



22nd Refresher Course on Colposcopy

26th April 2016

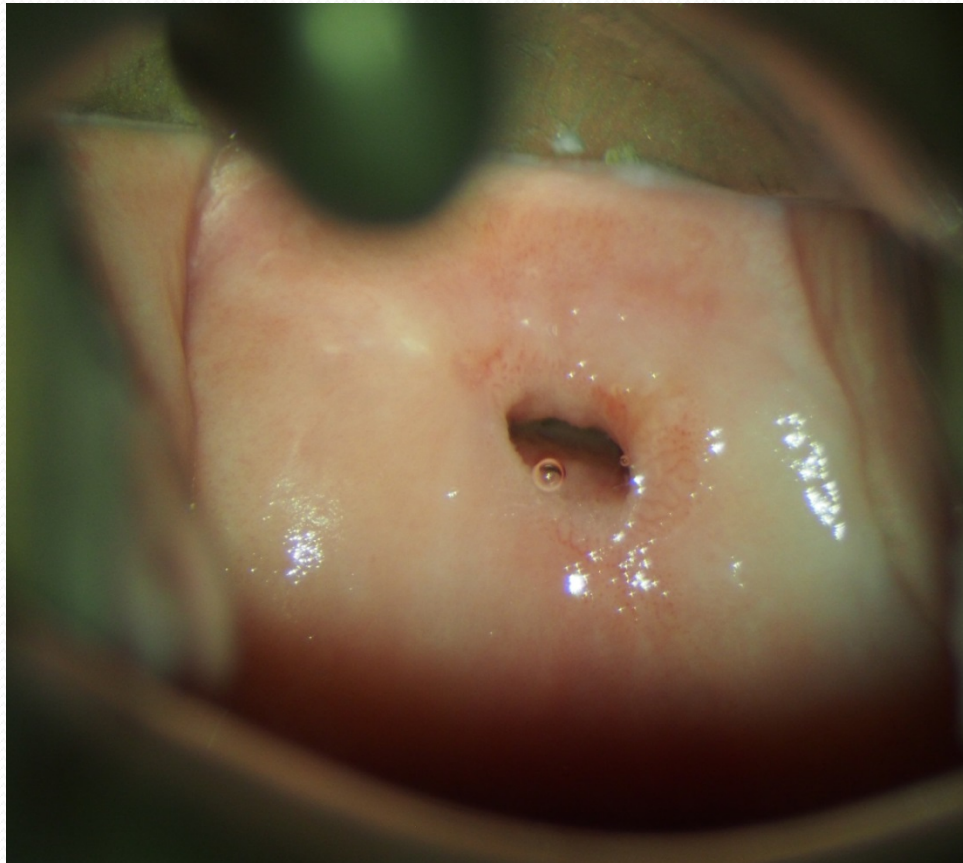
The Hong Kong Society for Colposcopy and Cervical Pathology
Prince of Wales Hospital
Dr.. Lee Ho Sze Jacqueline

Case 1

- F/26
- Good past health
- Non-smoker
- PS 10/2015: ASCUS

Colposcopy on 3/2016

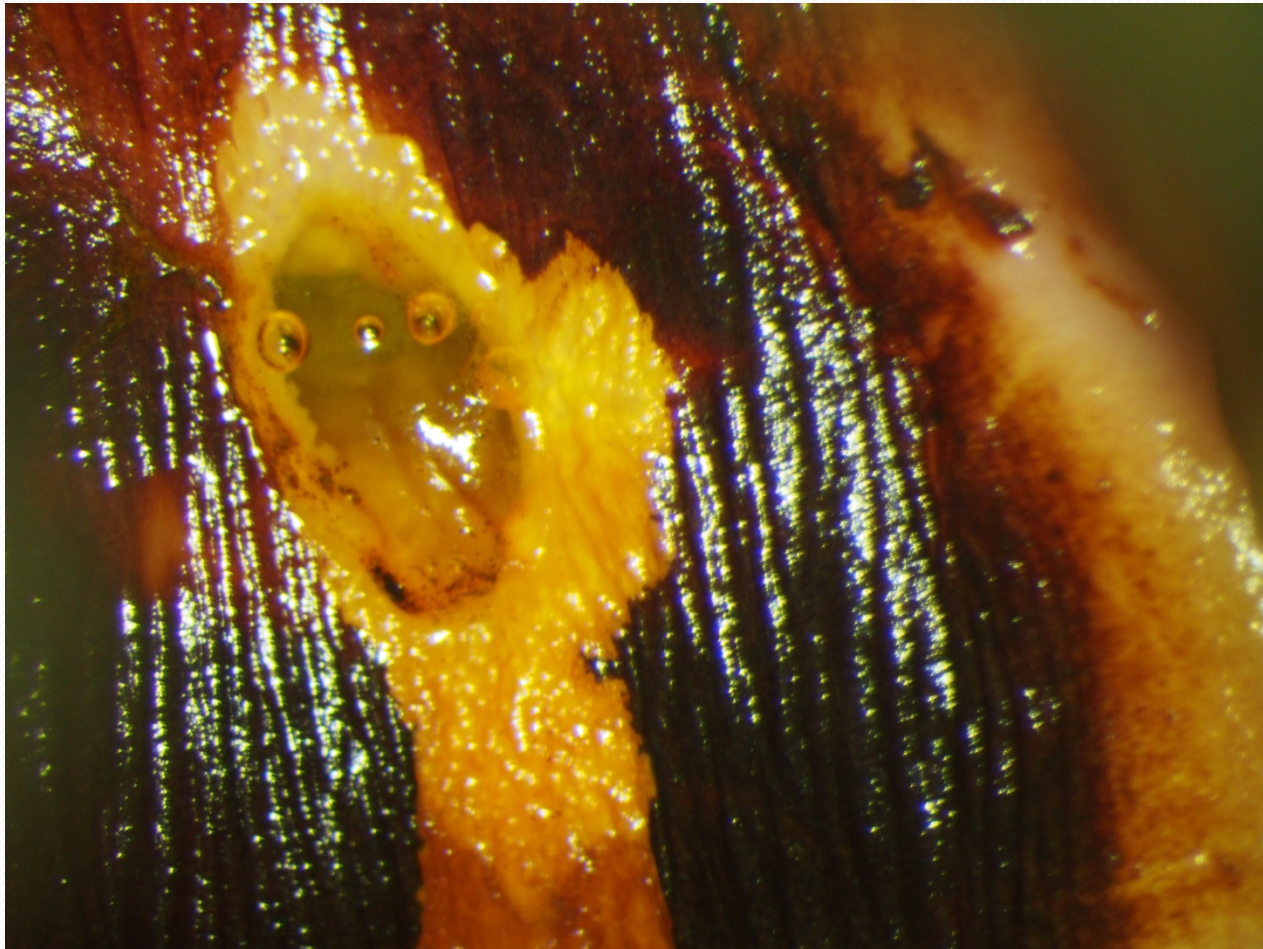
Before acetic acid



Acetic acid



Lugol's iodine





Colposcopic diagnosis

CIN I

Histology

CIN I

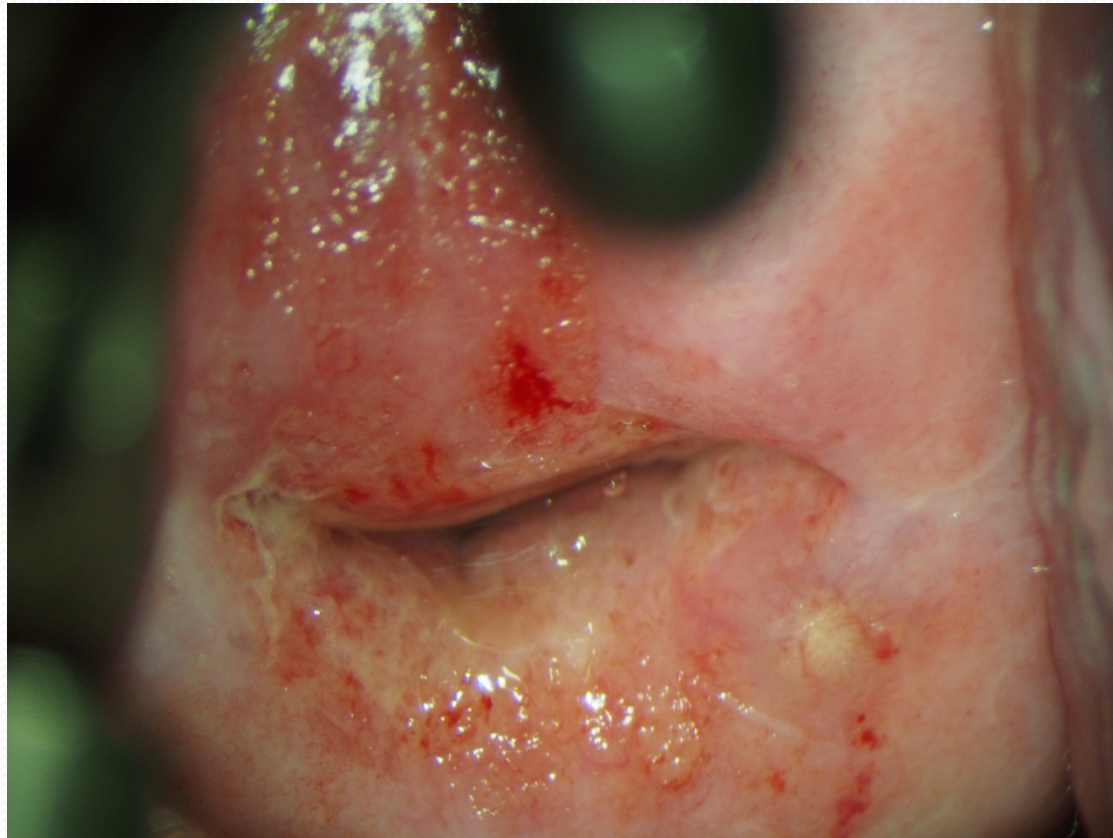


Case 2

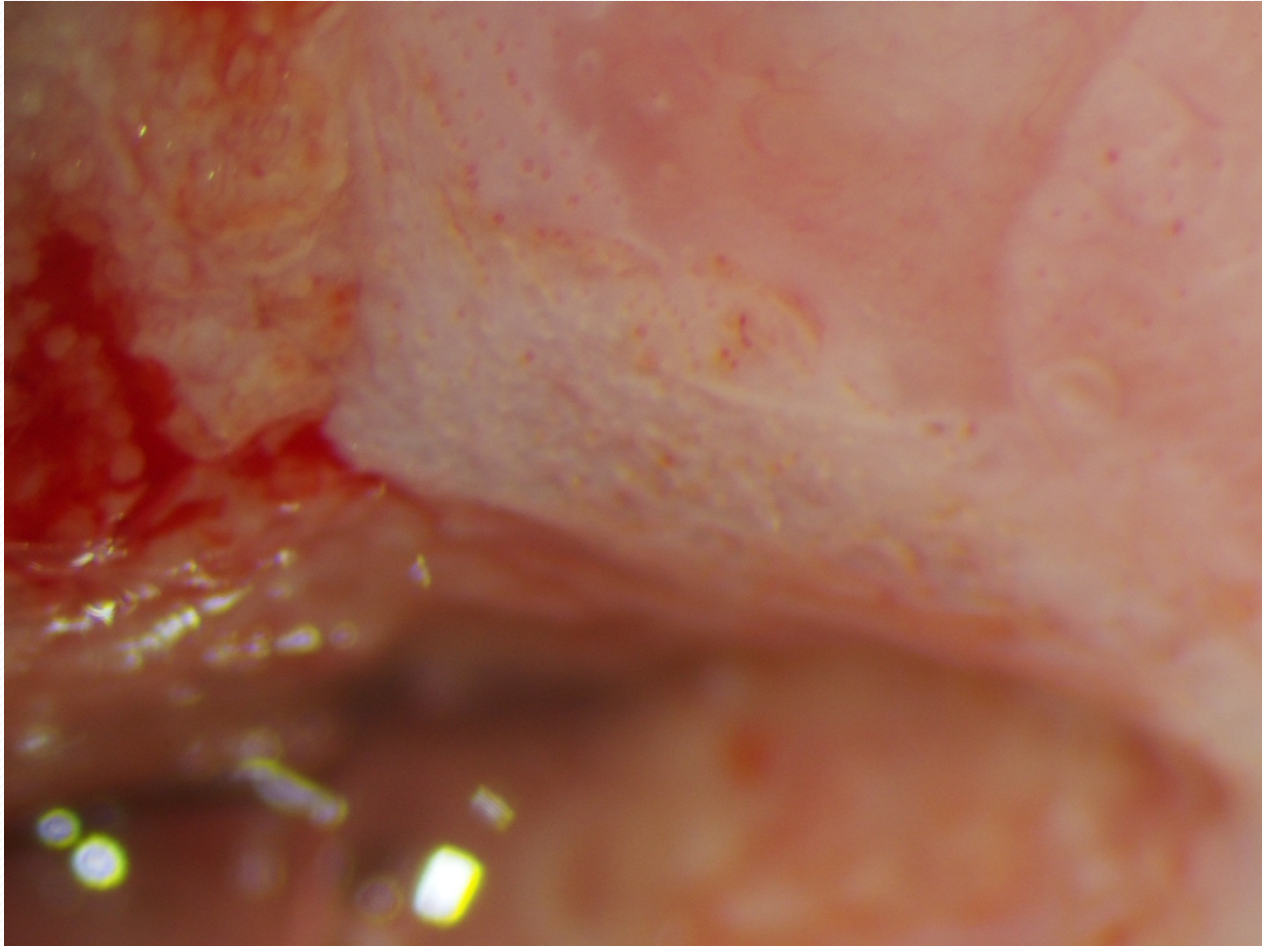
- F/51
- Para 2
- Past health: hypertension, diabetes, ischemic heart disease
- Non-smoker
- Pap smear 12/2015: ASC-H

