# SECONDARY PLACEMENT OF ADJUSTABLE CONTINENCE THERAPY (ProACT™) USING OPEN PERINEAL TECHNIQUE

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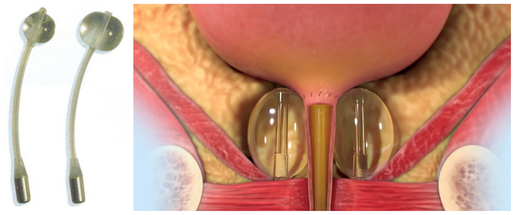
## Introduction and Objectives

- Male stress urinary incontinence (SUI) can occur following prostate cancer therapy or due to sphincter dysfunction
- The artificial urinary sphincter (AUS) is the gold standard for moderate to severe incontinence in men
- Adjustable continence therapy (ProACT) is a minimally invasive treatment that can be adjusted in the outpatient setting without active patient manipulation



## Case Presentation

- 53 M with hx of intrinsic sphincter deficiency following pelvic fracture from MVA in 1988
- Surgical timeline:
  - 1995: Bulbar AUS placed
  - 2010: AUS removal and replacement due to urethral atrophy
  - 2011: AUS salvage due to infection and skin erosion
  - 2018: AUS removal and replacement due to urethral atrophy
  - 2019: AUS removal due to urethral erosion
  - 2020: Bladder neck AUS placed, then removed due to erosion
- Patient eventually presented with complete incontinence and elected to undergo ProACT placement

**For questions or complete bibliography:**
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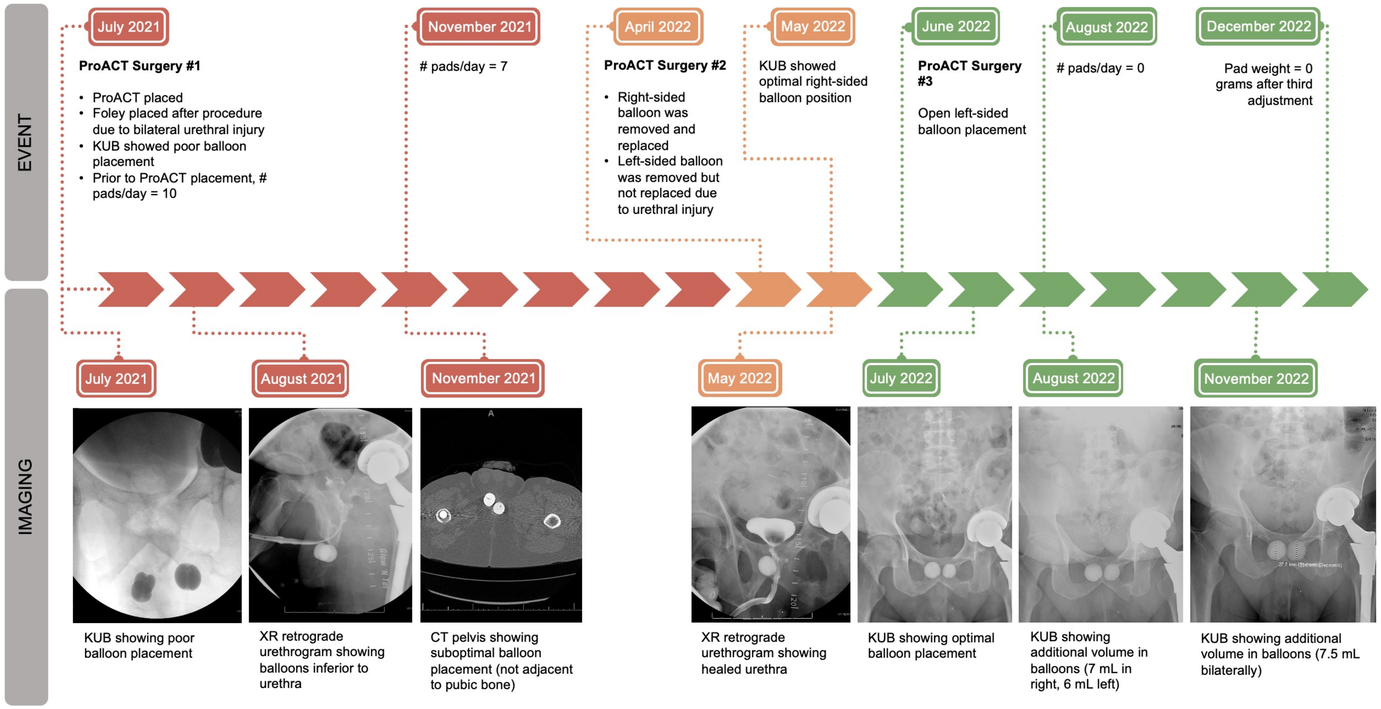
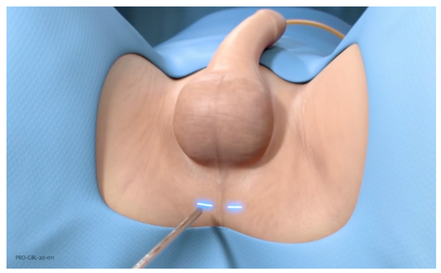
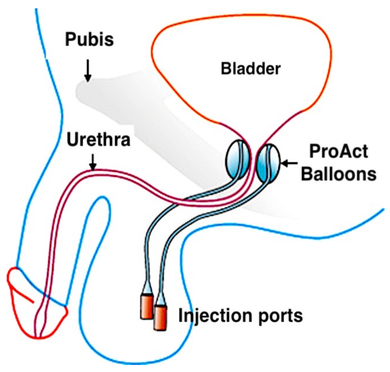
## Timeline

