PANEL DISCUSSION: WHAT TO DO WHEN THINGS GO WRONG: AN HONEST LOOK AT COMPLICATIONS

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Thank you Dr. Kaefer!
Surgical Complications

- Ultimate Problem-Based Learning
- Self-analysis
  - Classic M&M
    - Error in judgement vs Error in technique
- Requires humility & honesty
- Strive for balance
- Support system
  - Family, colleagues, mentors, counseling

FEAR
OVER-CONFIDENCE
Here’s my story…
Inpatient consultation

GS

• 15 y.o. male
• MMC with NGB
• Urinary & Fecal Incontinence
• Chronic sacral decubiti
• 10 years since last seen by GU

Recommendations:
• CIC q 3 hrs
• Anticholinergics
• Schedule VUDS
Good bladder compliance
VLPP 96 @ 143 ml
P_{DET} 26 @ 500 ml
• Bladder neck sling
• Continent ileovesicostomy (Spiral Monti)
• MACE
FOLLOW-UP

• 4 weeks post-op
  – Removed catheters & began CIC

• 1 mo post-op
  – Leaking between CIC
VLPP 75 @ 71 mL
P_{DET} 40 @ 325 mL
+/- bladder compliance
RECOMMENDATIONS

• BN injection vs. BN closure

• Patient opted for bladder neck closure

• 4 weeks post-op cystogram normal
FOLLOW-UP

• New incontinence!
  – 3 weeks after negative cystogram
  – 7 weeks after surgery

• Repeat video UDS
URODYNAMICS
Urethra occluded

Significant NDO compliance
SURGERY

- Bladder neck closure #2
- Enterocystoplasty
FOLLOW-UP

• Catheters removed 4 wks post-op
• 1 month later……

New Incontinence!
SURGERY

- Bladder neck closure #3
- Enterolysis
- Interposition of omental flap
During the omental dissection....

VP Shunt

Enterolysis
FOLLOW-UP

• Cystogram 1 month post-op

Leakage @ 350 ml
Total 12 wks bladder decompression

- Continues to leak
BN CLOSURE #4

Urethral stump

Bladder neck
RECTUS MUSCLE
HARVEST

Rectus mm flap segment

Left rectus mm pedicle
RECTUS MUSCLE PEDICLE
LEFT RECTUS MUSCLE INTERPOSITION

Left rectus mm flap interposed
POST-OP CYSTOGRAM

• No leakage!
"Lord, we thank thee."