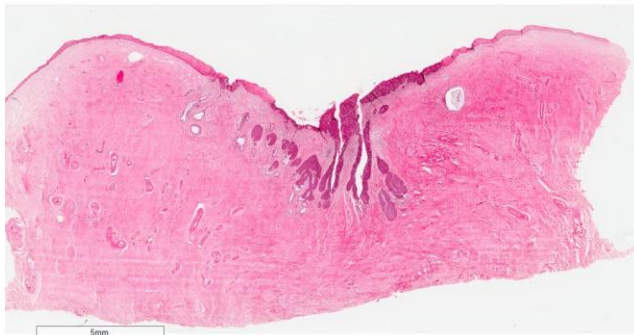


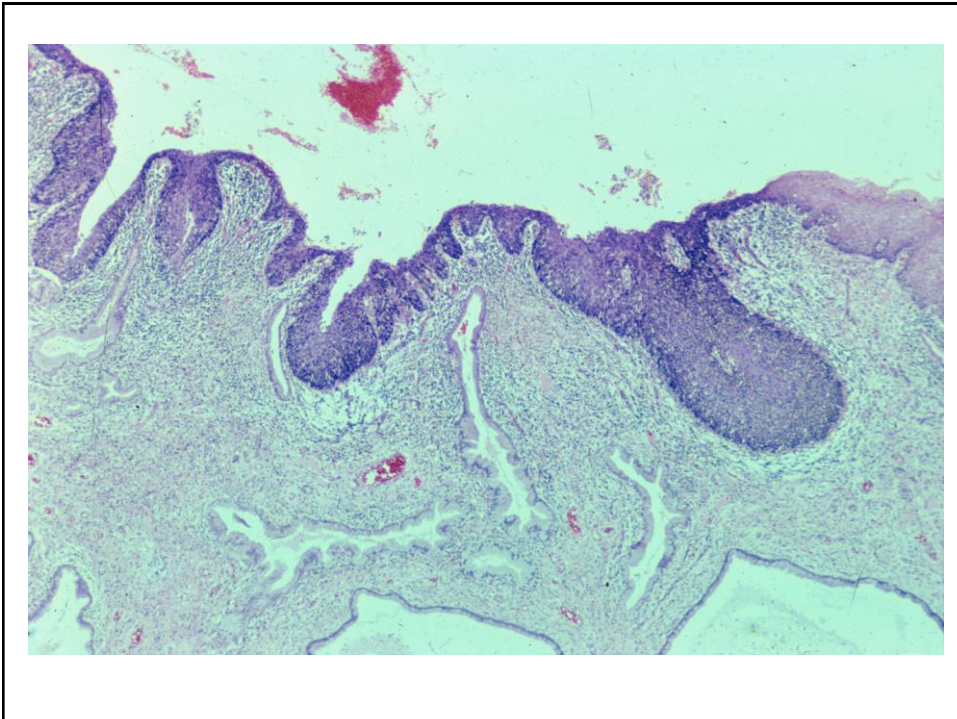
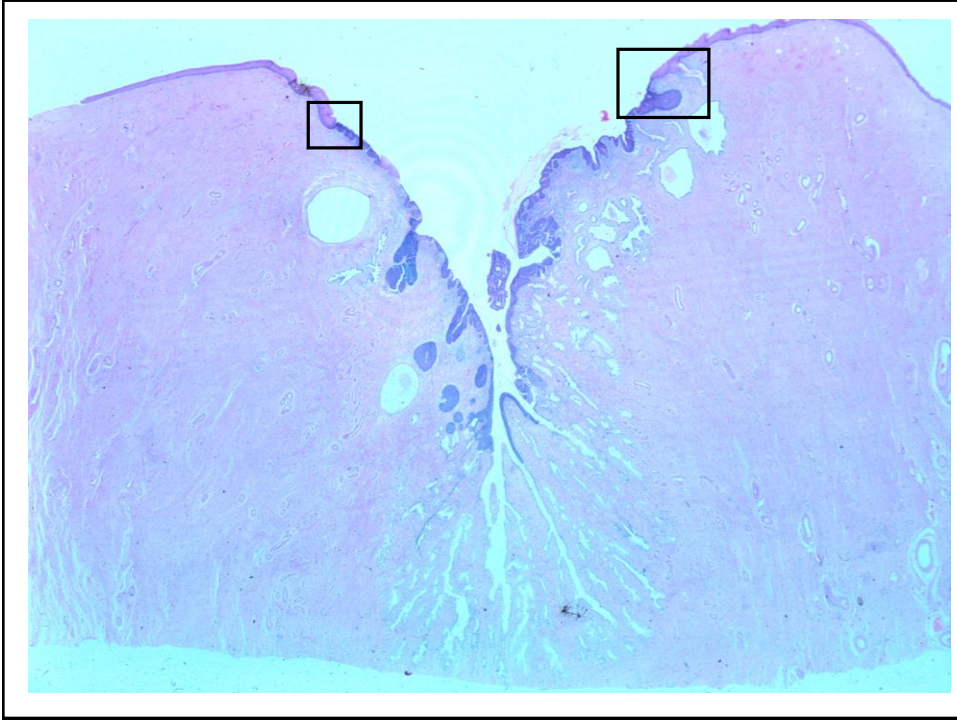
Slides Practical FEMALE GENITAL TRACT

