Vulvovaginal Surgery

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Cartagena

Written Information Available:

University of Michigan Center for Vulvar Diseases (Google)

Then, click on Information on Vulvar Diseases

http://obgyn.med.umich.edu/patient-care/womens-health-library/vulvar-diseases
University of Michigan Center for Vulvar Diseases

There are many reasons for seeing a vulvar disease specialist at the University of Michigan Center for Vulvar Diseases. Treating vulvar disease is not a one-step process but rather a comprehensive approach that includes diagnosis, treatment, and follow-up care.

The Center for Vulvar Diseases was created in 1992 to provide specialized care for women with vulvar disorders. Our goal is to offer the best possible care to our patients by providing comprehensive and individualized care.

Many women experience vulvar pain, including vulvodynia. Vulvodynia is pain on the lips of the vulva or upon intercourse with a normal appearing vulva. It is a burning, tingling irritation. Some patients are unable to accept sexual penetration due to muscle spasms and tenderness. Other conditions associated with vulvar pain include:

- Lichen sclerosus or lichen planus–chronic inflammatory skin disorders
- Vulvar intraepithelial neoplasia–a precancerous condition, often associated with a virus, the human papilloma virus (HPV)
- Infections suppressive–a disease of the skin and vagina, with pain and burning from infected tissue
- Bartholin cysts–fluid-filled cysts at the base of the labia


eFPCP, London, May 29, 2014

Greenville, South Carolina, August 27, 2014

- Your Diagnosis Is (PPT PDF)
- Your Diagnosis Is Handout (PDF)

ISSVD Chicago, September 8, 2014

- Your Diagnosis Is (PPT PDF)
- Your Diagnosis Is Handout (PDF)

Wayne State, September 16, 2014

- Your Diagnosis Is (PPT PDF)
- Your Diagnosis Is Handout (PDF)
- Recurrent and Recurrent Candidiasis and BV (PDF)

58th Annual T Hart Baker, MD OB/GYN Symposium, September 20, 2014

- Common Vulvar Complaints and Management (PPT PDF)
- Common Vulvar Complaints and Management What’s Your Diagnosis Handout (PDF)
- Recurrent and Recurrent Candidiasis and Bacterial Vaginosis (PPT PDF)
- Recurrent and Recurrent Candidiasis and BV Handout (PDF)
- Management of the Patient with Vulvar Pain Syndromes (PPT PDF)
- Management of the Patient with Vulvar Pain Syndromes Handout (PDF)

University of Virginia, November, 2014

- Your Diagnosis Is (PPT PDF)
- Your Diagnosis Is Handout (PDF)
- Vulvodynia Surgery Handout (PPT PDF)
- Recurrent and Recurrent Candidiasis and BV (PDF)
Learning Objectives

At the end of this presentation, the participant will:

• Increase knowledge on the variety of vulvo-vaginal procedures being performed in the office and in the operating room
• Evaluate surgical treatments in patients with scarring from vulvovaginal diseases
• View videos of a variety of surgical procedures

Tips

• The solution to pollution is dilution
Tips
Halving Principle

Dog-ear Revision

Burrow’s triangle

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

Hockey stick

Corner Suture

Opposite side wound edge from tip

Dermis

Fat

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 for Lichen Sclerosus in the Office
Tip- Do not do this on Difficult Lichen Sclerosus or Lichen Planus Patients in the Clinic
Surgical Treatment for Lichen Sclerosus in the Operating Room
Surgical Treatment for Lichen Sclerosus in the Operating Room
Prepuce Cyst and Lichen Sclerosus

Erosive Lichen Planus
Lichen Planus (LP)

- Affects the genital skin and mucous membranes producing vaginal scarring
- Can result in complete closure of the vagina
- Can also result in esophageal strictures
Lichen Planus (LP)

• Surgery for lichen planus (lysis of vulvo-vaginal adhesions) consists of opening the vagina under anesthesia, followed by long term vaginal dilation and intravaginal steroids.
Lysis of Vulvo-vaginal Adhesions in Lichen Planus

• Surgical lysis of adhesions
  – Goal
    • Improve urine flow, decrease risk of UTI
    • Allow intercourse, reduce dyspareunia
  – Best if disease controlled (koebnerization)
  – Results
    N=22, 11 patients who underwent surgery for vulvo-vaginal adhesions and 11 age matched controls
    • 6 months to 6 years post-lysis of adhesions
    • 91% satisfied with procedure
    • 75% of patients decreased urinary difficulties in
    • 55% able to have intercourse
    • 50% continued to fear pain
  – Immediate post-op steroids/dilator

We-Vibe

Skene’s Duct Cyst Surgery
Skene’s Duct Cyst Surgery Video

Vestibulectomy
Consider V to Y flaps if large amount of vestibule removed
V to Y Flaps
Lichen Sclerosus and VIN Differentiated V-to-Y Flaps
V-to-Y Flaps

V-to-Y Flaps
V-to-Y Flaps

Full Thickness Skin Grafts
Full Thickness Skin Grafts
Full Thickness Skin Graft Video
Split Thickness Skin Grafts

• Two major procedures
  – Hidradenitis suppurativa

• One major procedure
  – HSIL, VIN differentiated, Paget’s disease, Cancers
Split Thickness Skin Grafts
2 Years After Surgery

Paget’s Disease
Summary

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