

# Stoma Creation

# Key Simulated steps and operative Principles

- Creation of an end ileostomy/colostomy
- Creation of a loop ileostomy/colostomy

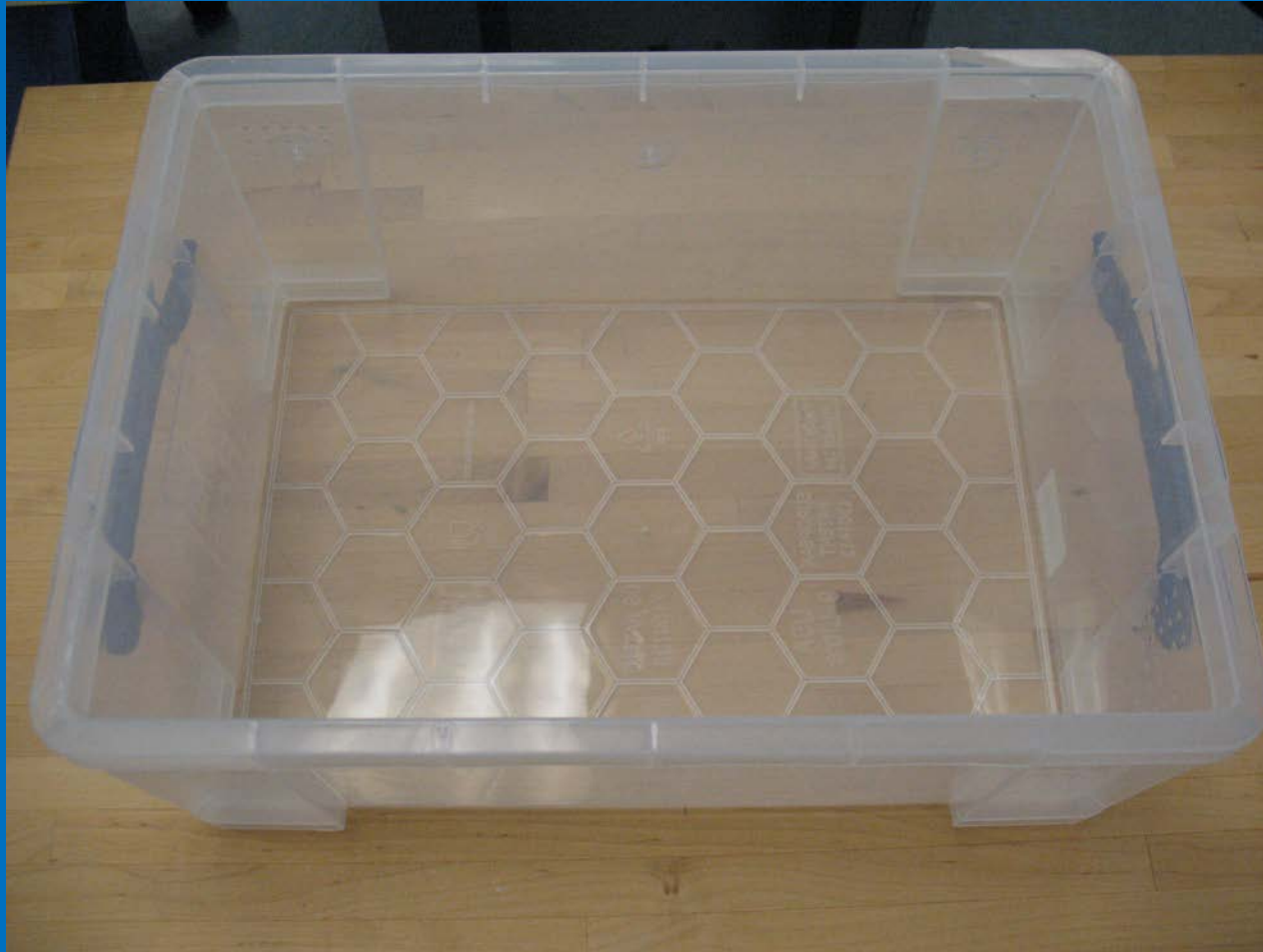
# Goals and Objectives

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



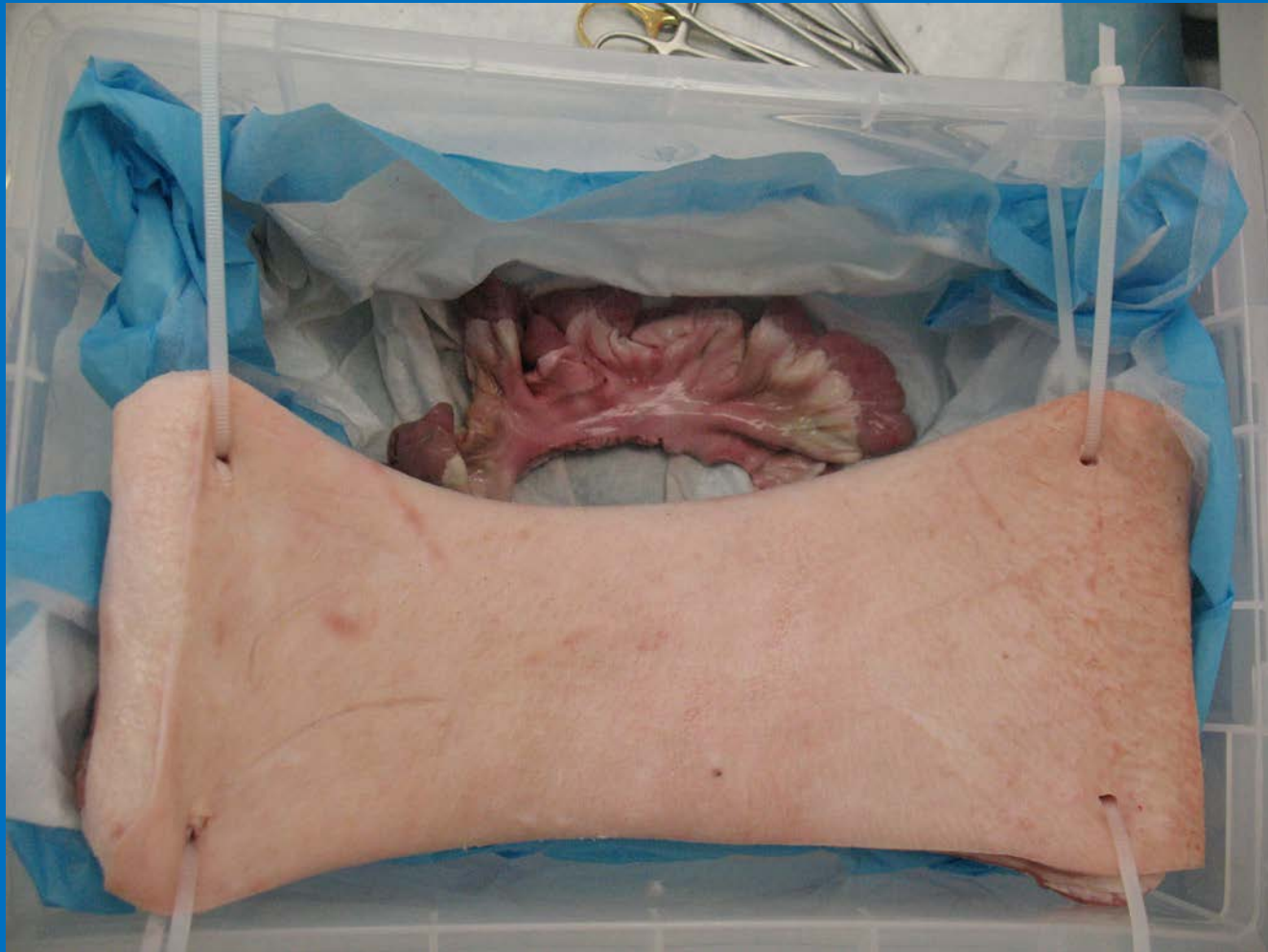