Colposcopy 1/2016

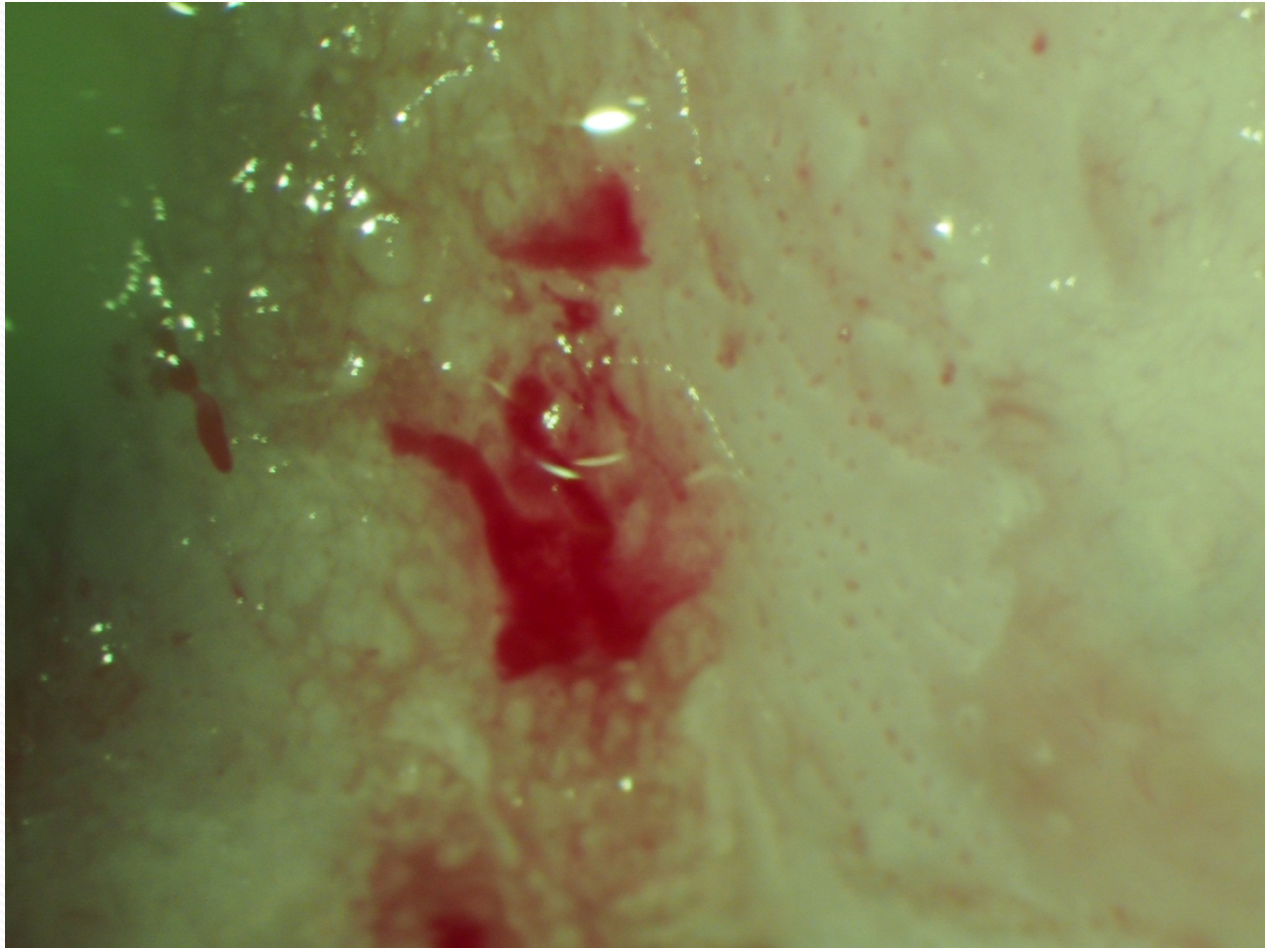
Acetic acid



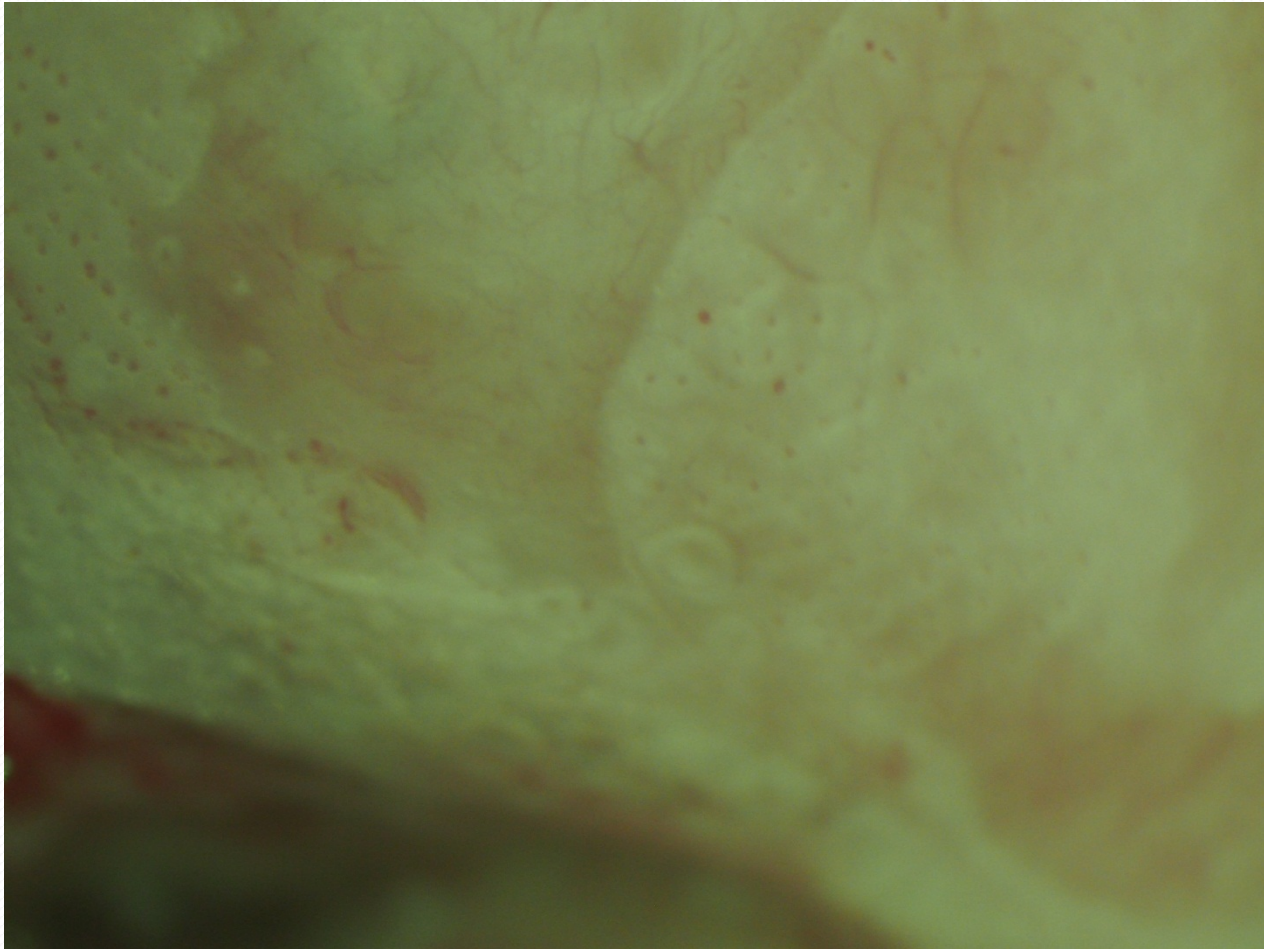
Acetic acid



Green filter



Green filter



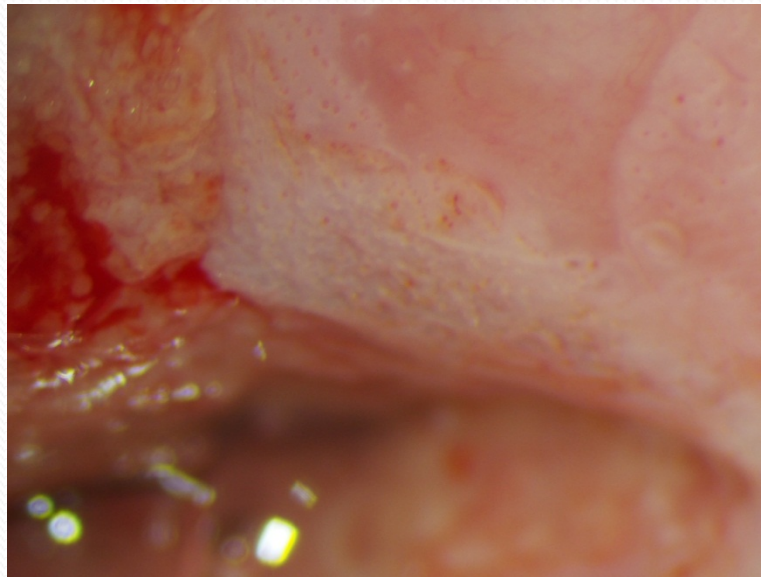


Colposcopic diagnosis

CIN III

Histology

CIN II

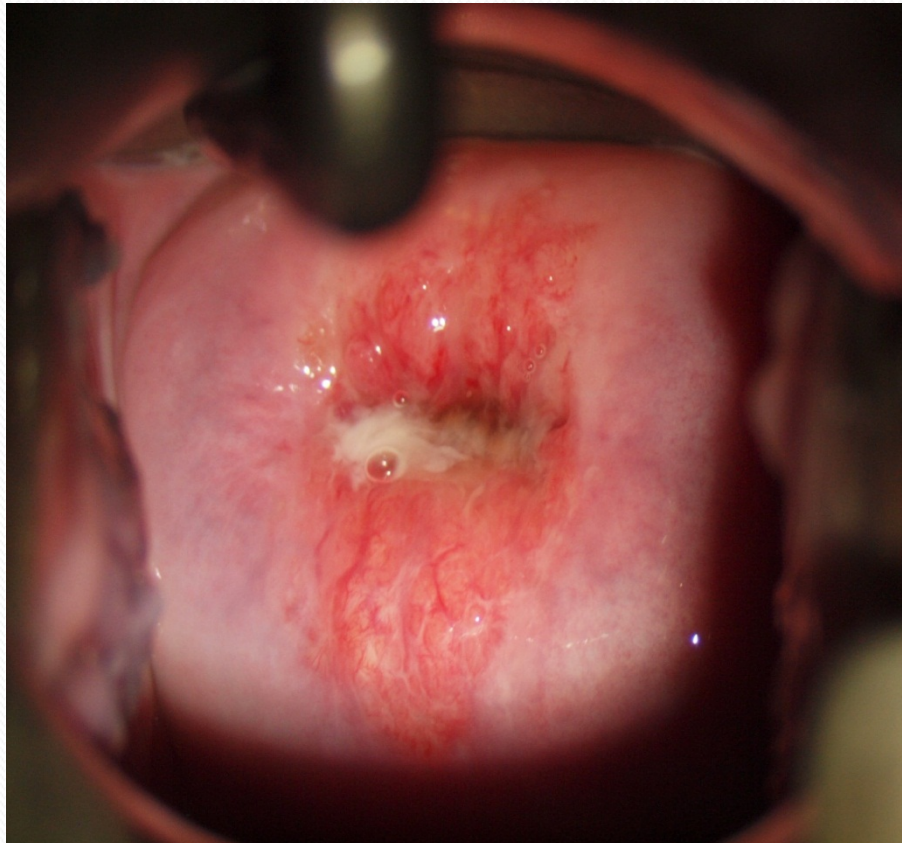


Case 3

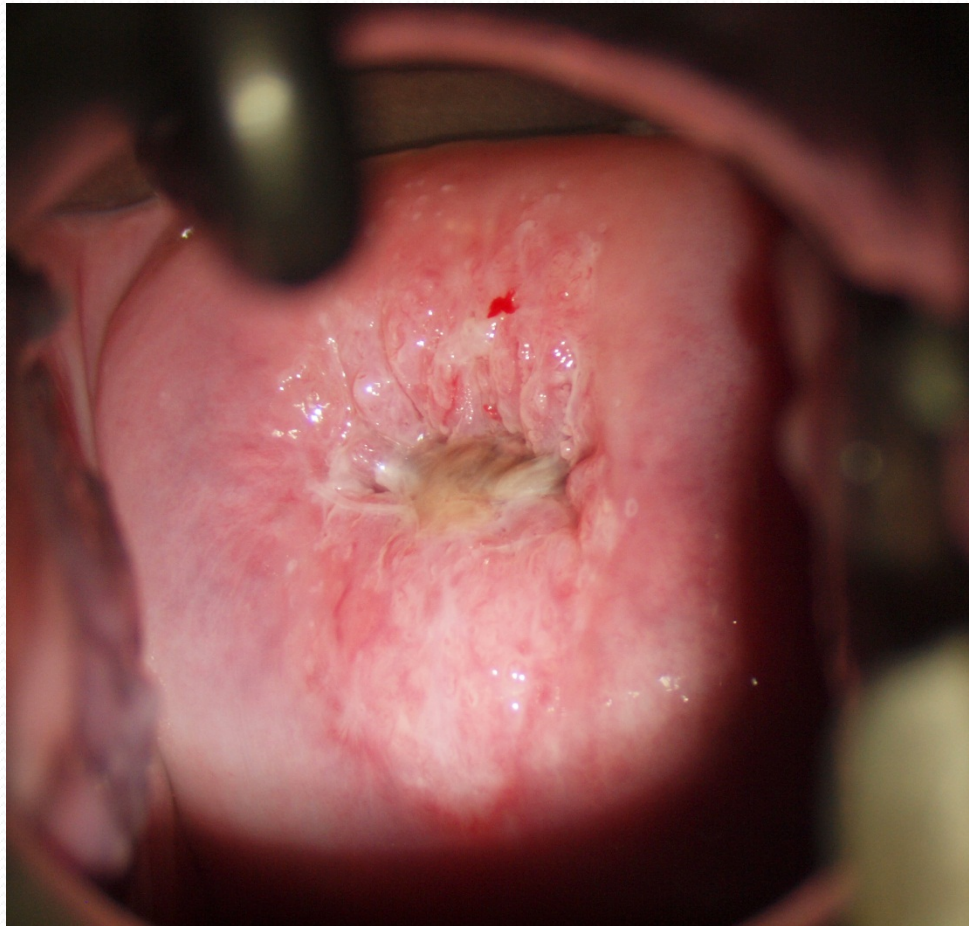
- F/42
- Past health: hypertension
- Pap smear 9/2012: ASC-H