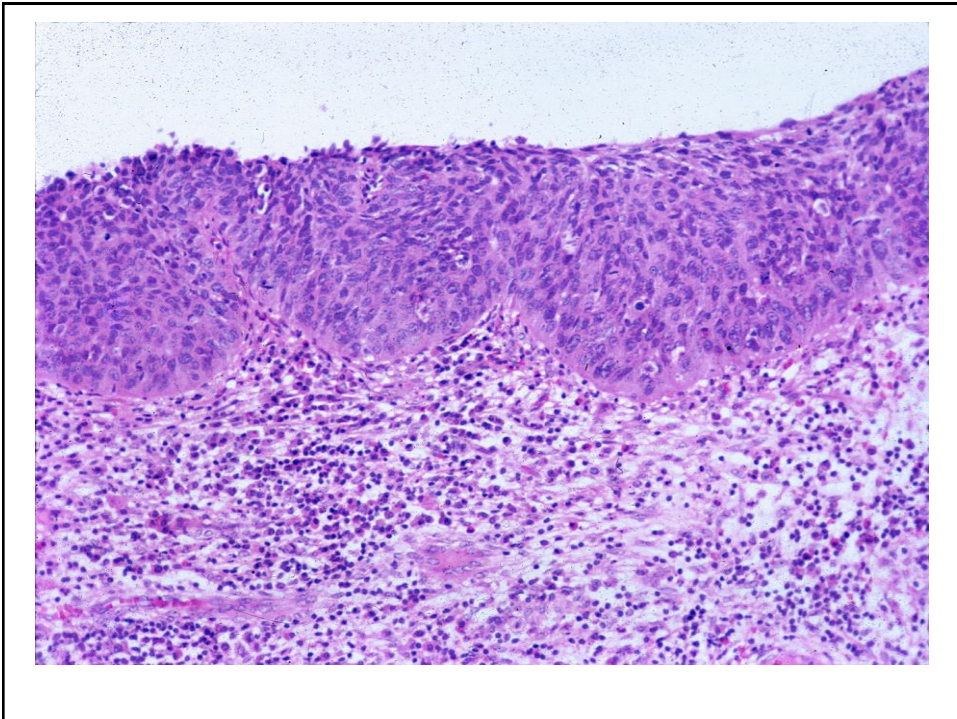
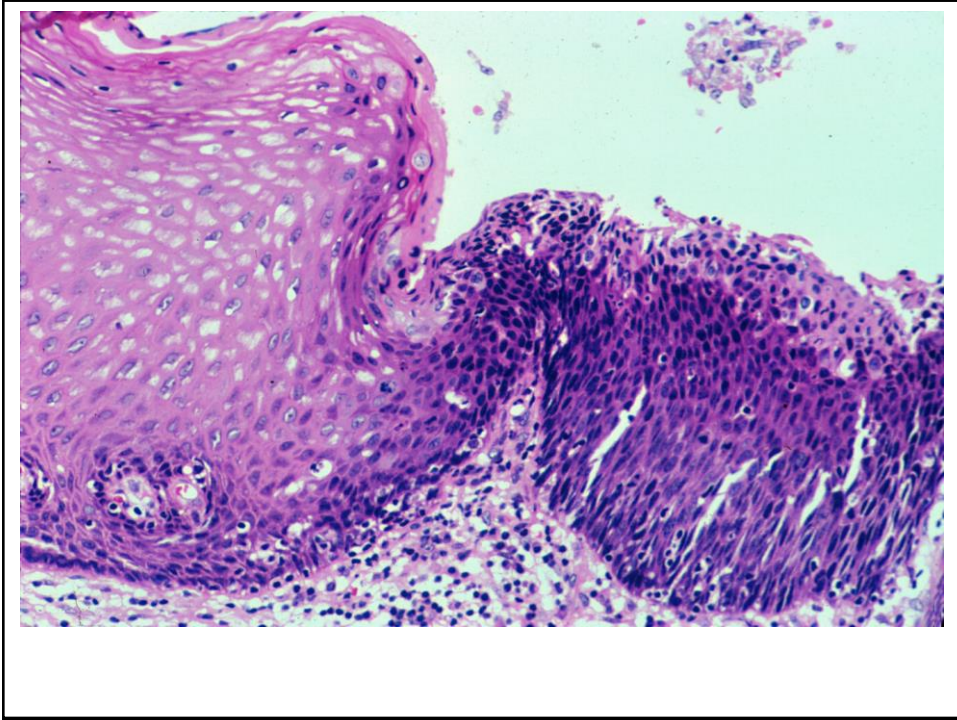
- *Slide 20 : Cervix – Carcinoma-in-Situ (CIN III)*
- *Slide 21 : Cervix – Squamous cell carcinoma*
- *Slide 22 : Uterus – Leiomyoma*
- *Demo slide : Uterus – Adenomyosis*