Drill four holes into a plastic box

## Setup Step 2



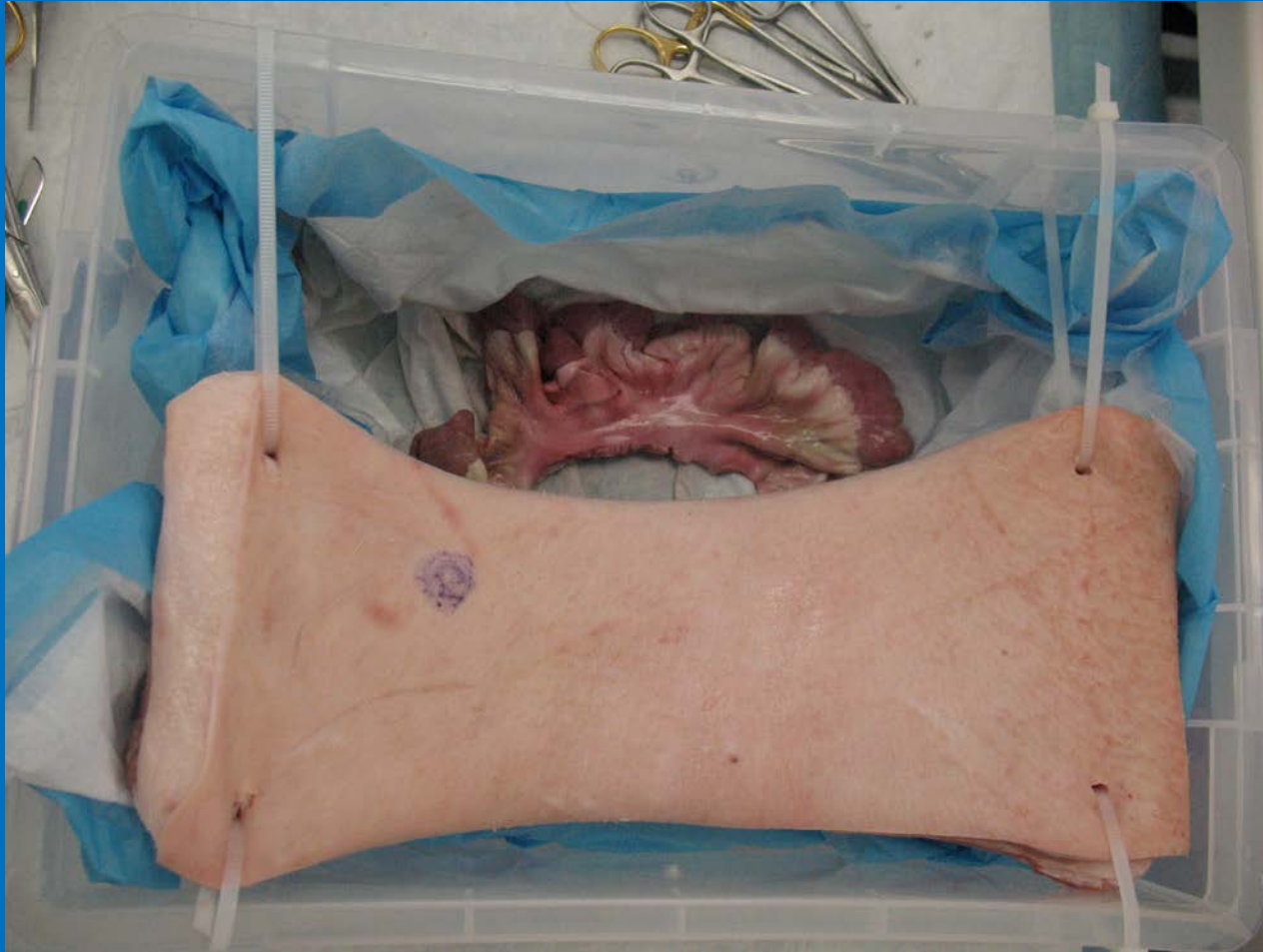
Suspend pork side using cable ties through the drilled holes on the side of the box