Colposcopy on 11/2012

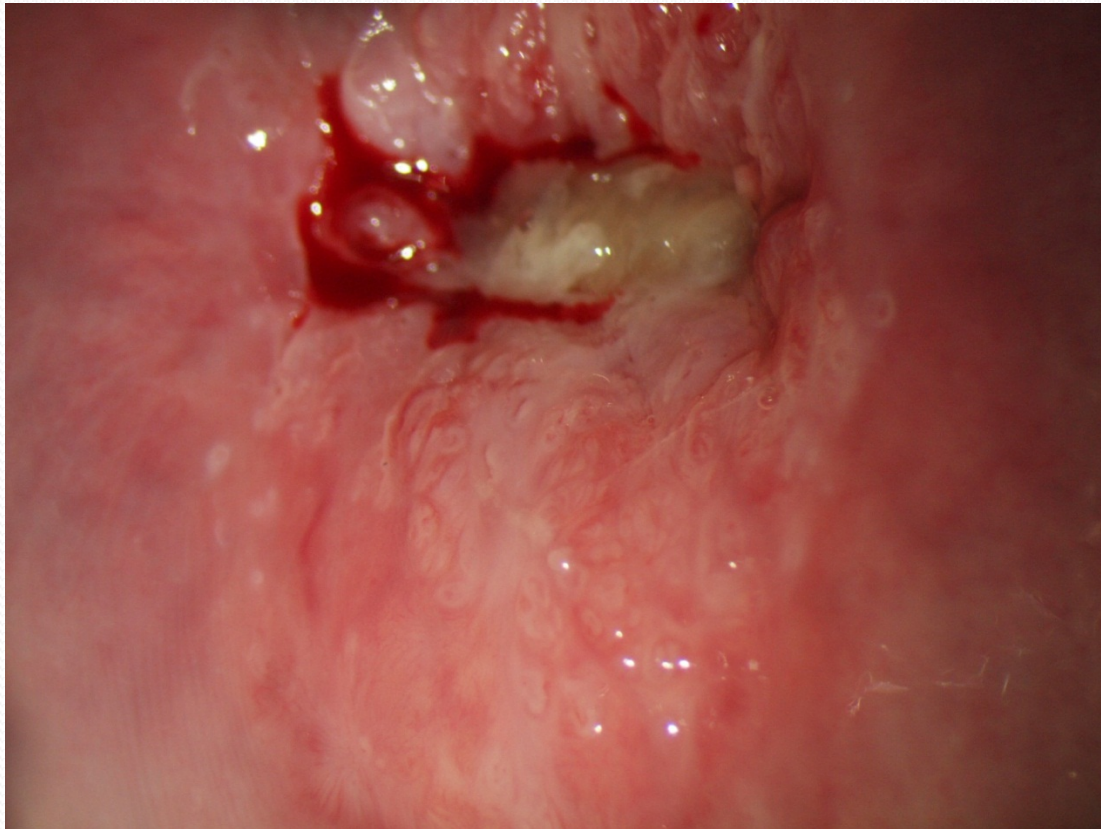
Before acetic acid



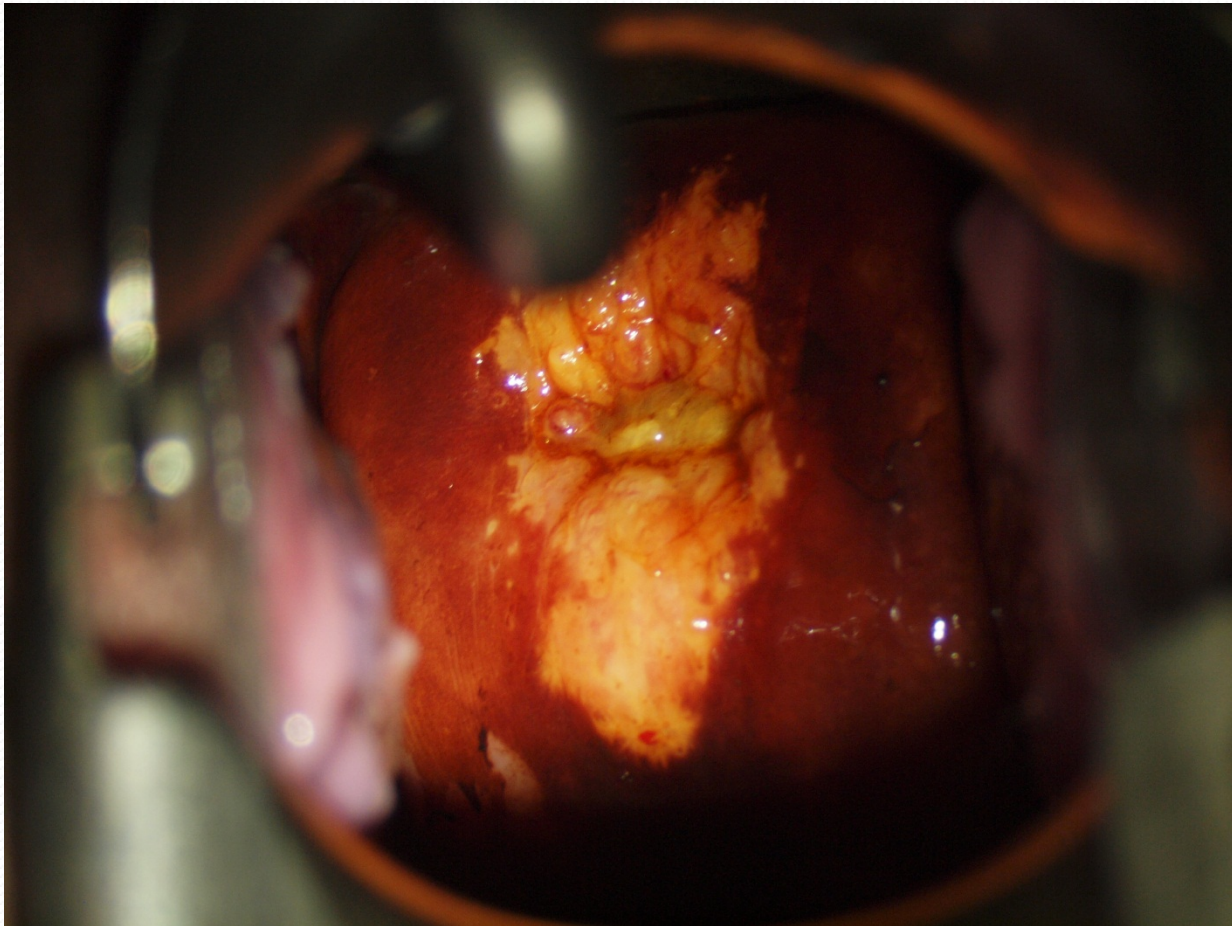
Acetic acid



Acetic acid



Lugol's iodine

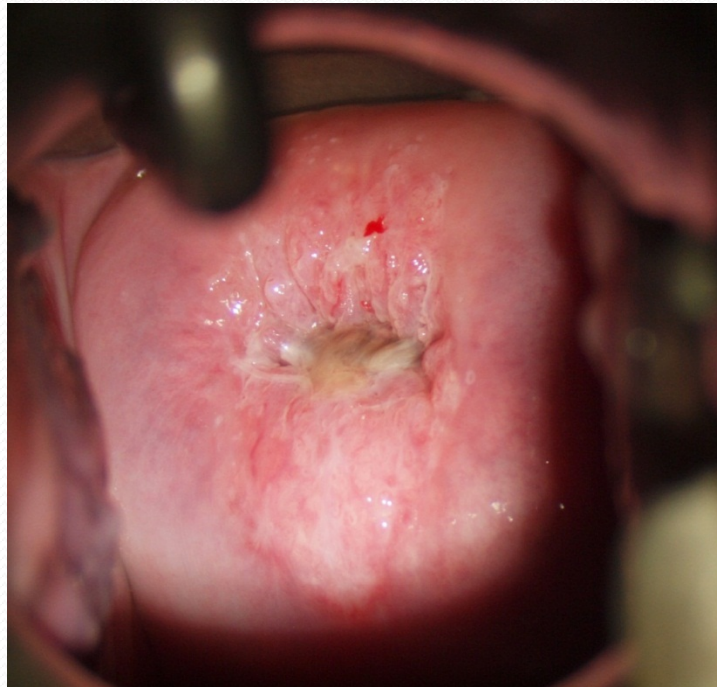


Colposcopic diagnosis

CIN III

Histology

CIN II to III

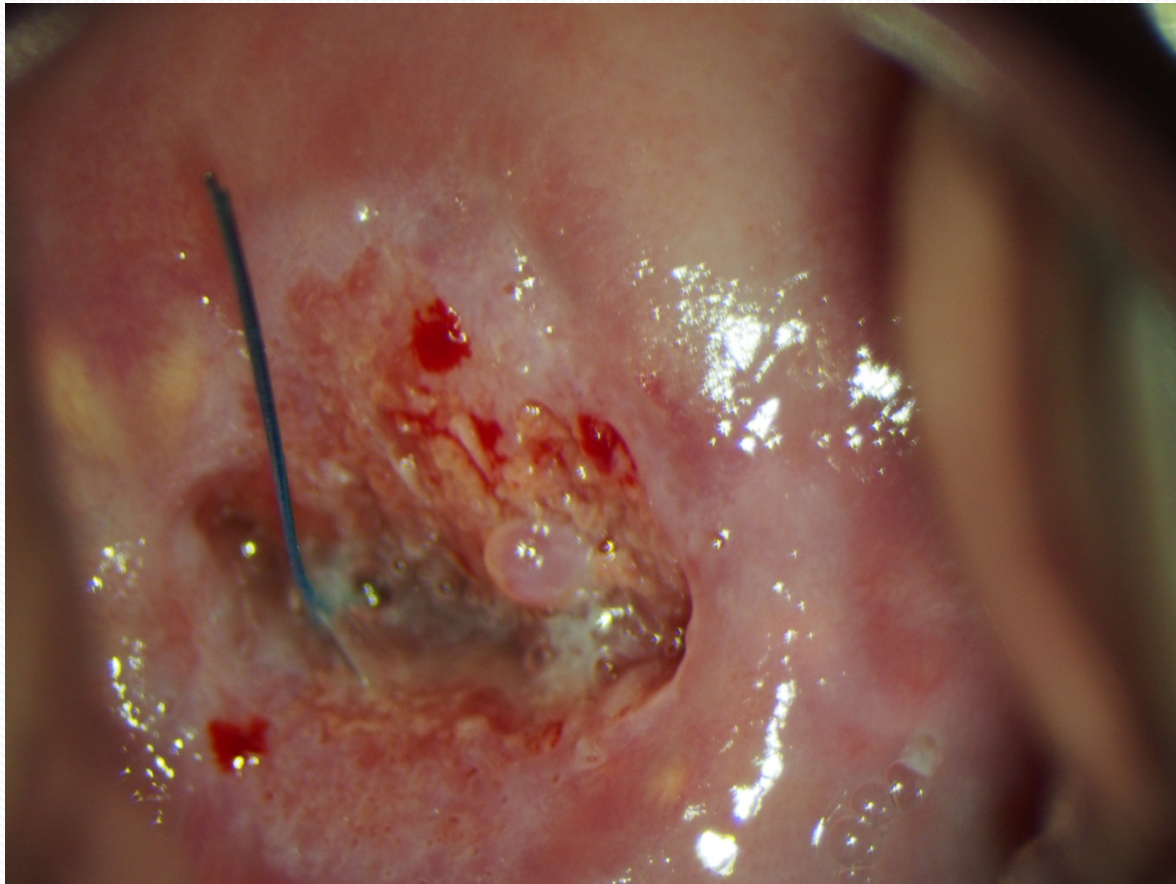


Case 4

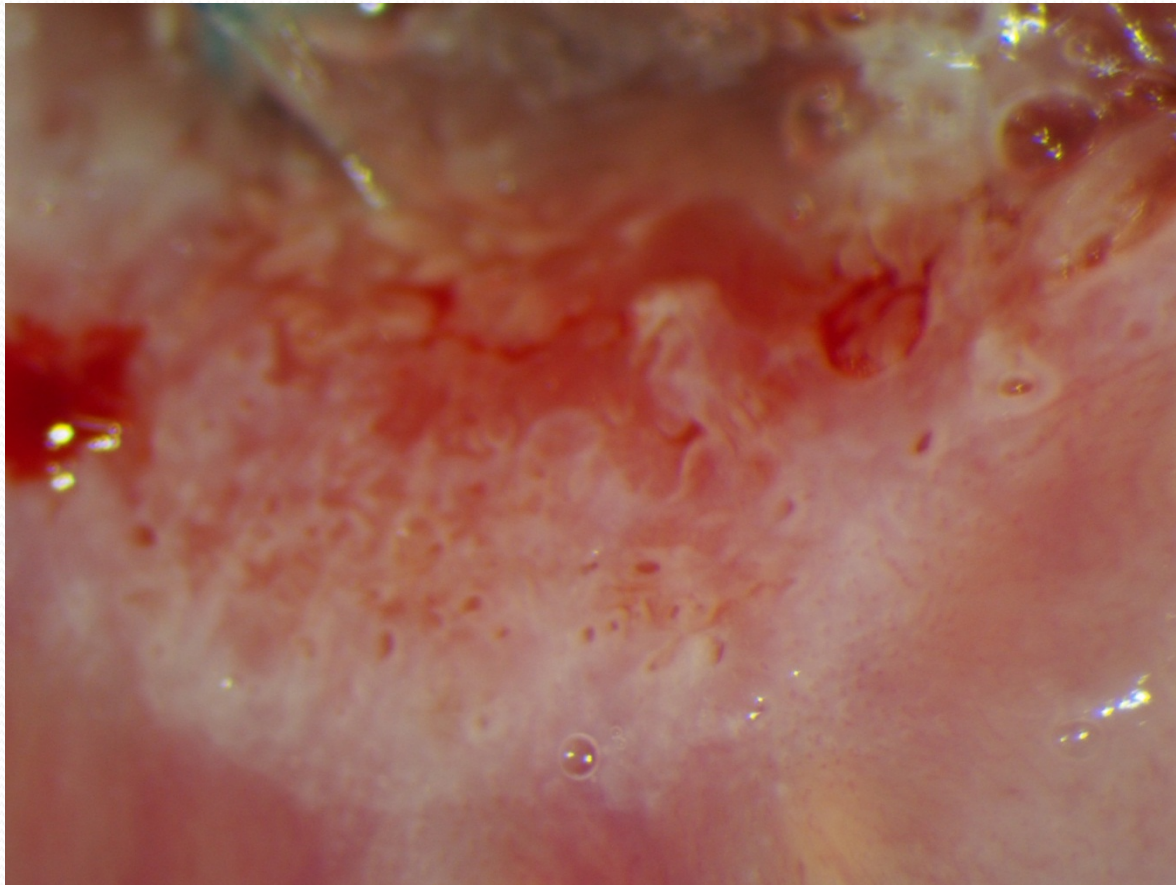
- F/42
- Para 3
- Good past health
- Non-smoker
