Vulvovaginal Surgery

Thursday, November 14, 2013
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Learning Objectives

At the end of this presentation, the participant will:

• Increase knowledge on the variety of vulvovaginal procedures being performed in office and in the operating room
• View videos of a variety of surgical procedures including skin grafts and flaps
Tips

- The solution to pollution is dilution

Irrigation
Tips
Undermining Wound Edges

- Undermine 3:1
- May use
  - Sharp (scalpel)
  - Semi-sharp (iris-scissors)
  - Blunt (probe, forceps, finger)
  - Combination

3cm
1cm

Halving Principle

Courtesy Dr. E.J. Mayeaux, Jr.
Dog-ear Revision

- Burrow’s triangle

Cut a line at about a 90 to 135° angle

Courtesy Dr. E.J. Mayeaux, Jr.

Dog-ear Revision

- Lay the excess skin out flat
- Trim off excess

Overlap

Cut on this line

Courtesy Dr. E.J. Mayeaux, Jr.
Dog-ear Revision

- Place a corner suture "Hockey stick"

Corner Suture

- Start opposite side wound edge from a point
- Enter 5 to 8 mm from corner
  - Enter direction,
  - Exit direction
  - Entrance, Exit, Direction of pull

Courtesy Dr. E.J. Mayeaux, Jr.
Corner Suture

Enter the skin only to the level of the dermis

Gently elevate the tip

5mm loop goes through the dermis only of the flap tip

Corner Suture

Exit the skin parallel to the entrance point along the line of pull

Tie across

Courtesy Dr. E.J. Mayeaux, Jr.
Surgical Treatment of Lichen Sclerosus

- Limited role (high rate of recurrence)
- Surgical division of mucosal adhesions helpful in clitoral phimosis, introital narrowing
Tip- Do not do this on Lichen Planus Patients

Bartholin Cysts
Various Treatments

- Fistulization (Word catheter placement)
- Marsupialization
- CO2 laser vaporization
- Silver nitrate ablation
- Gland? - Duct excision
Marsupialization

Skene’s Duct Cyst Surgery

Video
Removal of Recurrent Bartholin Cyst Video

Prepuce Abscess Excision
Vestibulectomy Video

New Thoughts?
V to Y Flaps
Full Thickness Skin Grafts

Full Thickness Skin Grafts
Full Thickness Skin Grafts

Split Thickness Skin Grafts

- One procedure
  - Vulvar intraepithelial neoplasia
  - Paget
  - Cancers
- Two procedures
  - Hidradenitis suppurativa
Paget’s Disease
Split Thickness Skin Graft for Hidradenitis Suppurativa (website)
Split Thickness Skin Grafts
Summary