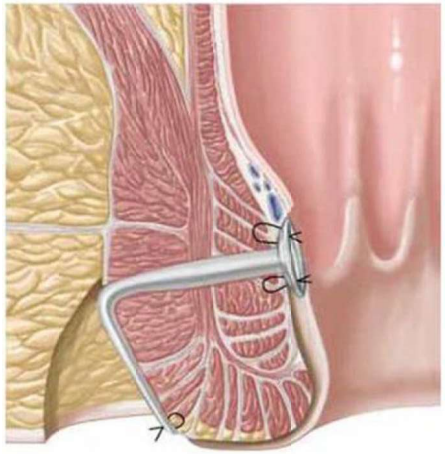
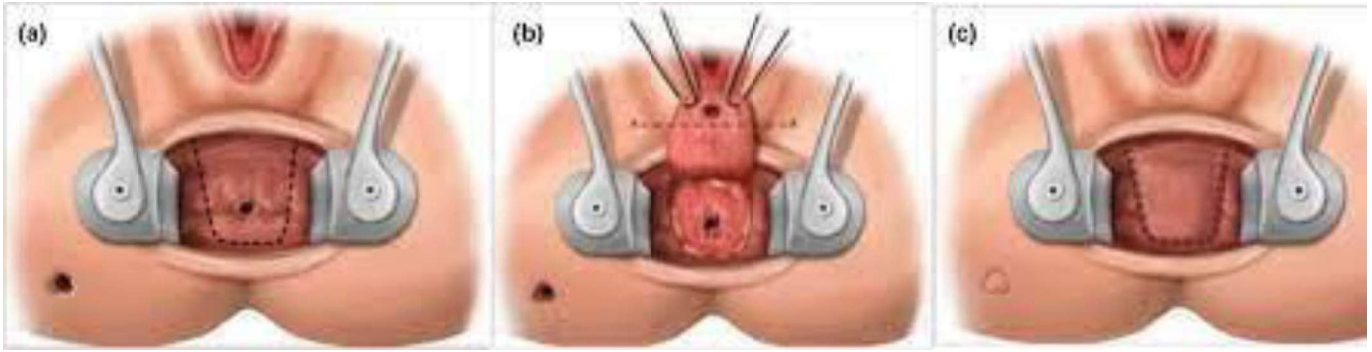
Fistula plug

- Biodegradable xenograft of collagen
- Easy to insert
- Very expensive
- 50-60% overall success rate at 1 year
- Very safe



Advancement flap

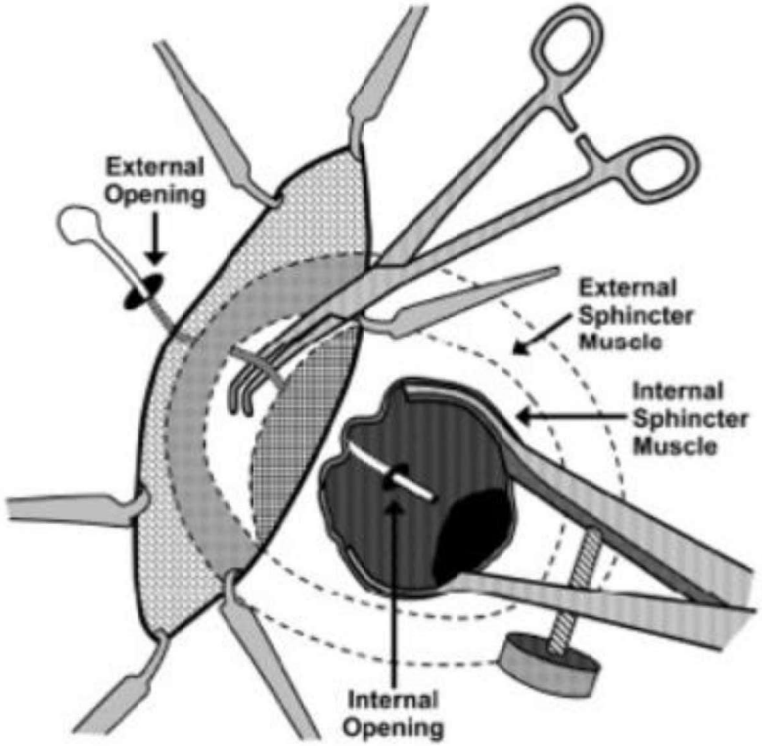


- Technically easy to do

- High success rate for non-Crohn's patients (80-90%)
- Subgroup analysis for Crohn's:
  - 70% at 1 year
  - 60% at 2 years