- Pap smear 1/2014: LSIL

Colposcopy on 25/9/2015

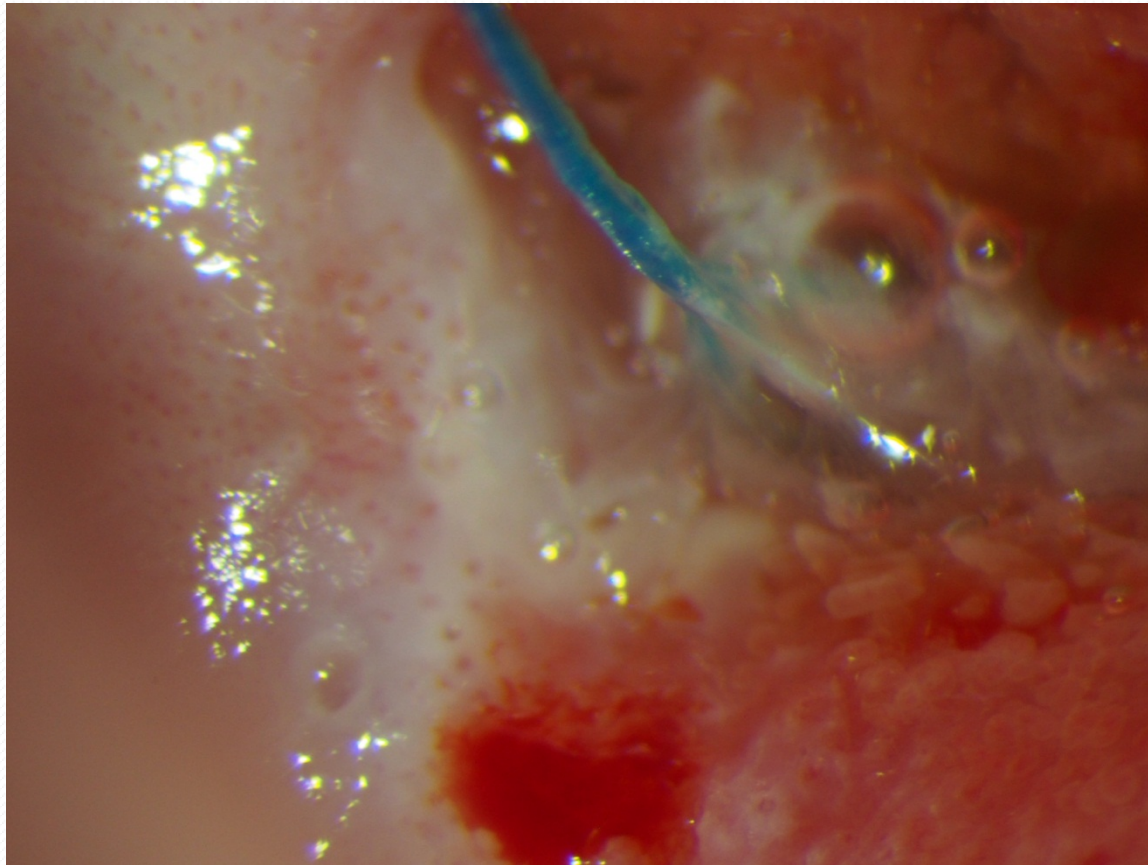
Acetic acid



Acetic acid



Acetic acid



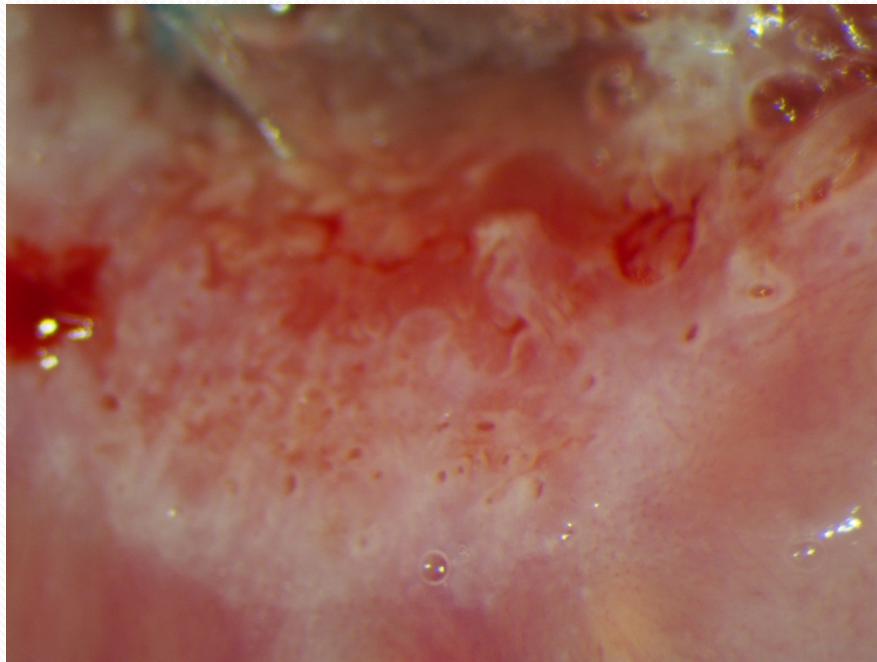


Colposcopic diagnosis

CIN I

Histology

CIN I

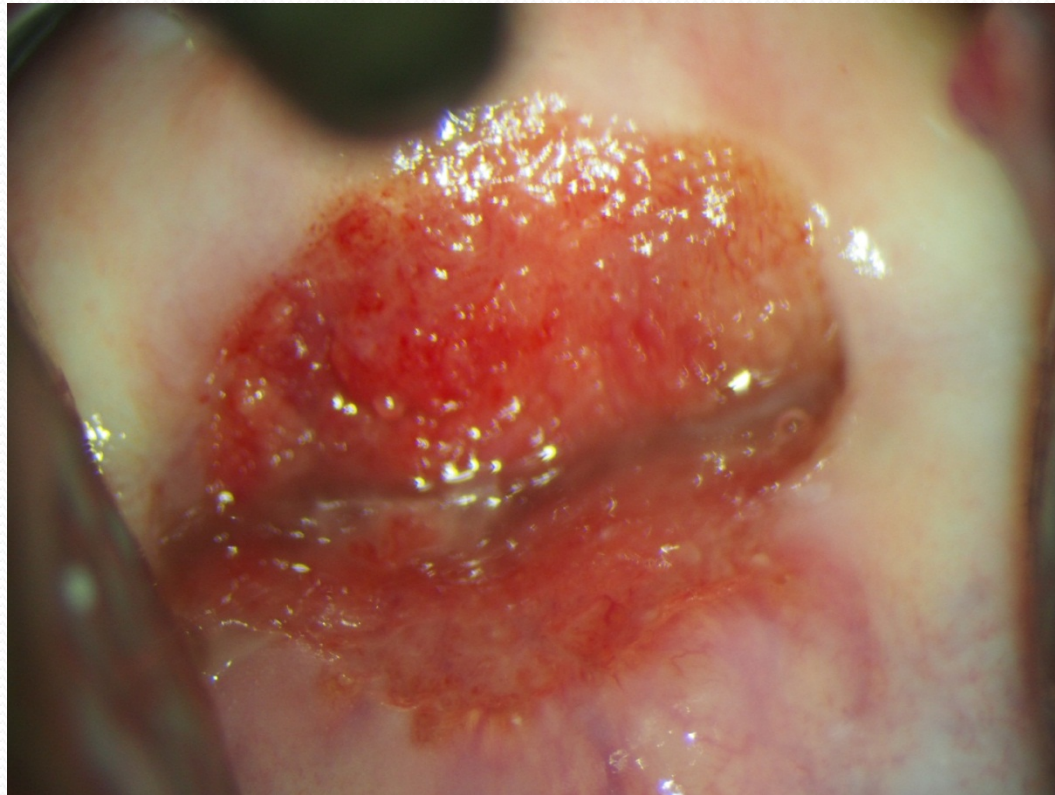


Case 5

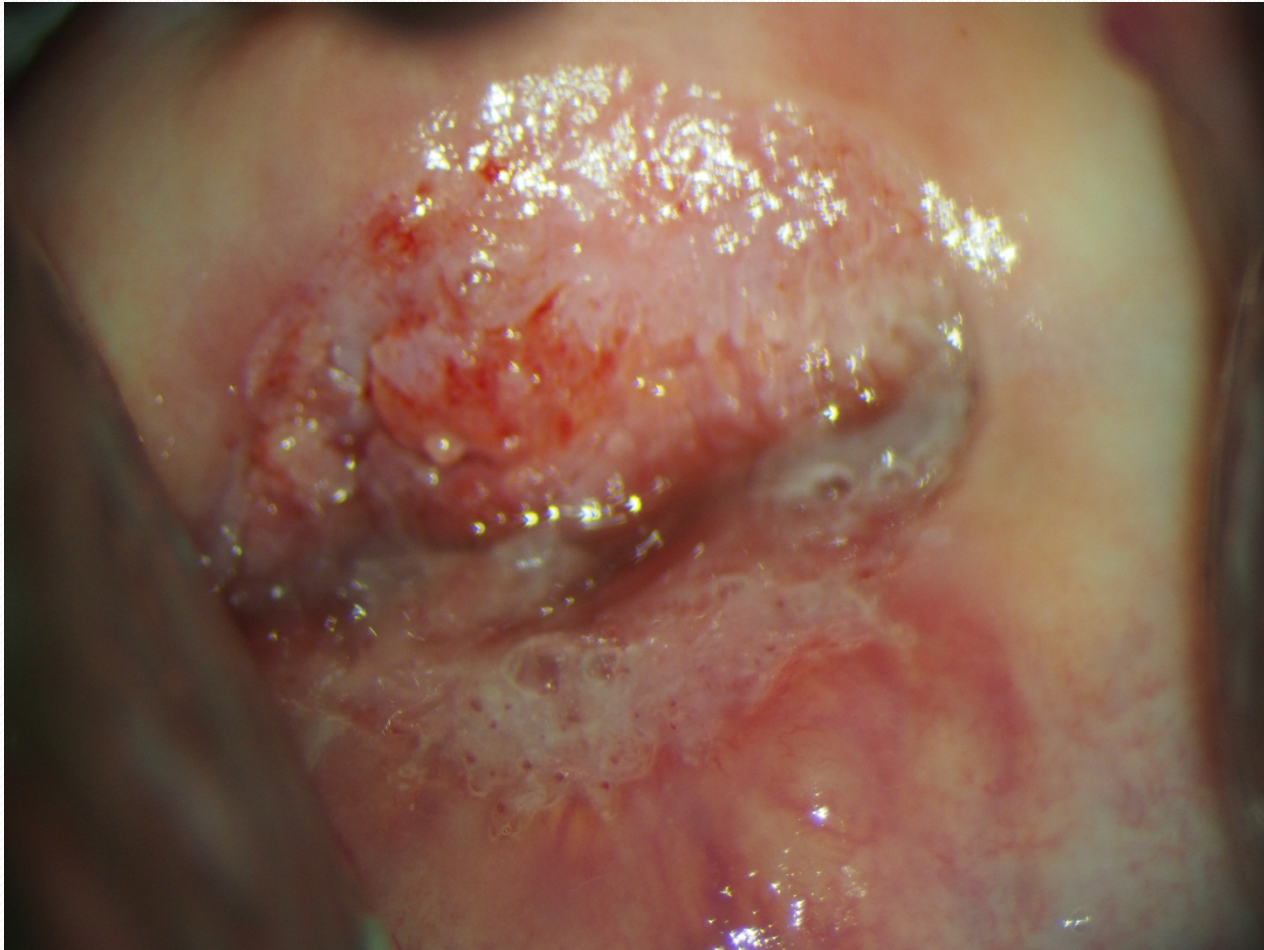
- F/43
- Para 2
- Past health: Depression
- Non-smoker
- Pap smear 12/2015: HSIL