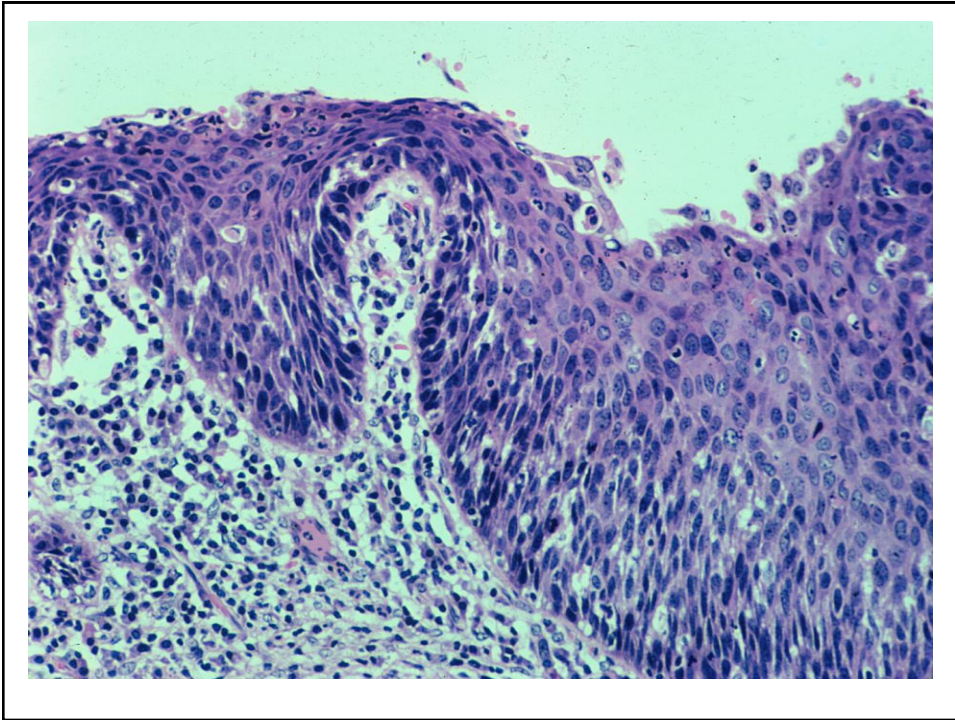
A 35-yr-old woman who had history of multiple sex partners in the past was found on routine gynaecological check-up to have an abnormal PAP smear. She was otherwise asymptomatic. Biopsy of the cervix was performed.



