



## FLEXIBLE URETEROSCOPE REPAIRS USING ORIGINAL MANUFACTURER VERSUS THIRD-PARTY COMPANY

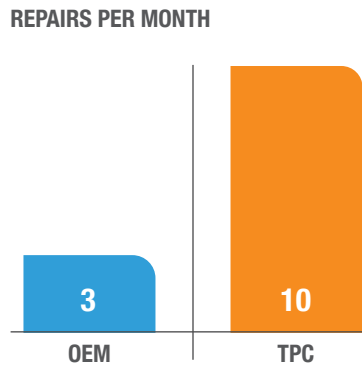
Kyle Wood MD, Marc Colaco MD, MBA, Ilya Gorbachinsky MD, Amanda Hughes RN, Jorge Gutierrez-Aceves MD  
 Department of Urology, Wake Forest Baptist Health

### > INTRODUCTION:

Paramount to financial success in the current health care environment is controlling expenses and managing budgets. Repair of expensive equipment and delicate instruments, such as flexible ureteroscopes, has become a focus on controlling costs.

Here we analyze a high volume single institutions experience regarding flexible ureteroscope repairs utilizing the original equipment manufacturer (OEM) versus third party companies (TPC).

### Decreased Repairs with OEM



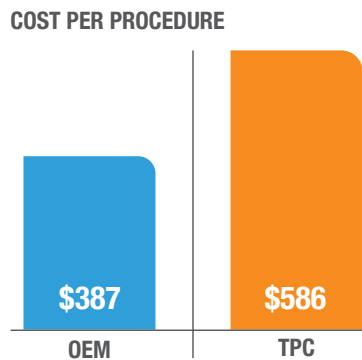
### > RESULTS:

Total number of cases performed during the OEM period was 933 and 815 cases were performed during TPC period. The total numbers of replacements or repairs performed were 58 and 184, respectively. Total costs of repairs or replacements were \$361,291 and \$477,900, respectively. The costs per procedure were \$387 and \$586, respectively. Frequency of repairs (repairs/month) was 3 versus 10, respectively ( $p < 0.001$ ).

### > MATERIALS AND METHODS:

A retrospective collection of data from July 2011 to present was performed. Collected data encompassed a period of three years; the most recent 18-month segment (1/1/13 – 6/30/14) included repairs made by the TPC, while data for the previous 18 months (7/1/11 – 12/31/12) included repairs made by the OEM. Data on the number of repairs/replacements, costs, and the number of urological cases involving flexible ureteroscope were compared.

### Decreased Cost per procedure with OEM

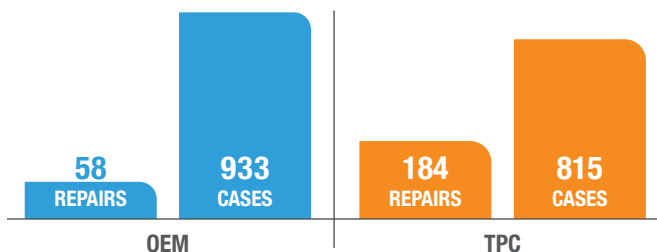


### > CONCLUSIONS:

Institutions, especially high volume centers, should continuously monitor the costs and quality of repairs. Our data suggests a potential benefit in overall cost to repairs made by the OEM vs. TPC.

### Increased Case Count & Decreased Repairs with OEM

#### OPERATIONAL EFFICIENCY



### Lower Repair Costs with OEM

#### TOTAL COSTS