Colposcopy 1/2016

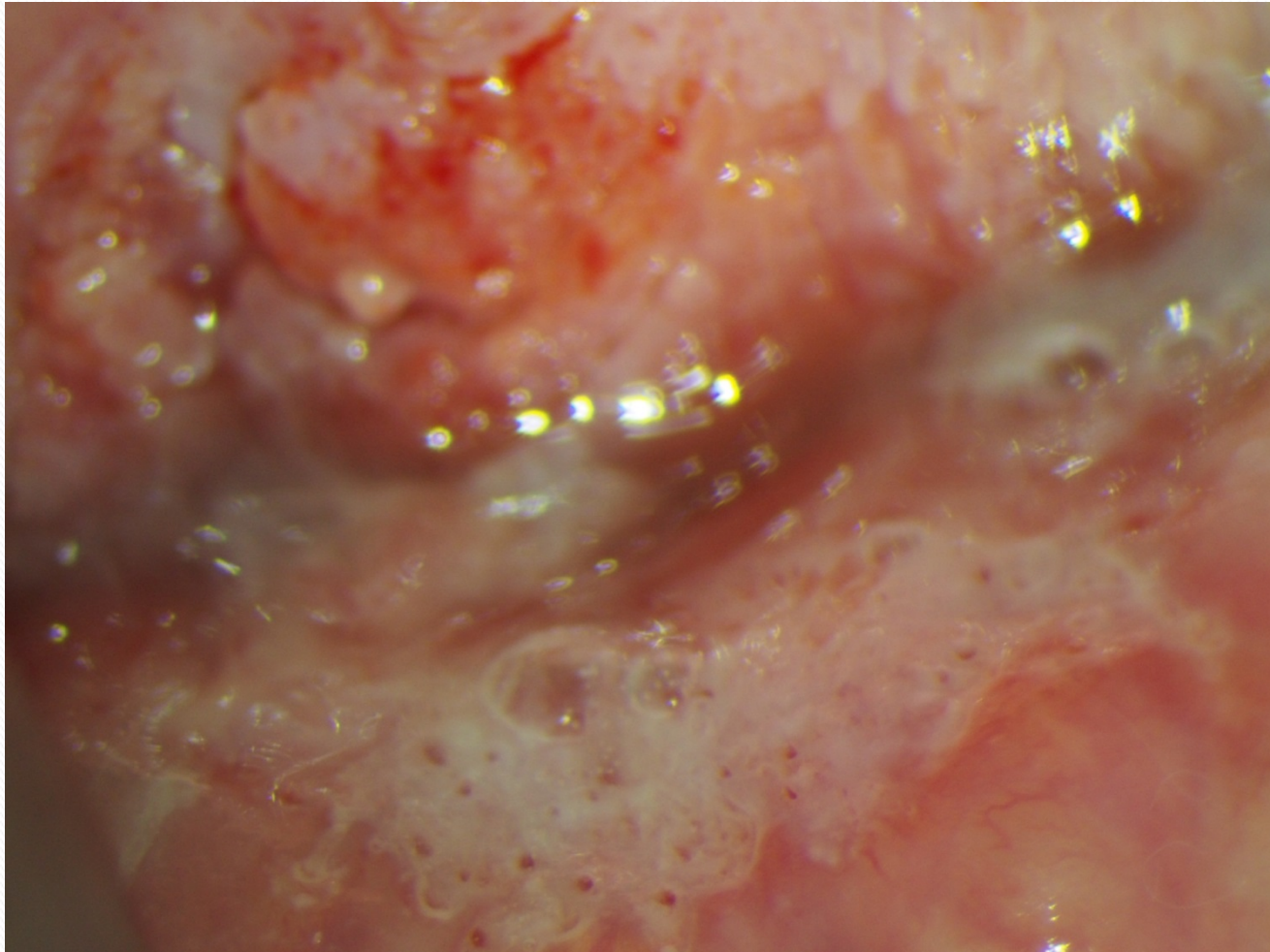
Before application of acetic acid



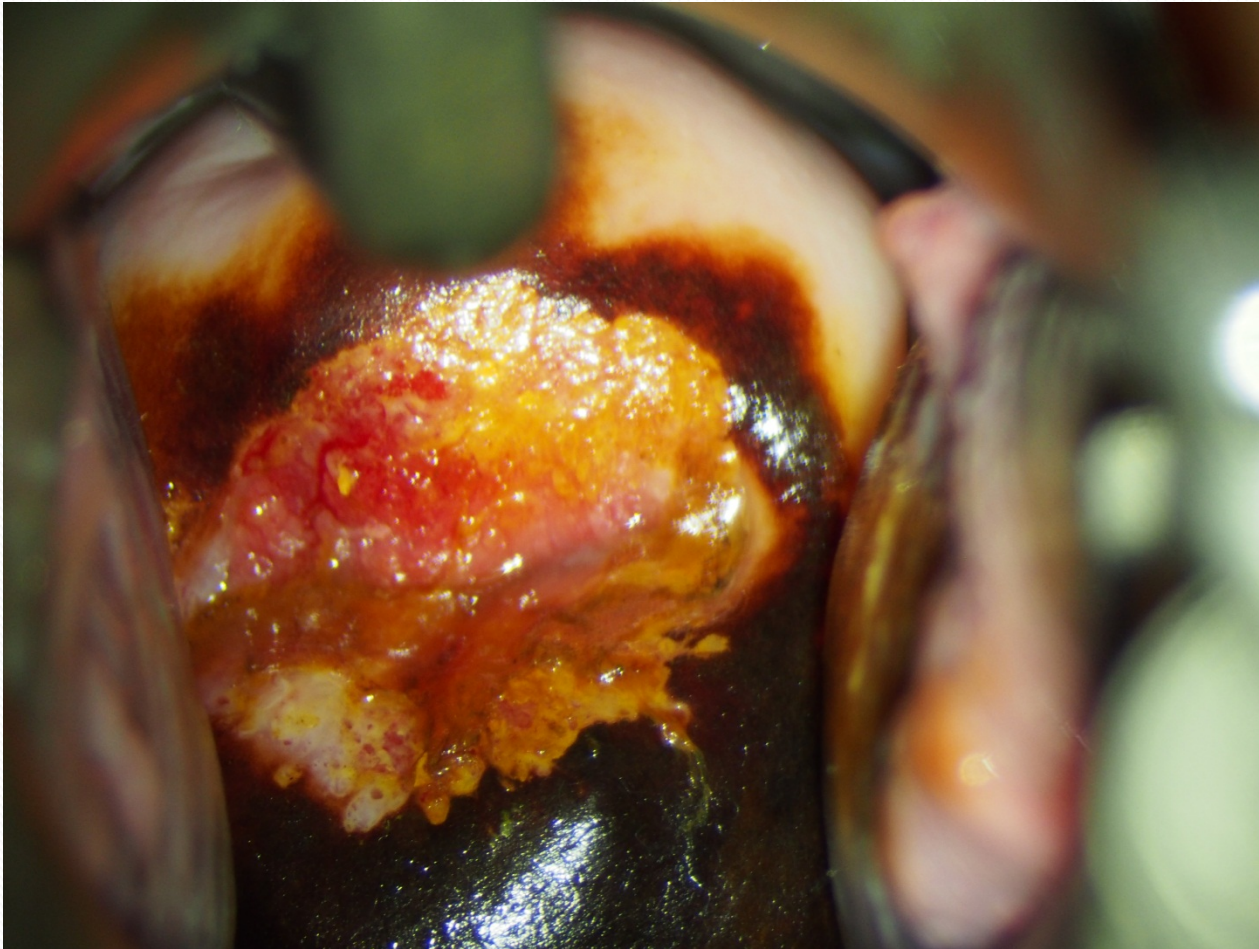
Acetic acid



Acetic acid



Lugol's iodine



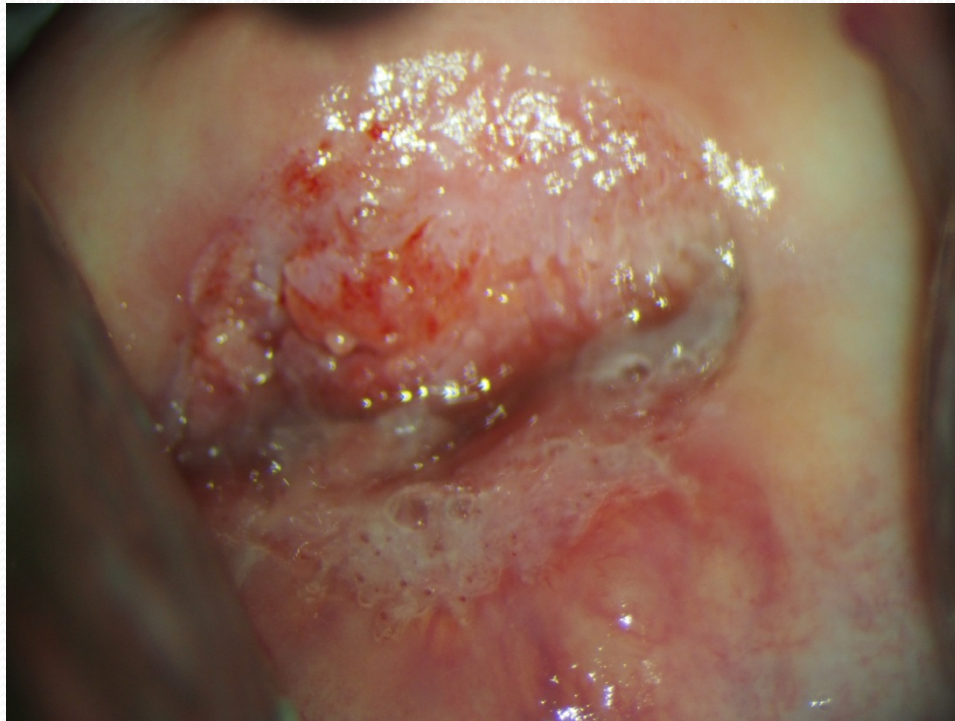


Colposcopic diagnosis

CIN III

Histology

CIN III

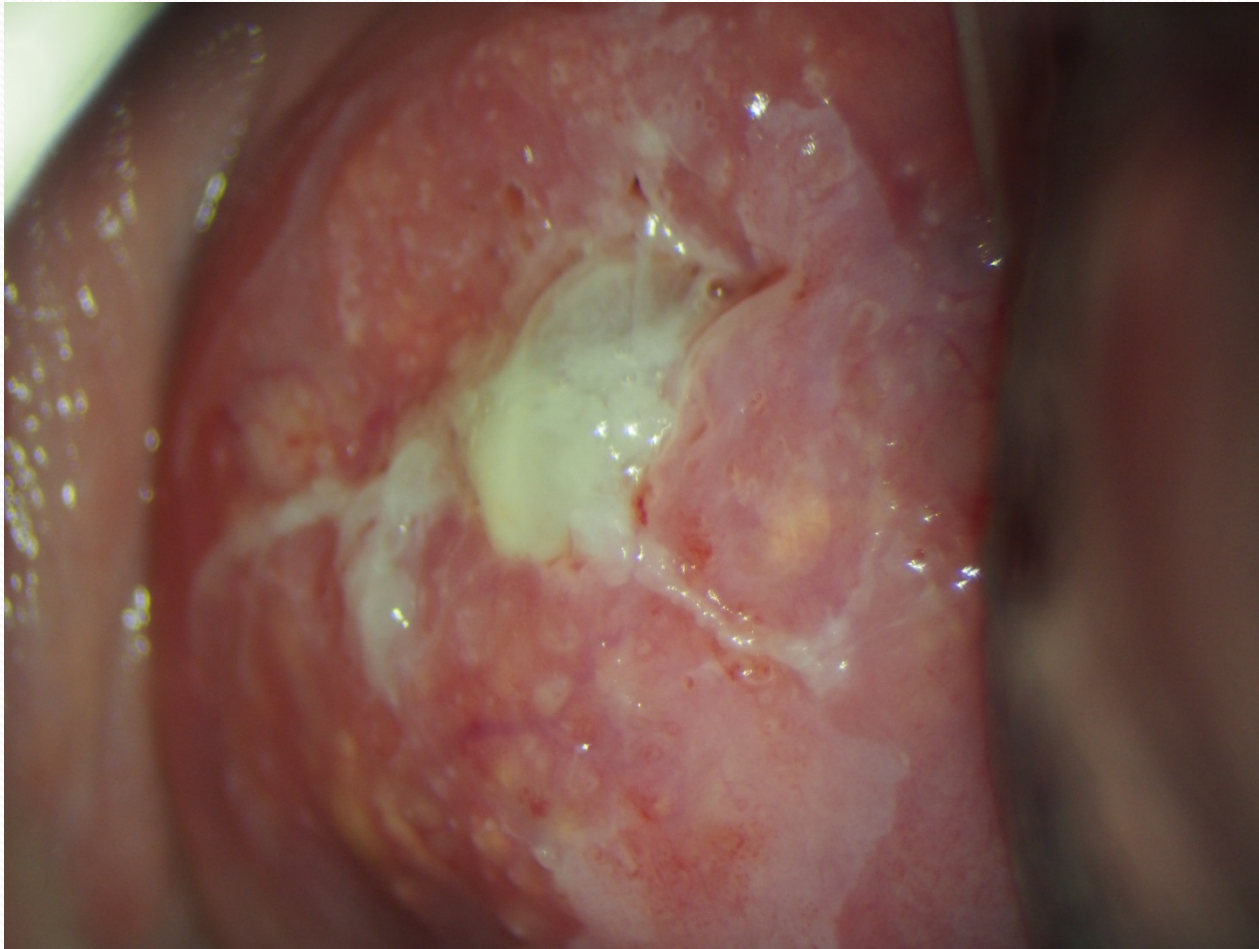


Case 6

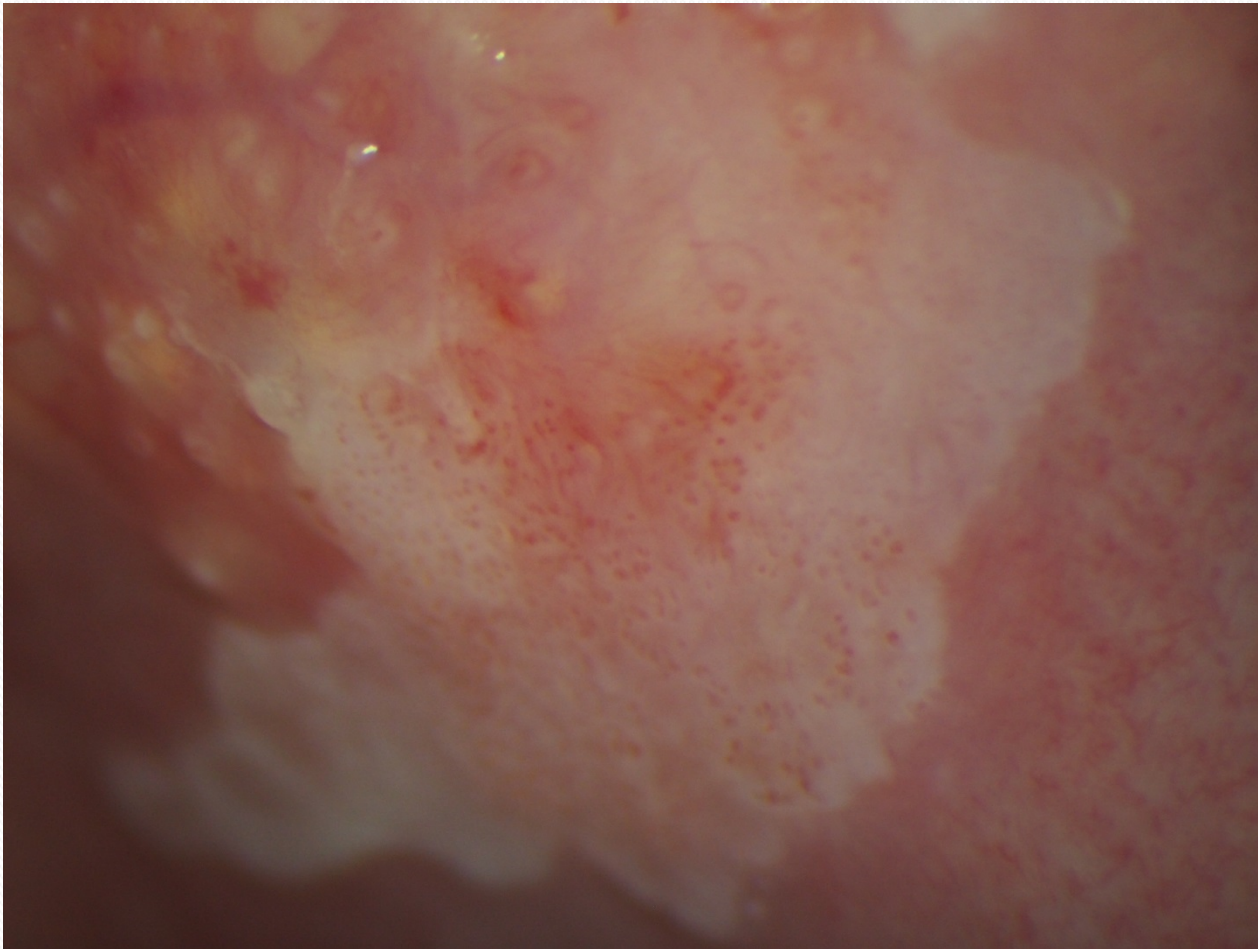
- F/43
- Para 2