Virtual slide 20
Cervix – Carcinoma-in-Situ
(CIN III)







Questions :

- 1. What is CIN and how is it classified?
- 2. Describe the key histological features of the biopsy which shows CIN III.
- 3. How do you distinguish CIN III from invasive squamous cell carcinoma of the cervix *histologically*?
- 4. What is the significance of the social history?
- 5. How do cases of CIN usually present?

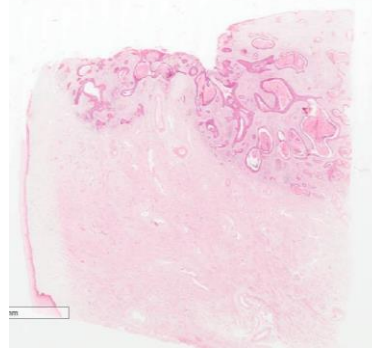
SLIDE 21

Cervix – Squamous cell carcinoma

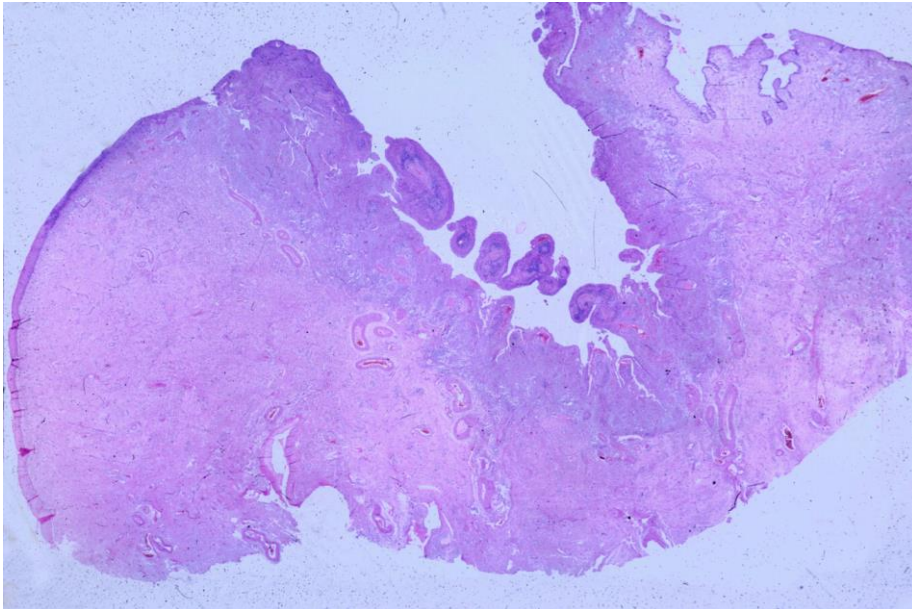
A 50-yr-old woman noticed post-coital bleeding 6 months ago. She now has intermittent spotting and vaginal discharge. An ulcerated exophytic growth was seen in the cervix. A PAP smear was taken followed by definite surgery.

