shape of tip (atraumatic), fast white balancing / brightness correction.”

(Urologist - Gronau, Germany)

STUDY DETAILS

The aim of this early evaluation was to assess clinician perceptions of the Cystoflex[®] in real clinical procedures, focusing on Procedural Performance (especially navigation, bending, tip behaviour and image quality) and Operational Usability (ergonomics and T-connector), assessed through a structured evaluation questionnaire.

Outcomes measured

Procedural Performance

- Navigation
- Bending
- Fluid Injection
- Working Channel
- Image quality

Operational Usability

- Ergonomics
- Accessories Compatibility

Evaluation setup

A prospective early-use evaluation of Cystoflex[®] was conducted across 5 European countries (Belgium, France, Germany, The Netherlands, United Kingdom). 17 urologists performed a total of 55 procedures: 60% diagnostic bladder inspections and 40% stent removals using a grasper.

After the procedures, clinicians completed a structured questionnaire rating Procedural Performance and Operational Usability using a four-point categorical scale (very good, good, neutral, not good).

“Patient commented it was more comfortable than previous scope.”

(Urologist - Oxford, UK)

Easy tool handling

“Good cystoscope, atraumatic, good image.”

(Urologist - Brasschaat, Belgium)



RESULTS

12 Fr
atraumatic
tip



Procedural Performance

Navigation

Navigation received positive feedback, with over 80% of clinicians rating it very good or good. Users described handling as favourable during bladder inspection.



Fluid Injection

8/10 clinicians rated fluid injection as very good or good. Users noted that irrigation behaved as expected throughout the procedure.



Working Channel

Working channel performance received favourable evaluations, with 8/10 clinicians rating it very good or good. Clinicians reported smooth handling when using instruments such as graspers.



Bending

Bending performance was rated very good or good by more than 80% of clinicians. Clinicians highlighted good flexibility and manoeuvrability during routine use.



“Excellent product, great image, easy handling.”

(Urologist - Paris, France)

Image Quality

Image quality received strong feedback, with 8/10 clinicians rating it very good or good. Positive ratings were consistent across all visual parameters, with 9/10 for sharpness and brightness and 7/10 for colour reproduction and field of view.



Operational Usability

Ergonomics

Ergonomics was highly rated, with 88% of clinicians evaluating it as very good or good. Clinicians described the device as light and comfortable to handle.



Accessories Compatibility

Accessories compatibility was rated very good or good by 8/10 clinicians. Users found instrument use through the working channel straightforward.



“Easy access via urethra, very good bending, and good image quality - European quality for single use cystoscopy.”

(Urologist - Frankfurt, Germany)

CONCLUSION

The multi-country evaluation demonstrated consistent positive feedback for Procedural Performance and Operational Usability. Cystoflex® was evaluated as a reliable and comfortable single-use cystoscope for routine diagnostic cystoscopy and accessory use.

In a dedicated prioritisation exercise, urologists consistently identified the atraumatic tip as the most important product feature.

Looking ahead: T-connector with integrated valve

An anti-splash valve is integrated into the T-connector. This upgrade further improves instrument exchange and minimises fluid spillage.



References:

1. Chew BH, *et al.* Healthcare Utilization and Complications Associated with Single-Use Versus Reusable Flexible Cystoscopy in Hospital Outpatient Settings. *Cureus*. 2025 Sep 9;17(9).