- Past health: Mitral valve prolapse
- Non-smoker
- Pap smear 11/2014: LSIL

Colposcopy 9/2015

After acetic acid



After acetic acid

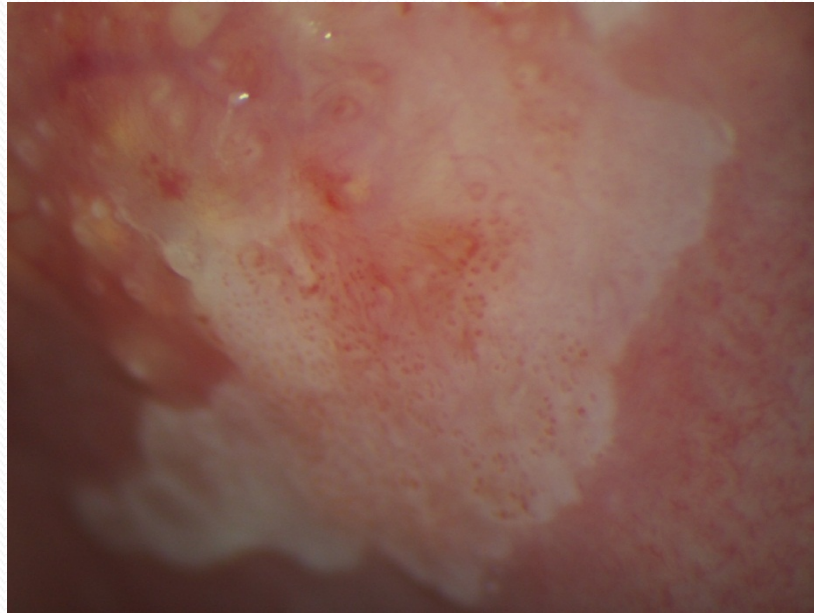


Colposcopic diagnosis

CIN I

Histology

HPV

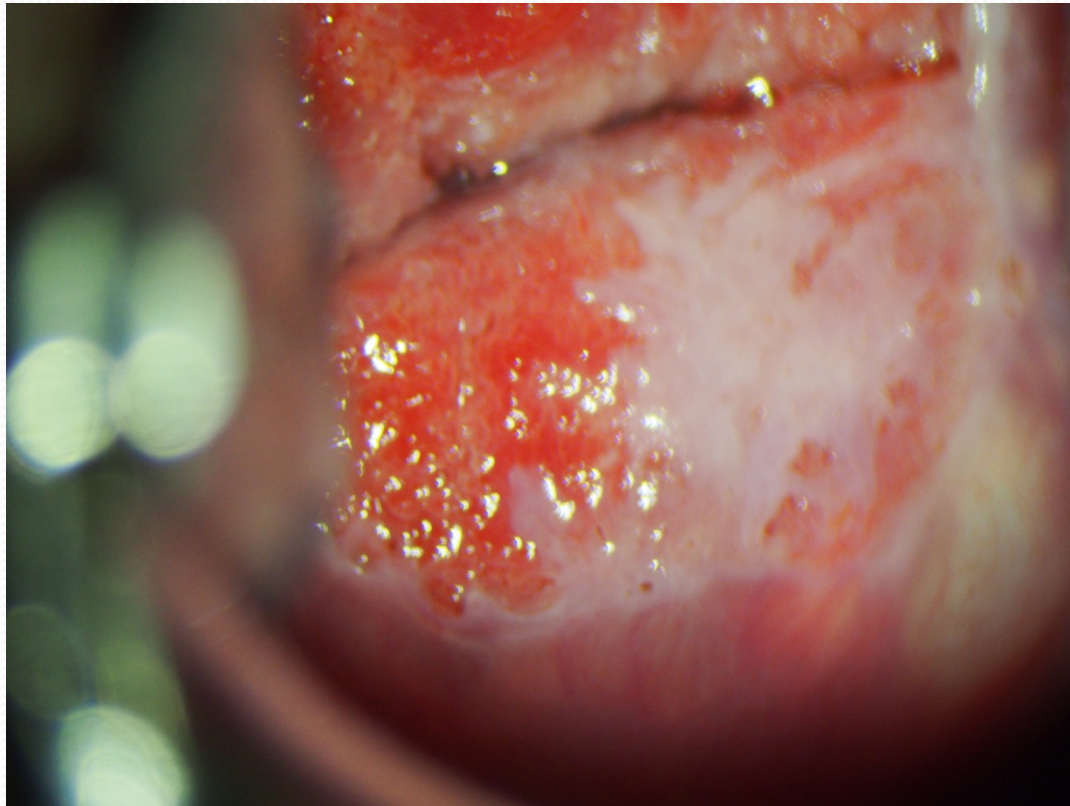


Case 7

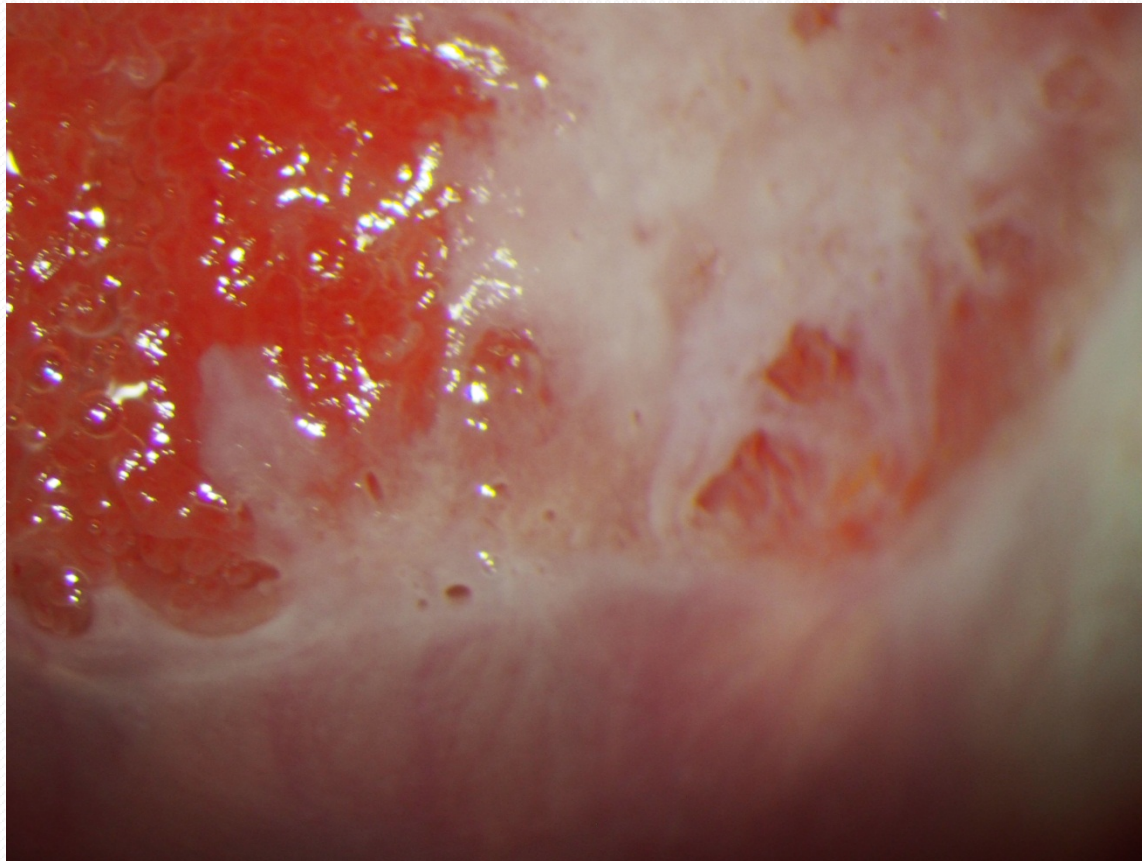
- F/35
- Para 2
- Good past health
- Non-smoker
- Pap smear 9/2014: LSIL