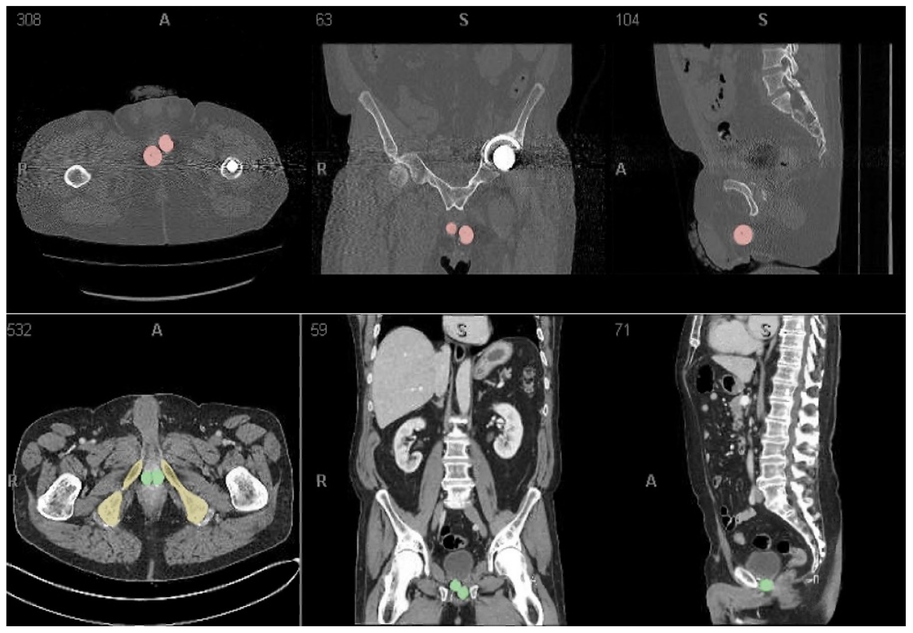



## ProACT™ (Uromedica)






## Balloon Positioning




## Follow Up

- One month following the 2nd ProACT surgery using the open approach, patient reported improved continence
- After 3 adjustments, he had complete resolution of his incontinence (24-hour pad weight of 0 grams)
- Post-op imaging with no evidence of balloon migration and optimal placement of balloons bilaterally

## Conclusions

- Safe AUS placement may not be feasible in patients with a compromised urethra from prior urethroplasty, erosion, or radiation
- ProACT is a viable option in patients who have failed or are not candidates for traditional continence mechanisms (e.g., male perineal sling or AUS)
- In patients with devastated urethras, an open approach can be utilized to achieve appropriate positioning of the balloons

## Disclosures

Brian Flynn, MD is an investigator for Boston Scientific and Uromedica.

## References

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