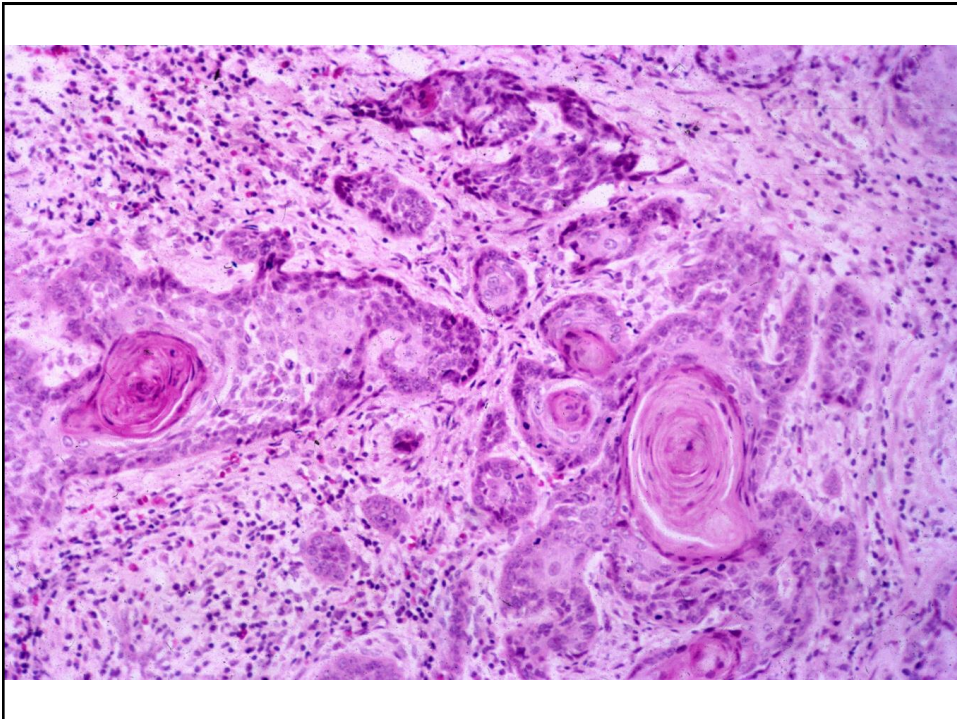
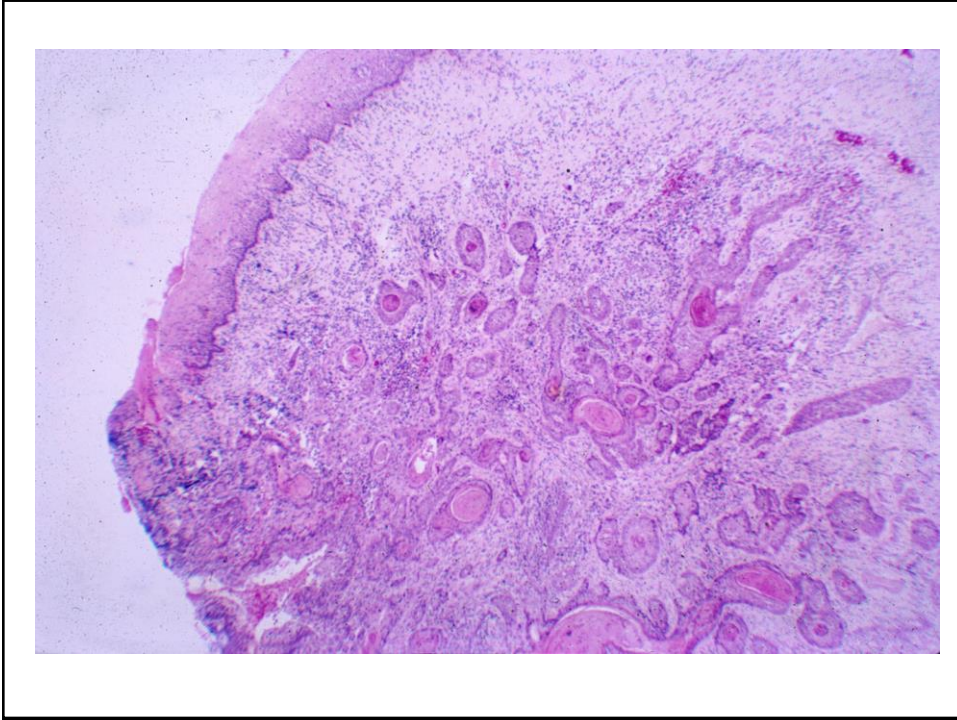


