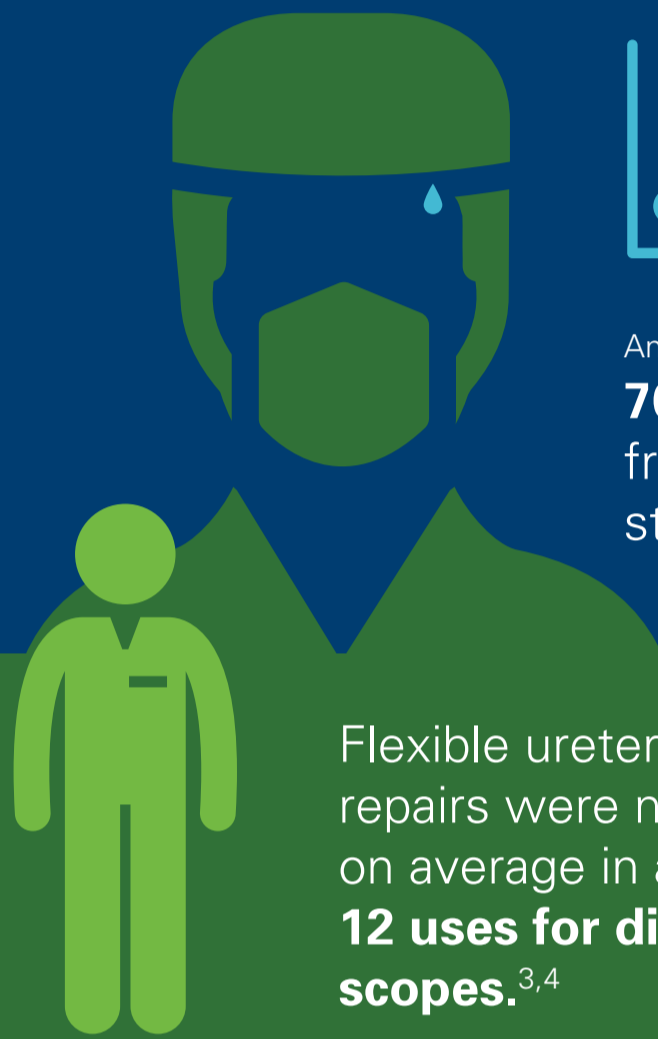


Single-Use vs. Multi-Use Flexible Ureteroscopes.

Explore the evidence for yourself.

Since the launch of the award-winning LithoVue™ Single-Use Digital Flexible Ureteroscope, the landscape of flexible ureteroscopy has changed. A growing body of evidence supports the financial, operational and clinical benefits the LithoVue System offers your facility, healthcare professionals and patients.



One study found that **46%–59%** of the cost of maintaining a flexible ureteroscopy program **results from ureteroscope repairs.**¹

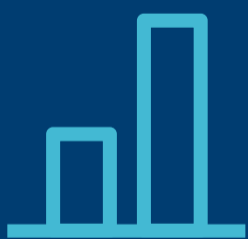
Another study showed that about **70% of major ureteroscope repairs** may result from operator-induced damage, and not the sterilization process.²

Flexible ureteroscope repairs were necessary on average in as few as **12 uses for digital scopes.**^{3,4}

And, once repaired, a flexible ureteroscope can expect to **require a major repair after less than eight uses.**⁵⁻⁷



In one study, 12% of scope function was cause for concern, **while image quality was compromised in 28% of procedures.**⁸



In a study comparing LithoVue to a reusable scope cohort, **Lithovue showed a 12.6% reduction in complications.**⁹

Even while using a 365 micron fiber, **LithoVue still showed impressive deflection in the lower pole.**¹⁰



In a study comparing LithoVue to a reusable scope cohort, **LithoVue showed a 15.5-minute reduction in operation room time.**⁹

For more information about the LithoVue™ Single-Use Digital Flexible Ureteroscope, visit **www.BostonScientific.com/LithoVue**

¹ Knudsen B, Miyaoka R, Shah K, et al. Durability of the next-generation flexible fiberoptic ureteroscopes: A randomized prospective multi-institutional clinical trial. *Urology*. 2010 Mar;75(3):534-9.
² Landman J, Lee DI, Lee C, et al. Evaluation of overall costs of currently available small flexible ureteroscopes. *Urology*. 2003 Aug;62(2):218-22.
³ Shah K, Monga M, Knudsen B. Prospective randomized trial comparing 2 flexible digital ureteroscopes: ACMI/Olympus Invisio DUR-D and Olympus URF-V. *Urology*. 2015 Jun;85(6):1267-71.
⁴ Knudsen BE, Ferraro M. Digital video flexible ureteroscopy: GyrosACMI/Olympus Invisio®DUR®-D twelve month failure and repair experience. NCS 2009.
⁵ Monga M, Best S, Venkatesh R, et al. Durability of flexible ureteroscopes: A randomized, prospective study. *J Urol*. 2006 Jul;176(1):137-41.
⁶ Carey RI, Gomez CS, Maurici G, et al. Frequency of ureteroscope damage seen at a tertiary care center. *J Urol*. 2006 Aug;176(2):607-10.
⁷ Carey RI, Martin CJ, Knejo JR. Prospective evaluation of refurbished flexible ureteroscope durability seen in a large public tertiary care center with multiple surgeons. *Urology*. 2014 Jul;84(1):42-5.
⁸ Chi T, et al. Durability of flexible ureteroscopy and predictors of repair: a prospective multi-center study. Poster session presented at The European Association of Urology Annual Congress; March 2016; Munich, Germany.
⁹ Usawachintachit M, Isaacson DS, Taguchi K, et al. A prospective case-control study comparing LithoVue, a single-use, flexible disposable ureteroscope, with flexible, reusable fiber-optic ureteroscopes. *J Endourol*. 2017 May;31(5):468-75.
¹⁰ Leveillee RJ, Kelly EF. Impressive performance: new disposable digital ureteroscope allows for extreme lower pole access and use of 365 um holmium laser fiber. *J Endourol Case Rep*. 2016;2(1):114-6.