LithoVue™ Single-Use Digital Ureteroscope

Kidney stones affect one out of 11 people, and each day an estimated 4,600 procedures are completed requiring use of ureteroscopes to examine the inside of the urinary tract. The new Boston Scientific LithoVue™ Single-Use Digital Ureteroscope provides high-quality visualization and navigation to help urologists access, diagnose and treat stones and other conditions of the kidney, ureter and bladder.

Until now, urologists have relied upon reusable digital ureteroscopes, which are associated with several limitations and challenges, including:1-7

- Significant cost of acquisition
- Breakage, repairs and associated unpredictable repair costs
- Degradation of performance over time
- Substantial time, expense and complexity of reprocessing
- Potential procedural delays due to lack of scope availability resulting from scope repairs and reprocessing hold-ups

By providing urologists with a single-use solution, the LithoVue System eliminates the inconsistent performance1-4 and maintenance challenges associated with reusable scopes and is designed to help urologists remove stones quickly, easily, safely and affordably.

Economic Impact:
The LithoVue System eliminates many of the unpredictable operational and financial costs of ownership for reusable digital ureteroscopes, such as:

- On average, new digital flexible ureteroscopes require repair after fewer than 12 uses and cost more than $6,000 per repair.5,6
- Procedural delays are often due to reprocessing, and on average occur several times per day at a cost of $830 per delay.8-10
- Hospitals can eliminate many of the steps required to use, maintain and handle a reusable ureteroscope.11

LithoVue System Highlights:

- 270° scope deflection in both directions for accurate navigation
- 7.7F tip diameter and 9.5F outer diameter fits the average patient ureter with renal colic12
- To maximize visibility, a digital CMOS imager with a working distance of 2mm–50mm produces superb quality images across a depth of field that is equivalent to or better than those from other commonly used reusable scopes on the market.13
- Light source built into ergonomic control handle
Can be integrated into OR processes:
  - Either used alone or connected to existing digital visual interface monitors and recording systems
  - Fully compatible with laser lithotripsy using existing technologies – with little or no interference from laser firing

**Urology and Pelvic Health Business at Boston Scientific**

Boston Scientific Urology and Pelvic Health provides innovations that can help healthcare providers advance patient outcomes, reduce procedure costs and enhance quality. In August 2015, Boston Scientific completed the acquisition of the American Medical Systems (AMS) urology portfolio, which included the Men’s Health and Prostate Health businesses, from Endo International plc. Today, the Boston Scientific Urology and Pelvic Health Business provides healthcare professionals with proven innovations to treat five of the most common urology diseases that account for 50 percent of all urology surgical procedures, including kidney stones, benign prostatic hyperplasia (BPH), erectile dysfunction (ED), male incontinence and pelvic floor disorders. In addition, Boston Scientific provides technologies for gynecologic surgery to help treat abnormal uterine bleeding and uterine fibroids.

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