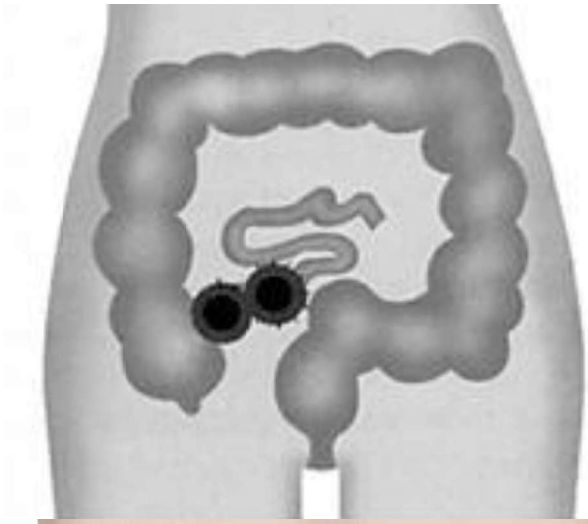
Ligation of Intersphincteric fistula (LIFT)

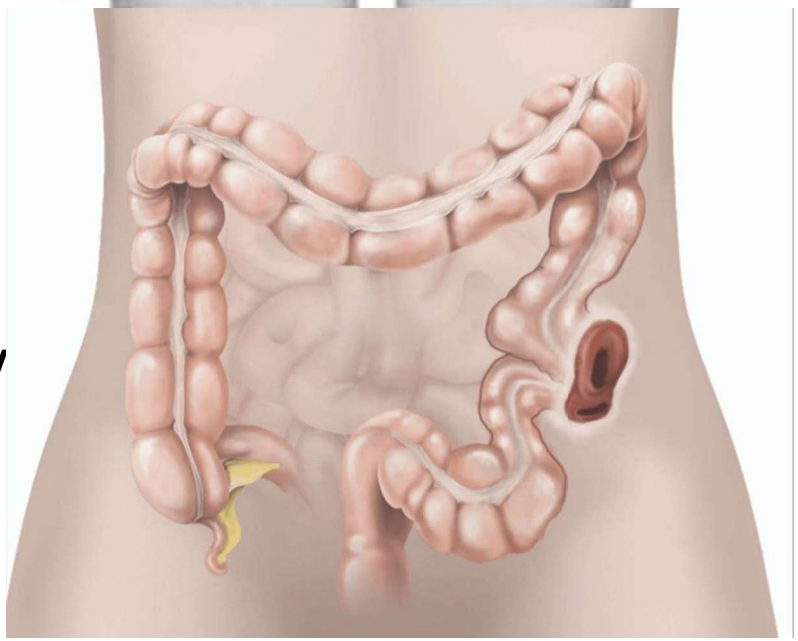
- Very poor result, painful as well
- No RCTs, level III, small sample size
- 50% failed by 10 months, 75% failed by 1 year
- Avoid in Crohn's



Diverting stoma

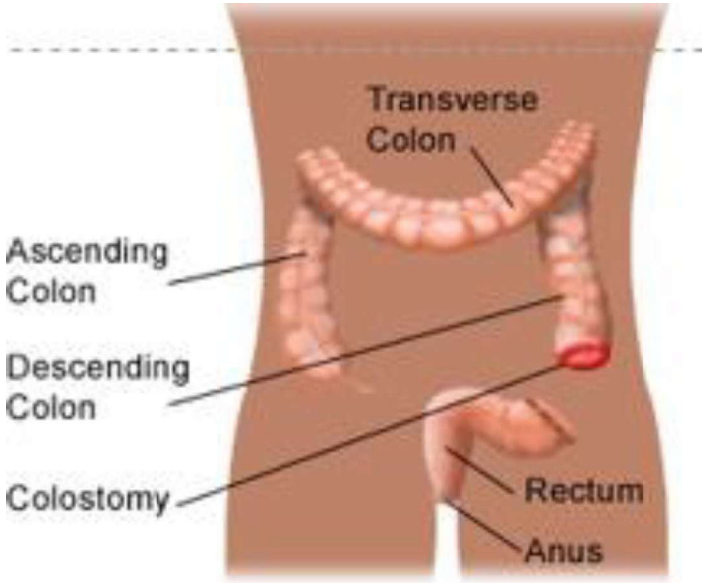
- Not most favoured, stigma and issues of a stoma
- Easily performed laparoscopically
- Reversible (so could the Crohn's)
- Controls mucosal Crohn's distally





Proctectomy

- Ultimate cure for perianal disease
- Irreversible decision
- Major surgery
  - Adhesions
  - Subfertility / Impotence
  - Perineal wound infection / hernia



Summary of management

- Drain sepsis
- Identify any associated mucosal Crohn's
- Fistulectomy / Seton +/- Abx
- Medical treatment: Top down or Step up / Vedolinzumab
- If you are in Europe or USA, Darvadstrocel injection
- Secondary surgery: Plug, flap, stoma or proctectomy

Comments?