## Setup Step 3



Place small bowel underneath the suspended pork side

# Procedure Step

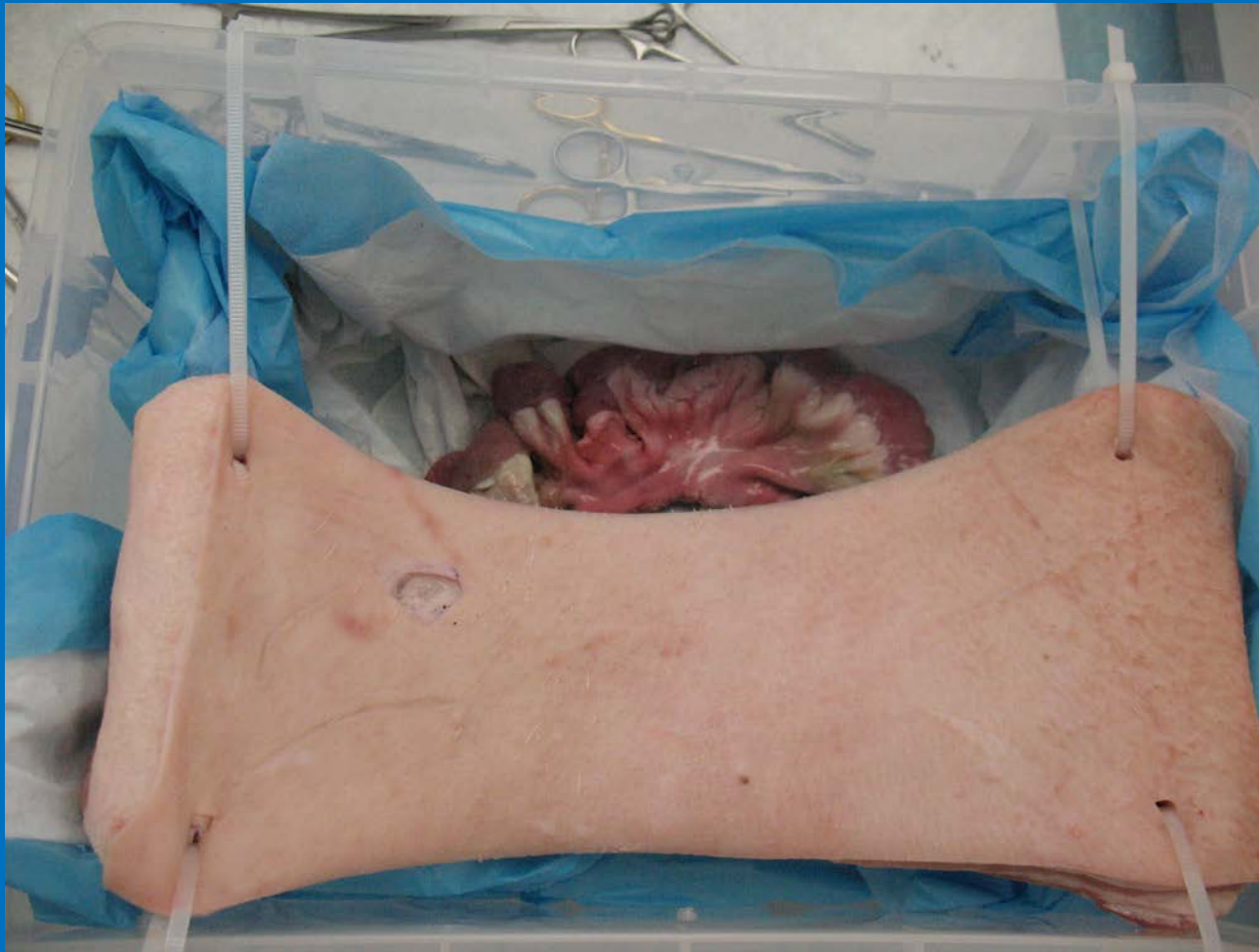


Make a mark where you want to bring out the stoma



End stoma