Colposcopy on 4/9/15

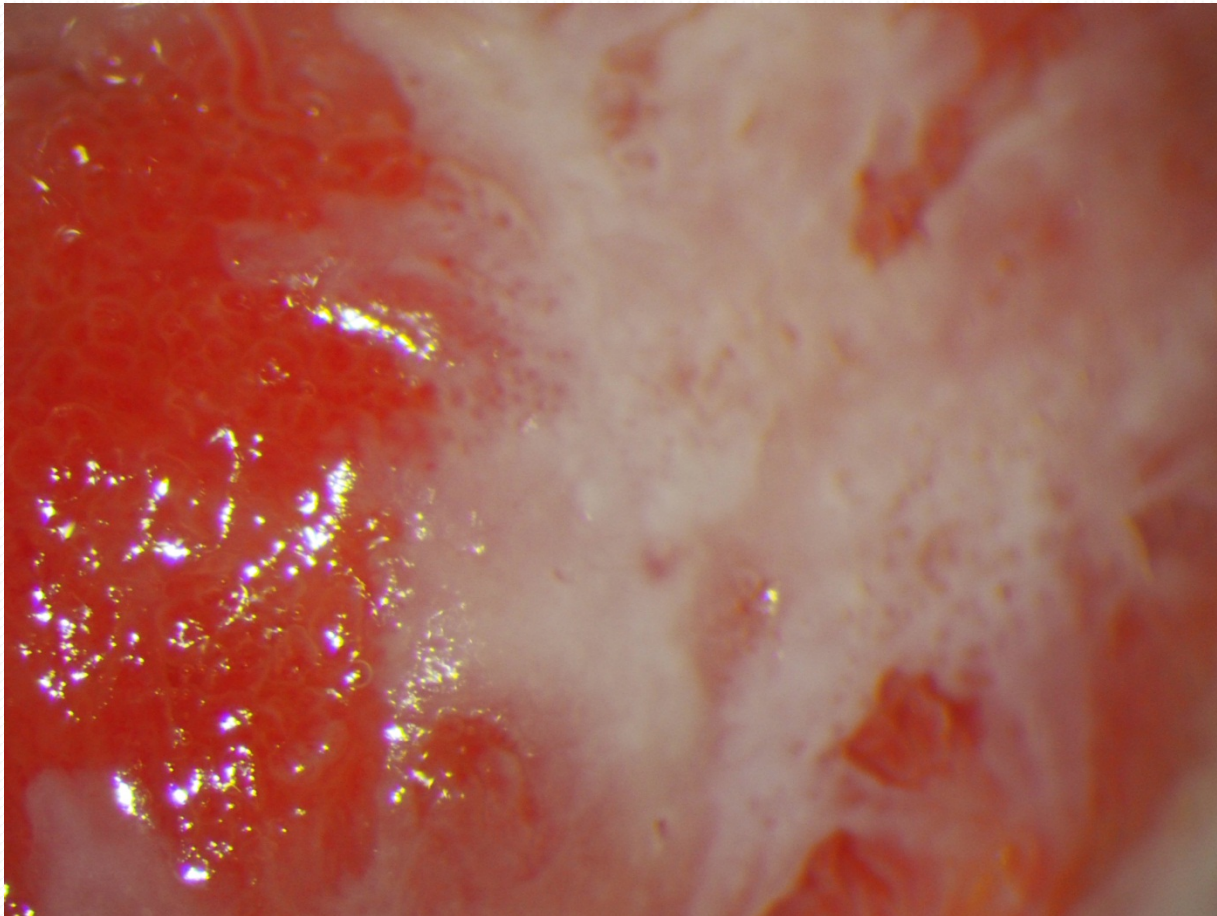
Acetic acid



Acetic acid



Acetic acid



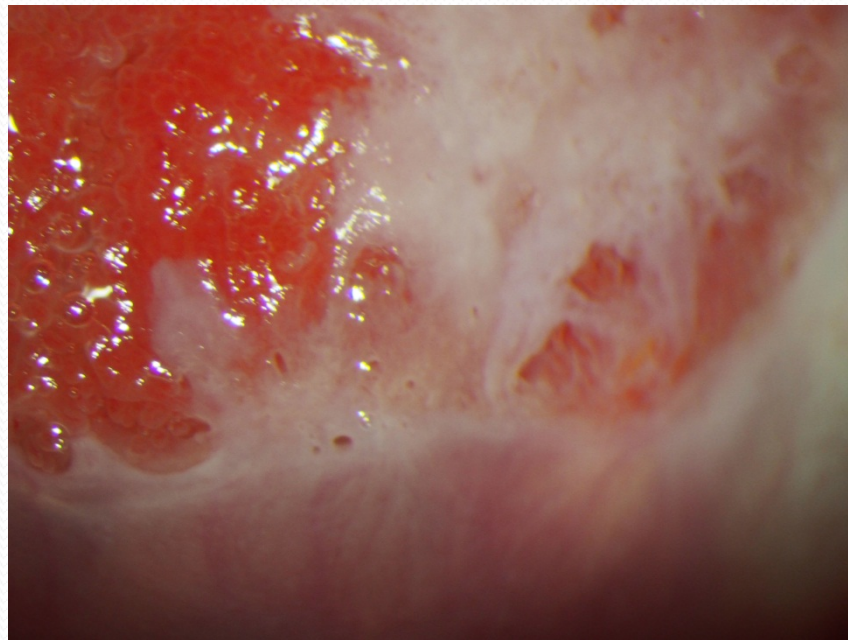


Colposcopic diagnosis

CIN I

Histology

CIN II

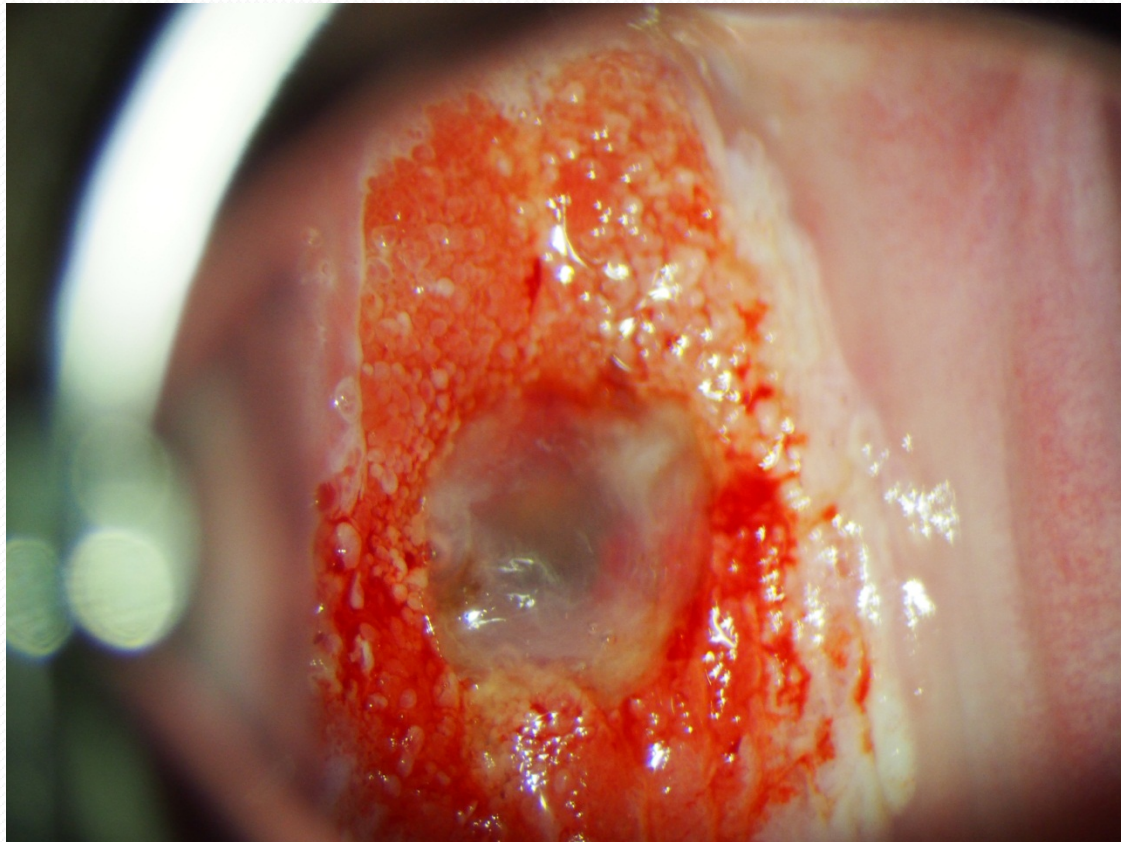


Case 8

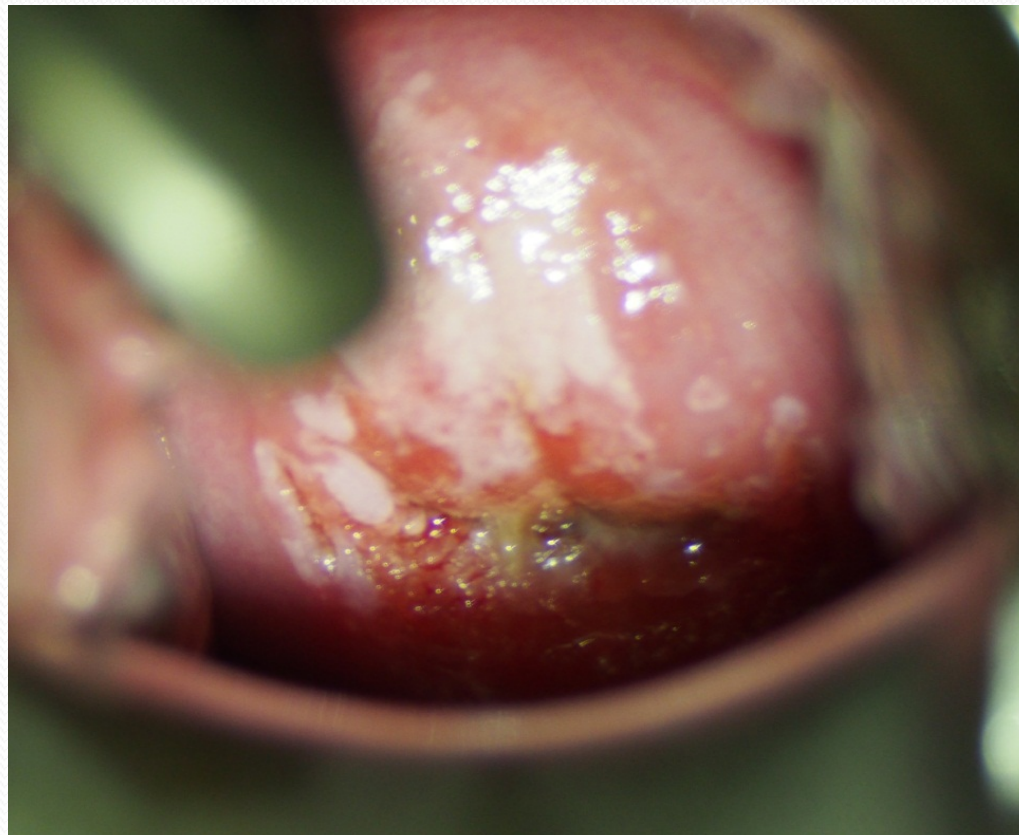
- F/23
- Para 0
- Past health: pelvic inflammatory disease after surgical termination of pregnancy
- Smoker
- History of CIN III 6/2015