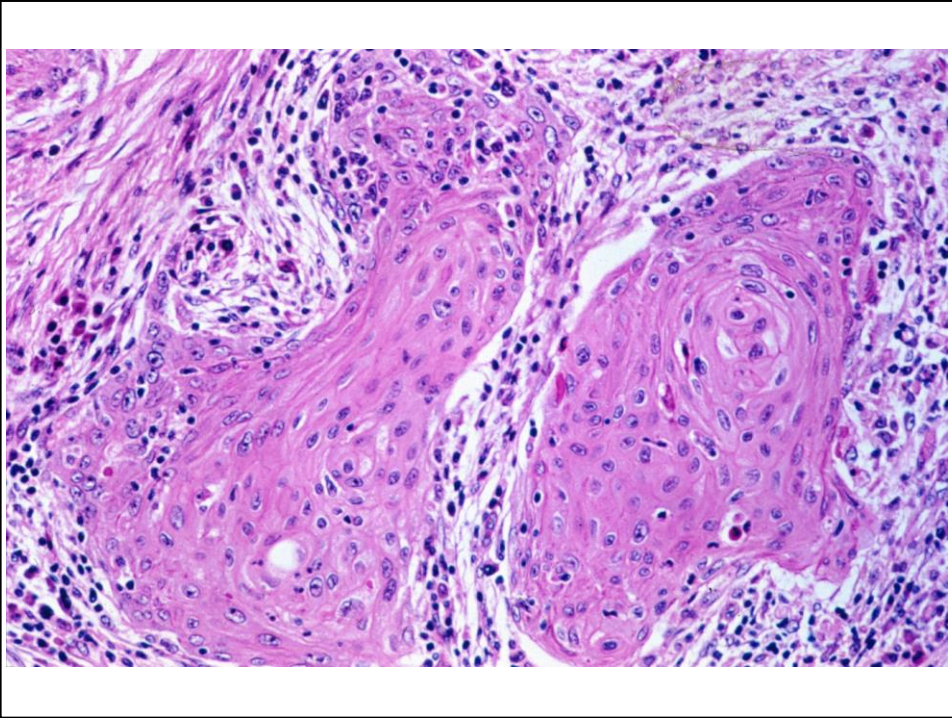
Uterus carcinoma cervix



Virtual slide 21 : Cervix –
Squamous cell carcinoma







Questions:

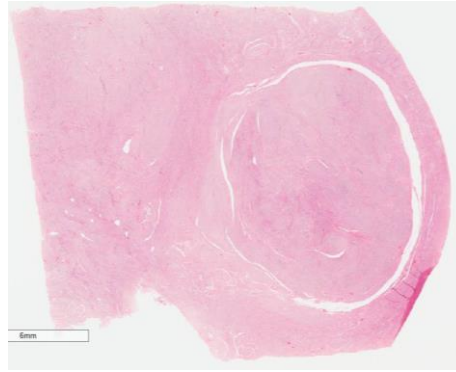
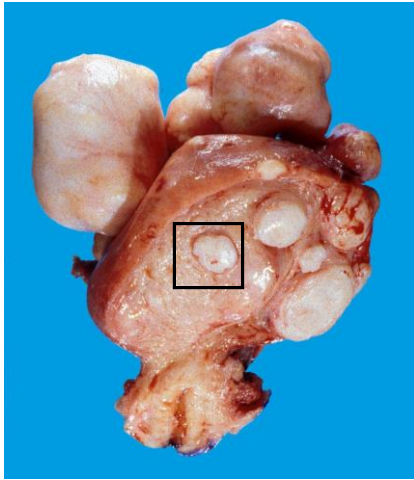
- 1. What are the histological features that indicate
 - malignancy
 - squamous differentiation?
- 2. How does this lesion differ from CIN III?
- 3. Account for the presenting complaints.