# Procedure Step 1



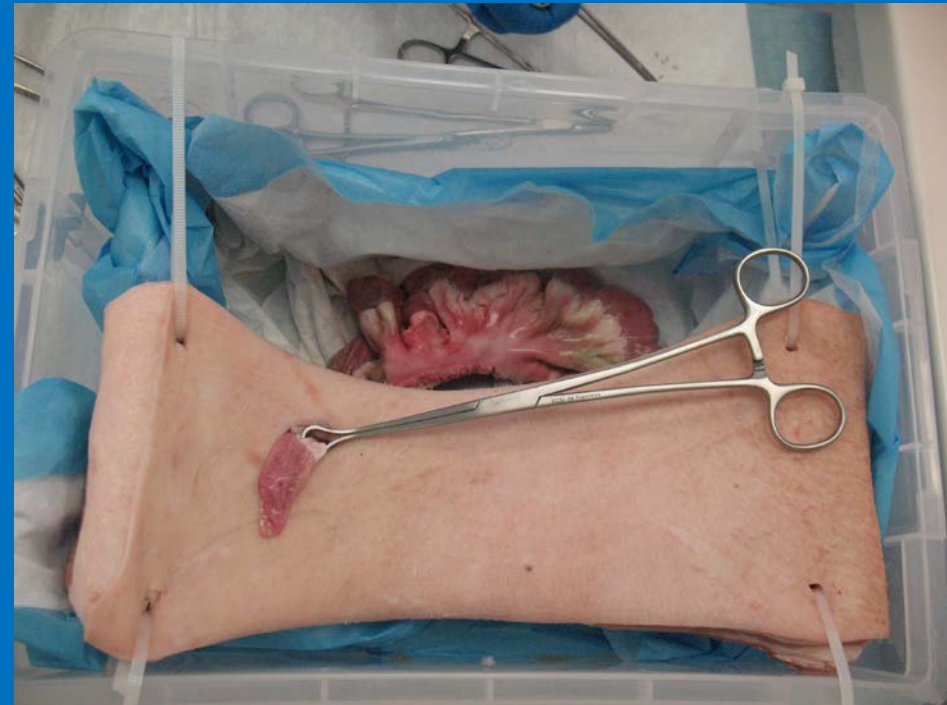
Using a blade, excise a disk of skin

# Procedure Step 2



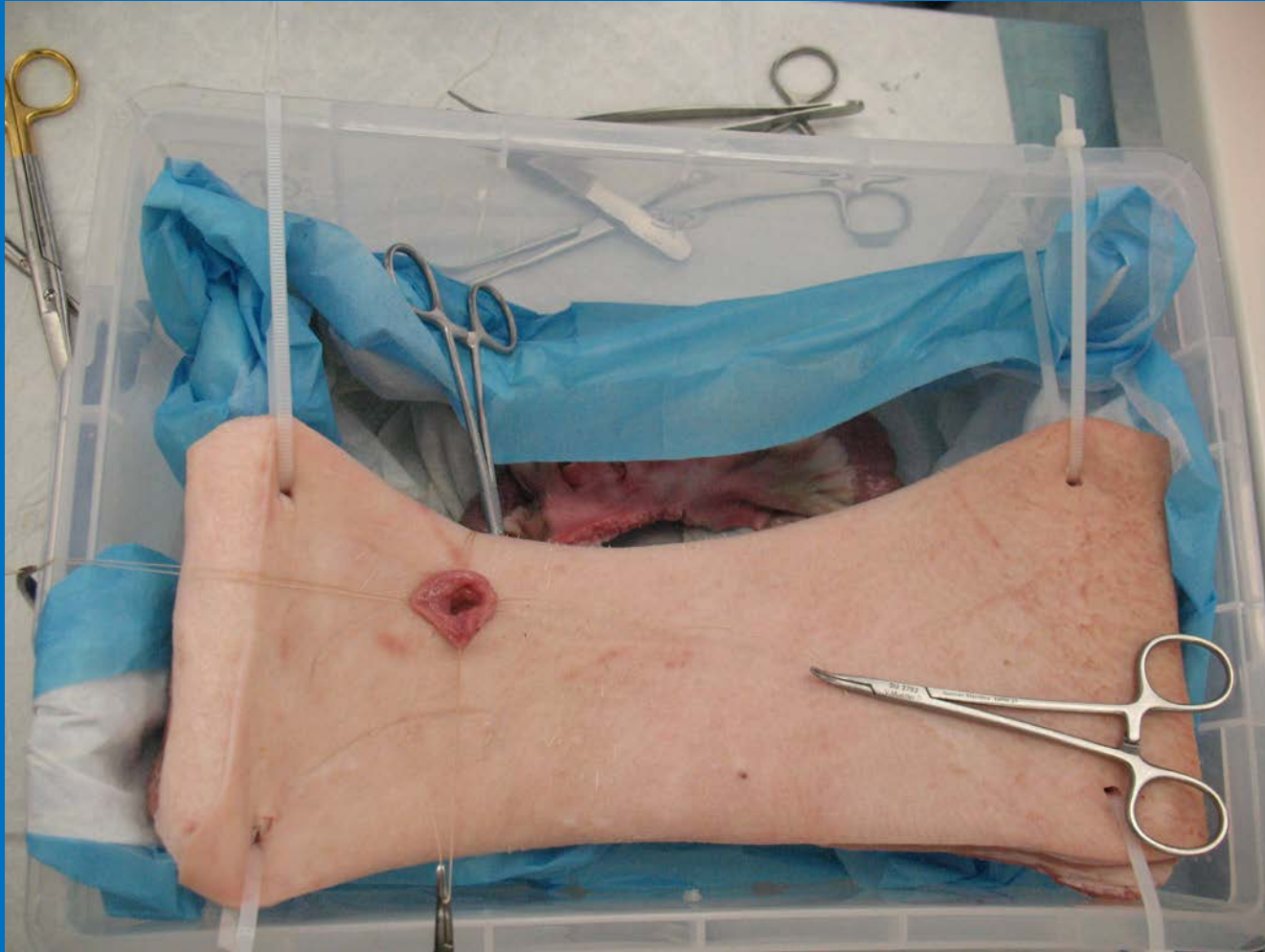
Dissect down to fascia and through muscle

