INTRODUCTION
Rising costs in health care have demanded waste reduction and improved efficiency throughout the hospital. Surgeons have a particularly important role in the reduction of cost in regards to amount of instruments utilized in their procedures. 
• We noted that at least 1/3rd of the instruments in a circumcision tray went unused in each procedure.  
• Previous studies demonstrate instrument maintenance and sterilization to cost approximately $0.23 per instrument²

AIMS
We aimed to reduce the surgical tray to utilized instrumentation only and translate that reduction into a cost-savings of at least 20% per tray.

METHODS
• This was a single site, single department prospective study.
• The circumcision instrument tray initially had a total of 33 instruments.
• A survey was conducted among 5 pediatric urologists to determine the vital instruments to complete a circumcision.
• Post reduction intervention we documented any additional instruments that opened to and the reason given for opening extra instruments for the procedure.

RESULTS
• The instrument tray for circumcision was reduced from 33 instruments to 14 instruments, a 42% reduction in size.
• Four cases required the addition of one instrument; of these, three required a larger vascular clamp and the fourth was a replacement needle driver.
• On average, 25.4 circumcisions are performed each month.
• We successfully eliminated 19 unnecessary instruments from our circumcision tray.
• Using the cost analysis performed by Stockert and Langerman: $4.37 was saved per procedure².
• Prior to the reduction each tray cost $7.59 per use, equaling a 42% cost reduction.
• Demonstrating $111.00 in monthly savings; $1,332 yearly savings
• 3.2% of cases required an additional instrument to be opened

CONCLUSIONS
AIMS
• We successfully eliminated 19 unnecessary instruments from our circumcision tray.
• Using the cost analysis performed by Stockert and Langerman: $4.37 was saved per procedure².
• Prior to the reduction each tray cost $7.59 per use, equaling a 42% cost reduction.
• Demonstrating $111.00 in monthly savings; $1,332 yearly savings
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FUTURE GOALS
Reduction of 2 other most commonly used trays in urology with the goal of cost-savings of 20% per tray.