SLIDE 22

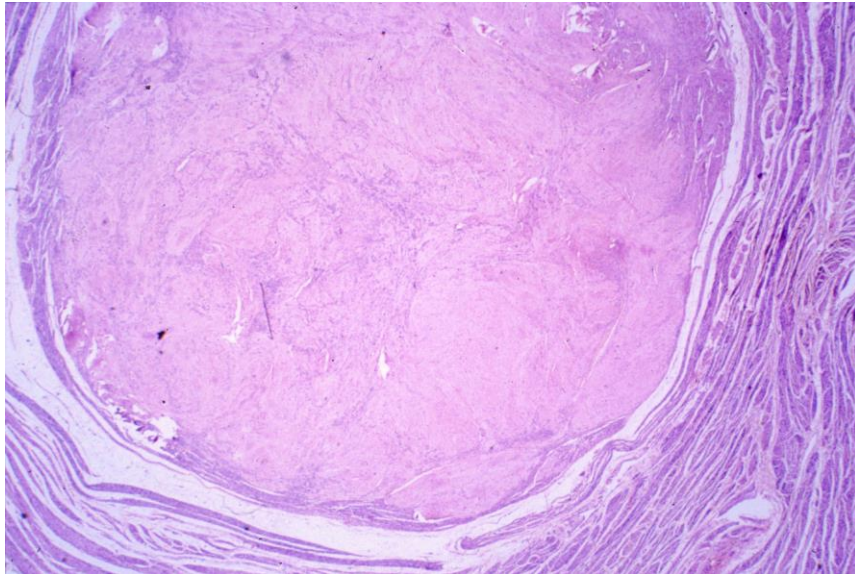
Uterus – Leiomyoma

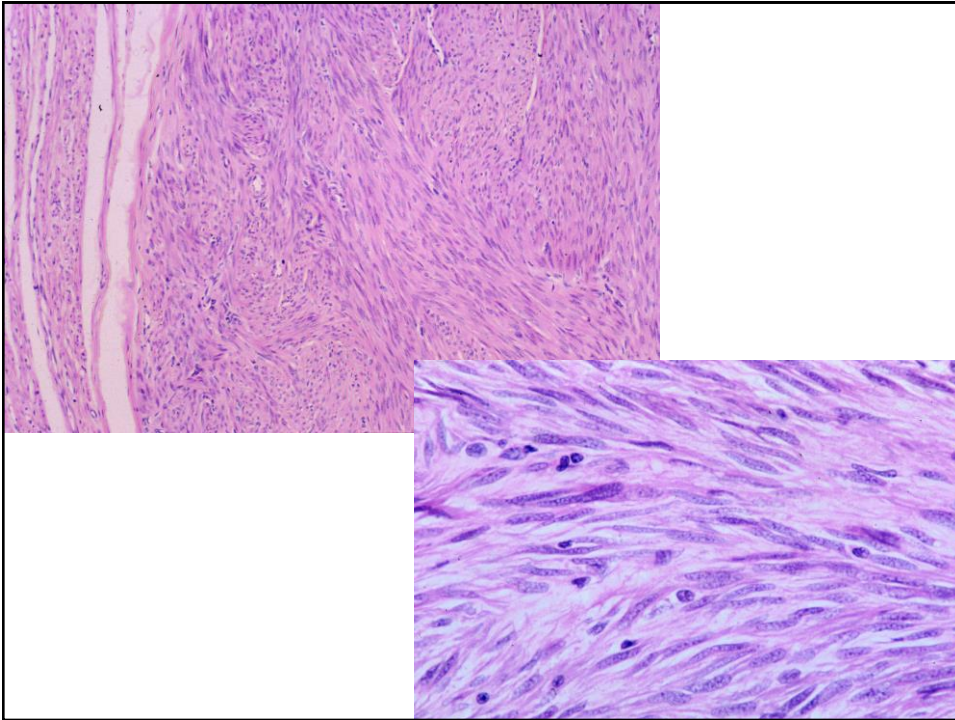
A 45 year old lady complains of heavy menses. Her full blood count shows her to be anaemic. After appropriate investigations, she undergoes a hysterectomy.





Virtual slide 22 : *Uterus – Leiomyoma*





Questions:

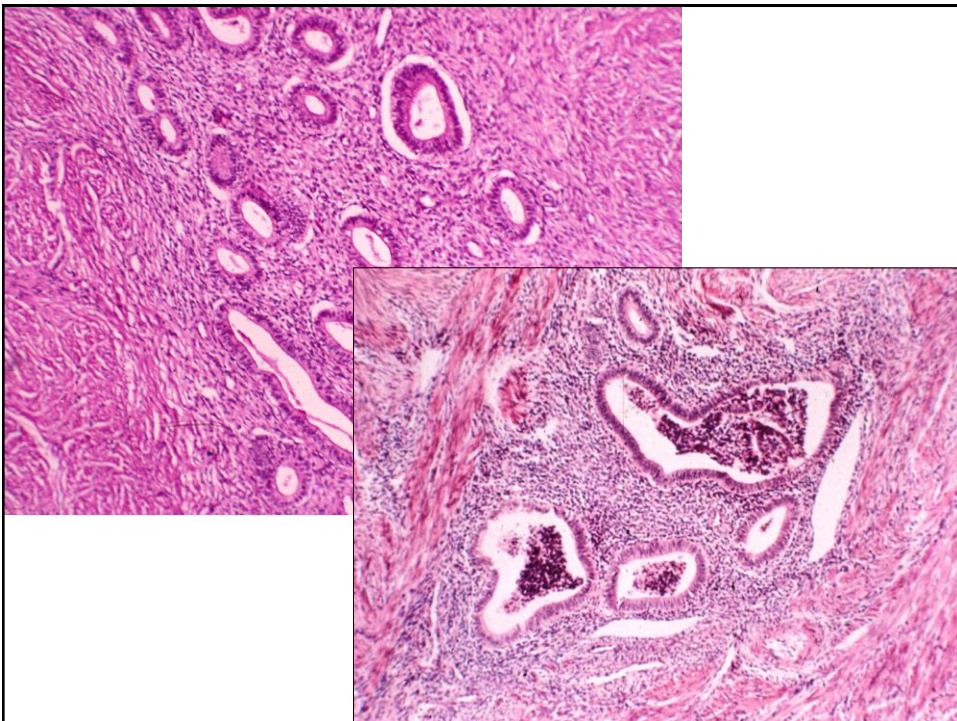
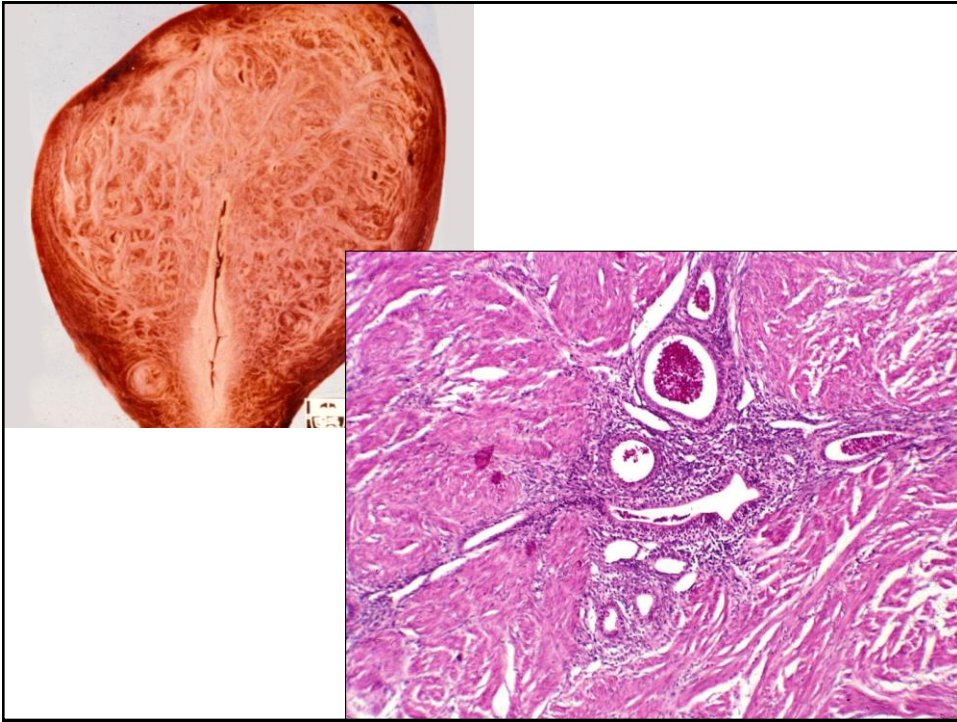
- Why does the patient complain of heavy menses?
- What are the differential diagnoses?
- What investigations would you perform for this patient to come to a diagnosis?
- What are the gross morphologic features?
- What are the histopathologic features?

Demo slide : Uterus – Adenomyosis

A 45-yr-old woman complains of heavy periods associated with pelvic pain during menstruation for the past 8 months.

Uterus: Adenomyosis





Questions:

- 1. What are the differential diagnoses?
- 2. Describe the histological features of this condition.
- 3. How do you distinguish it from endometrial adenocarcinoma invading the myometrium?
- 4. Why should there be heavy menstrual flow?
- 5. What is the relationship of the condition to hormones?
- 6. What is endometriosis?