# Procedure Step 3



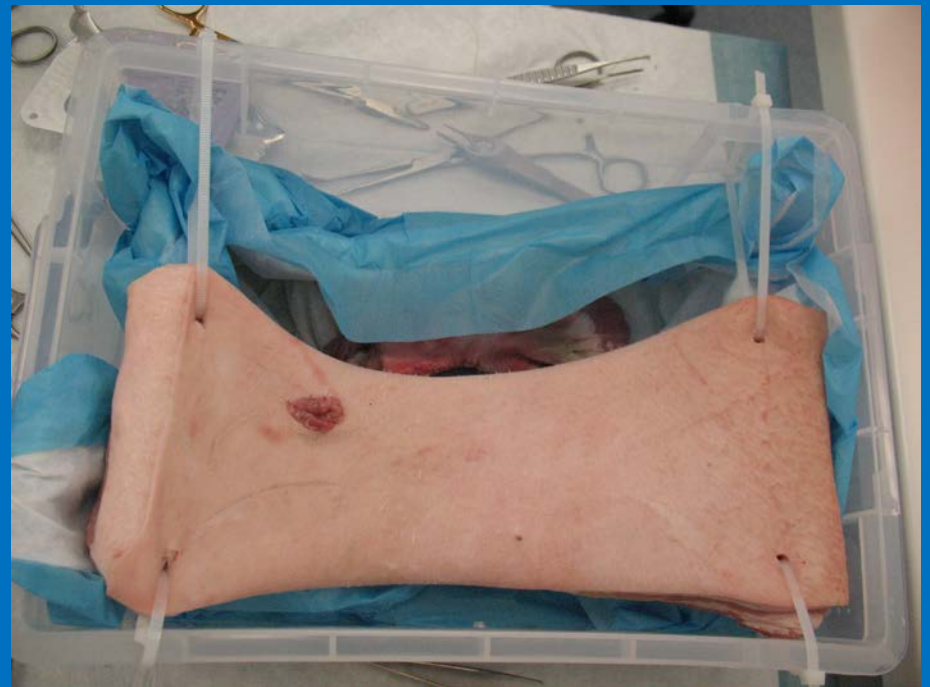
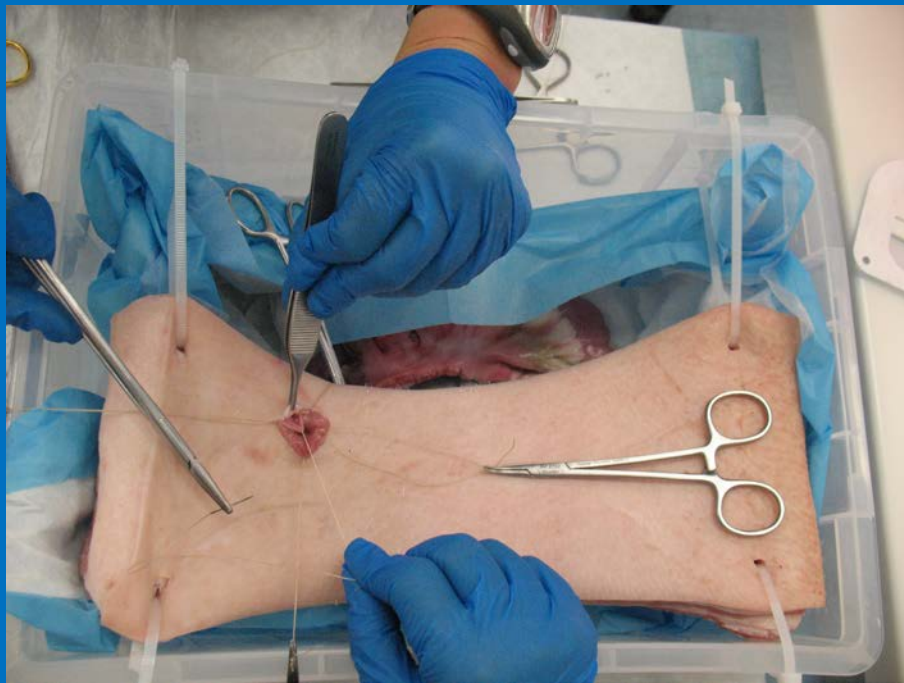
Use a Babcock to bring out the end of the bowel through the defect you just created

