

# LithoVue™ Elite

## Single-Use Digital Flexible Ureteroscope



### Improving the Real-Time Ureteroscopy Experience

The LithoVue™ Elite Single-Use Digital Flexible Ureteroscope is the first ureteroscope that enables the monitoring of intrarenal pressure in real-time during kidney stone procedures.



Kidney stones are an increasingly common condition that occur in roughly **one in 10 people** at some point in their lives and send more than half a million people to the emergency room each year in the United States.<sup>1</sup>



The LithoVue Elite System builds on many of the features of the original LithoVue System through significant next-generation innovations, including:



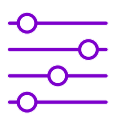
#### Intrarenal pressure monitoring:

First ureteroscope with intrarenal pressure monitoring that enables urologists to make informed, pressure-related decisions through the use of a built-in sensor on the scope tip.



#### Enhanced image quality:

Improved visualization due to a high-resolution digital chip, fast image processing software and greater depth of field.



#### Improved urologist control:

Two programmable buttons on the lightweight, single-use handle enable convenient one-hand operation and direct control of video and image capture.



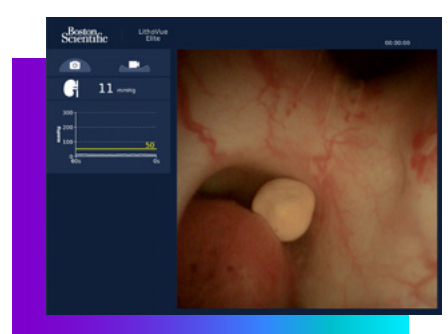
#### Minimal footprint, simplified integration:

The StoneSmart™ Connect Console, a compact processing unit, designed to work with existing operating room visualization towers and endoscopic monitors to reduce clutter and capital footprint.

### Why is monitoring intrarenal pressure important?

Elevated intrarenal pressure during kidney stone procedures may contribute to a range of post-operative complications including systemic inflammatory response syndrome (SIRS), sepsis and renal damage.<sup>2-6</sup>

Understanding intrarenal pressure as a predictor of complications has been neglected;<sup>2</sup> however, the LithoVue Elite System is designed to unlock the potential to improve our understanding of the impact of elevated intrarenal pressure on patient outcomes.



### Evolving Single-Use Portfolio, Resources for Urologists

The LithoVue Elite System was developed with physician feedback to advance patient care. The LithoVue Elite Single-Use Digital Flexible Ureteroscope eliminates the risk of infection associated with ineffective reprocessing of reusable scopes.<sup>7,8</sup> The LithoVue Elite System is a component of the company's next generation **StoneSmart™ Solutions** platform, which aims to address physician needs by developing clinical solutions that make procedures more efficient, empower surgical decisions, enhance the provider experience, optimize patient care and ultimately advance the treatment of kidney stone disease globally.

For more information on the **LithoVue Elite System**, please visit [www.bostonscientific.com/LithoVueElite](http://www.bostonscientific.com/LithoVueElite)

Bench Test or pre-clinical study results may not necessarily be indicative of clinical outcomes.

#### References:

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