Stoma Creation
Key Simulated steps and operative Principles

• Creation of an end ileostomy/colostomy
• Creation of a loop ileostomy/colostomy
Goals and Objectives

1. Understand and explain the indications for different types of stomas
2. Use Brooke ileostomy technique to create both a loop stoma and end stoma
3. Manipulate bowels gently to avoid traumatic injury
Required Materials and Costs

- Babcock
- Marking pen
- Scalpel
- CVD Mosquito
- Short Metz
- Adson x2
- 3-0 Vicryl (polyglycolic acid suture) on SH needle
- Suture scissors
Setup Step 1

Drill four holes into a plastic box
Setup Step 2

Suspend pork side using cable ties through the drilled holes on the side of the box
Setup Step 3

Place small bowel underneath the suspended pork side
Procedure Step

Make a mark where you want to bring out the stoma
End stoma
Procedure Step 1

Using a blade, excise a disk of skin
Procedure Step 2

Dissect down to fascia and through muscle
Use a Babcock to bring out the end of the bowel through the defect you just created.
Procedure Step 4

Brooke 4 corners first
Procedure Step 5

Interrupt the rest with 3-0 vicryl
Loop stoma
Procedure Step 1

Excise disk of skin
Procedure Step 2

Dissect down to fascia and through muscle
Procedure Step 3

Use Babcock to bring a loop of small bowel through the defect
Procedure Step 4

Use a clamp to secure the loop stoma to avoid slippage before it is matured.
Procedure Step 5

Create an enterotomy for the stoma
Procedure Step 6

Brooke 4 corners
Procedure Step 7

Secure the rest with interrupted
Checklist

- Able mature loop and end stoma in a Brooke fashion
- Gentle manipulation of bowels to avoid trauma