# 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

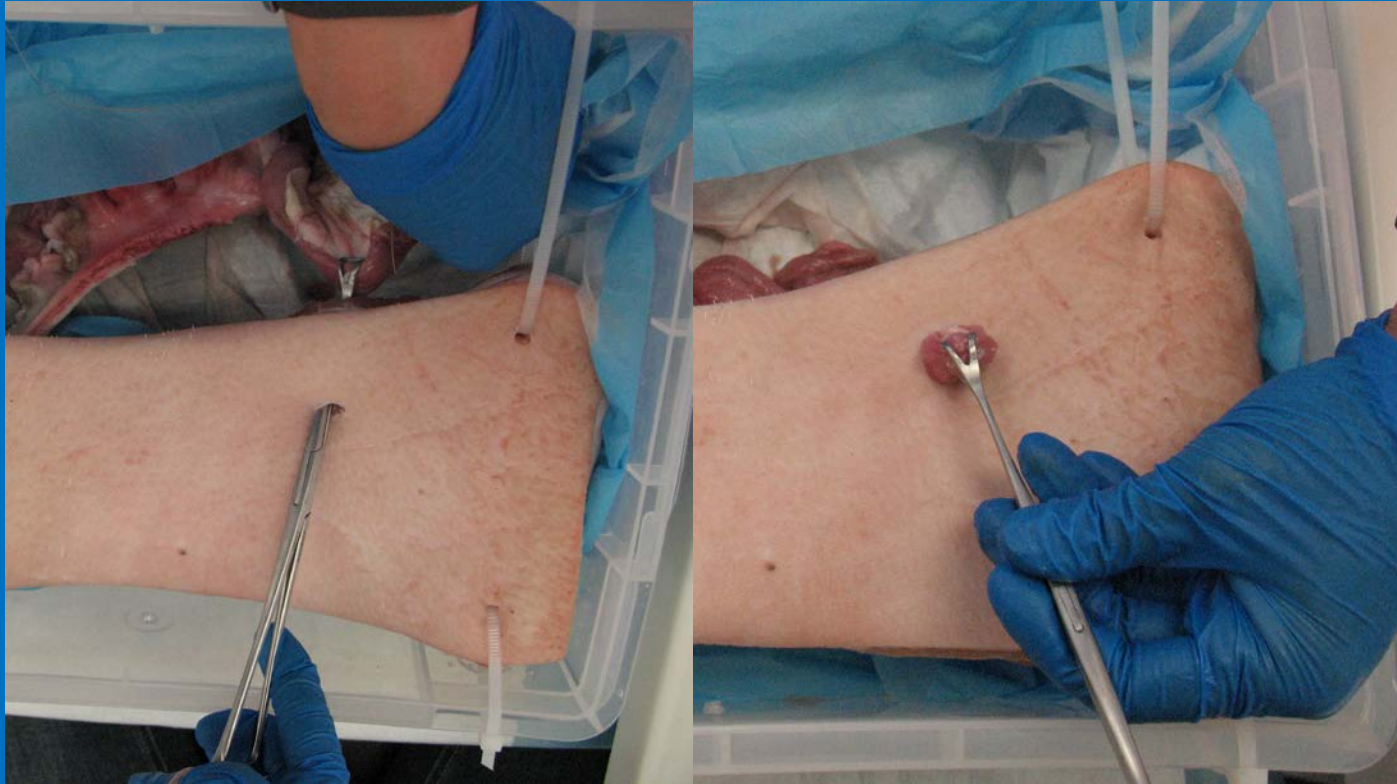


## Procedure Step 2



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



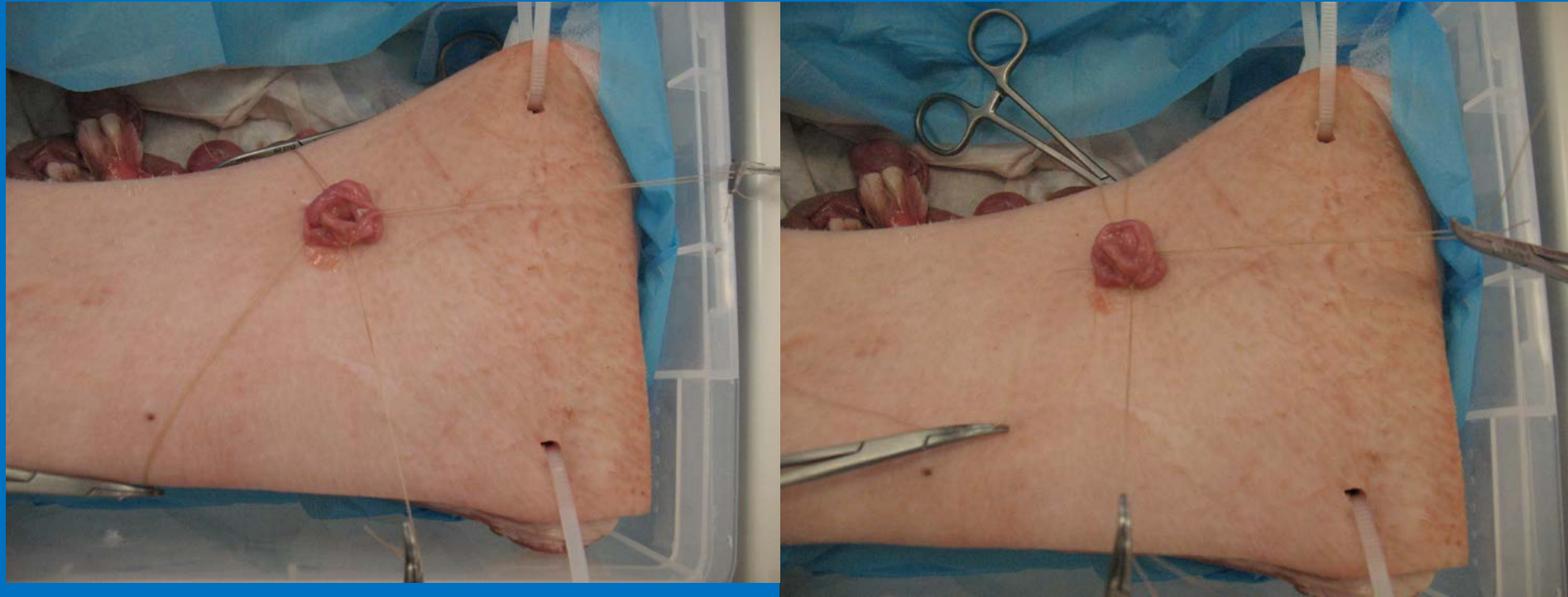
Use a clamp to secure the loop stoma to avoid slippage before it is matured

# 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