Colposcopy on 9/2015

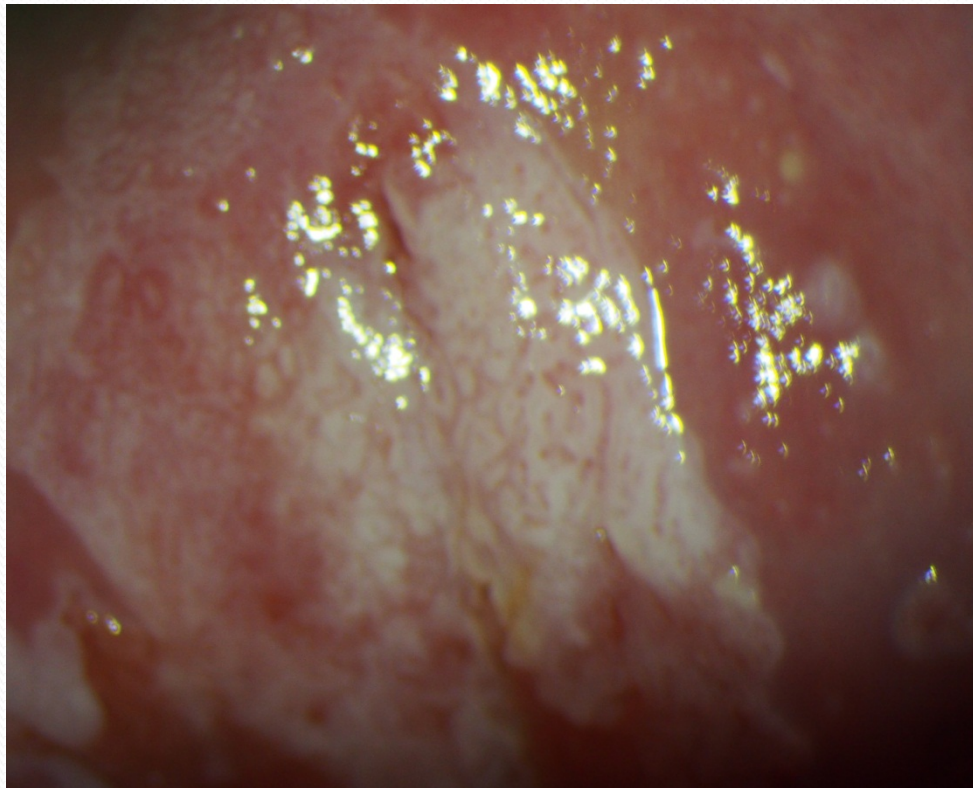
Acetic acid



Acetic acid



Acetic acid

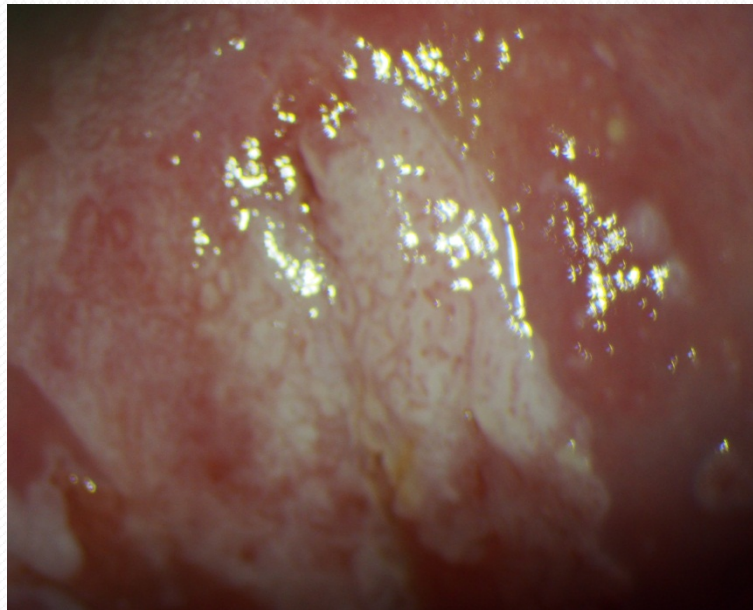


Colposcopic diagnosis

CIN III

Histology

CIN III



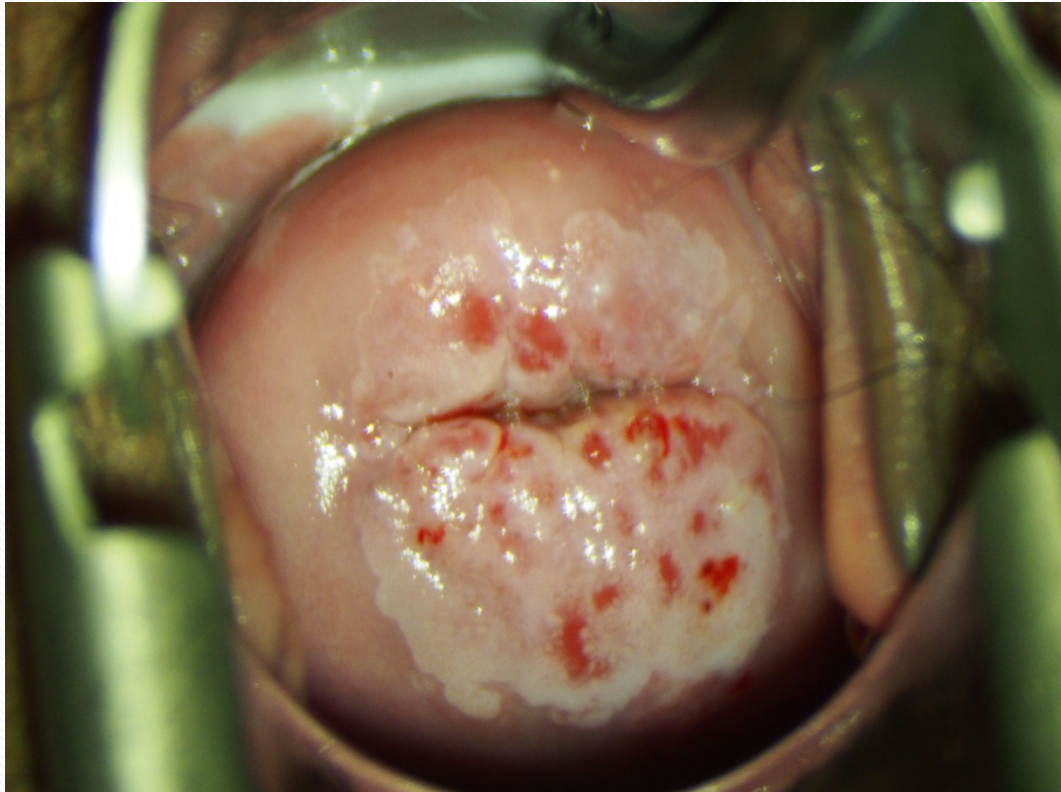
Case 9

- F/25
- Para 1
- Good past health
- Non-smoker

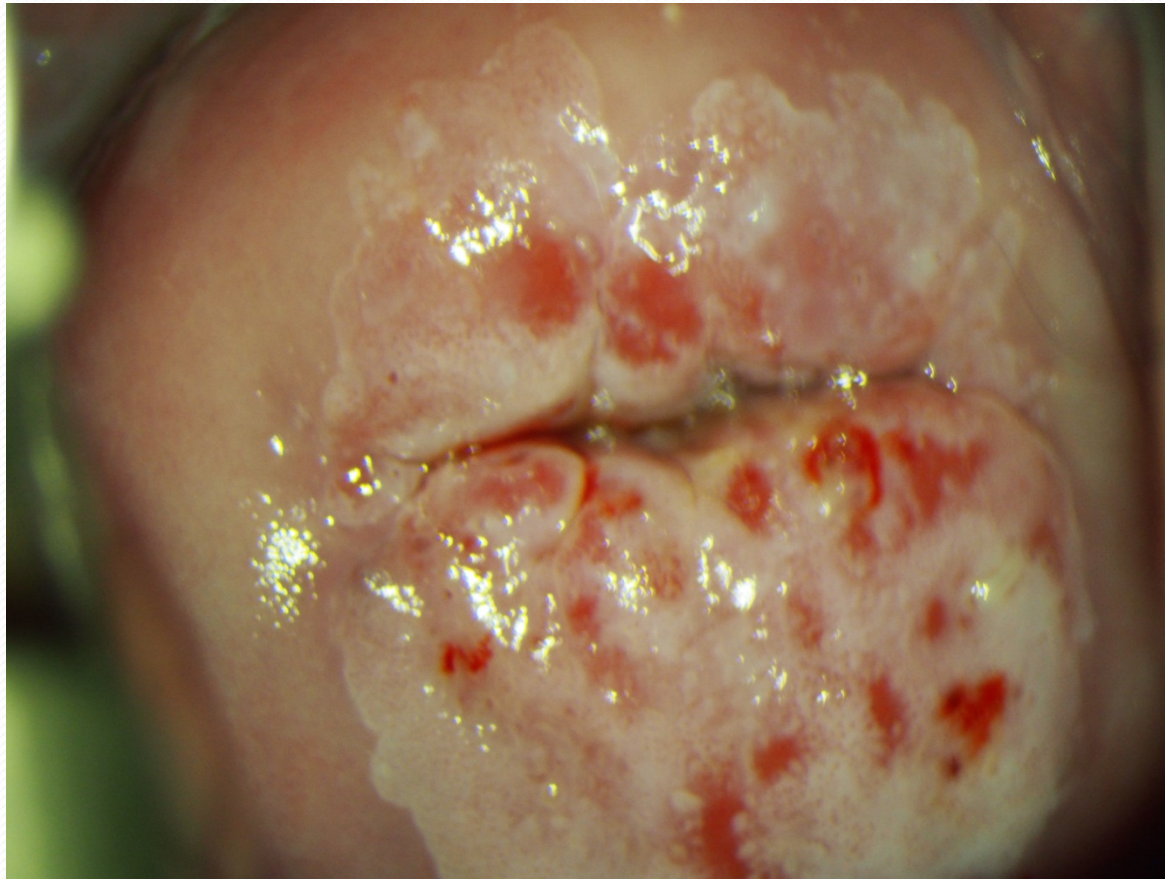
- Pap smear 2/2015: HSIL

Colposcopy on 15/5/2015

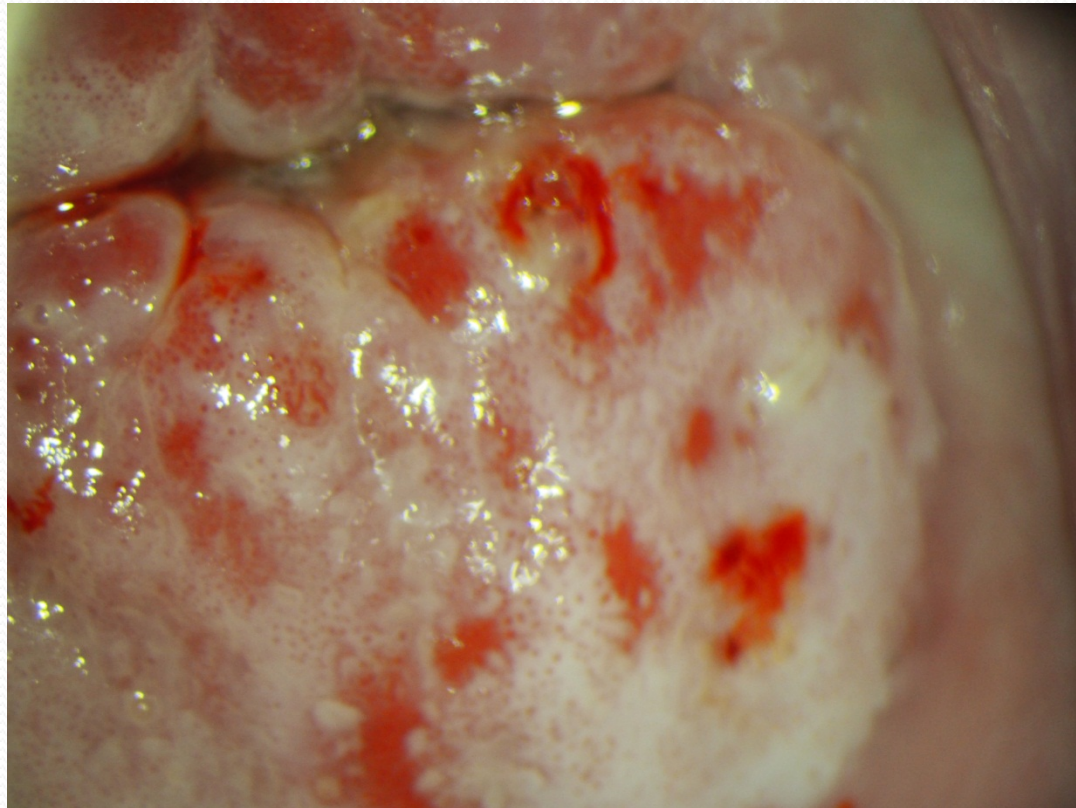
Acetic acid



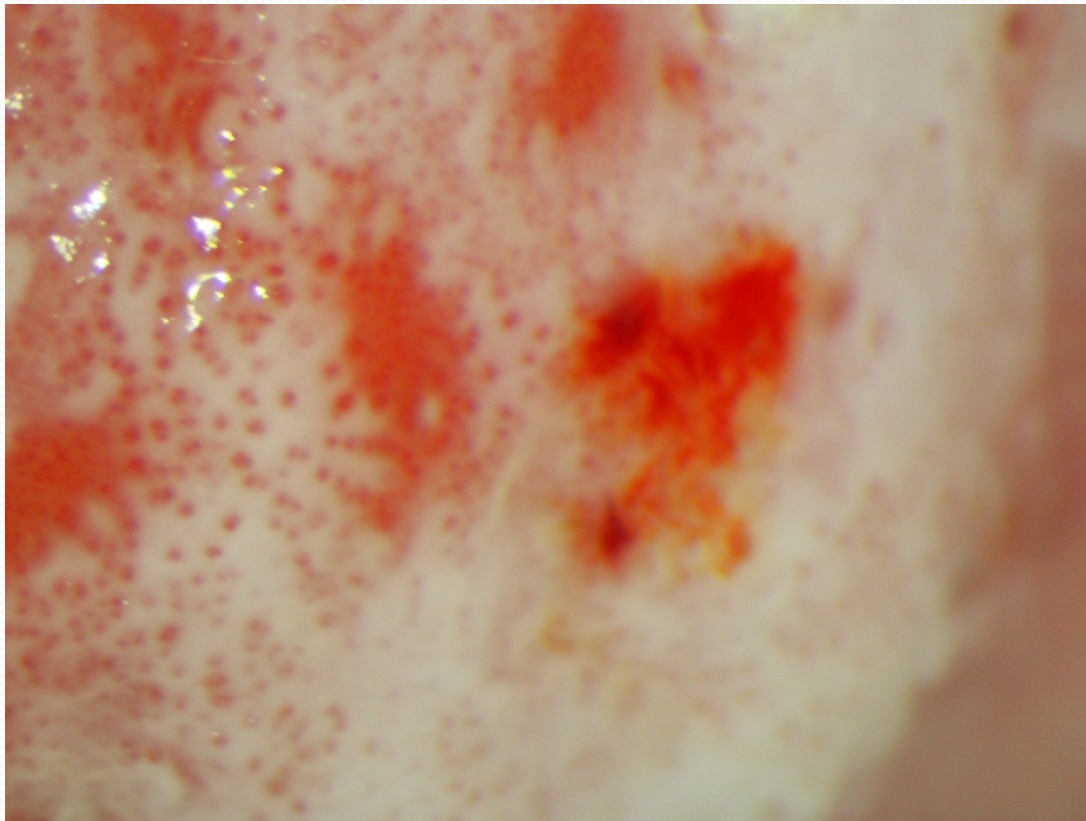
Acetic acid



Acetic acid



Acetic acid



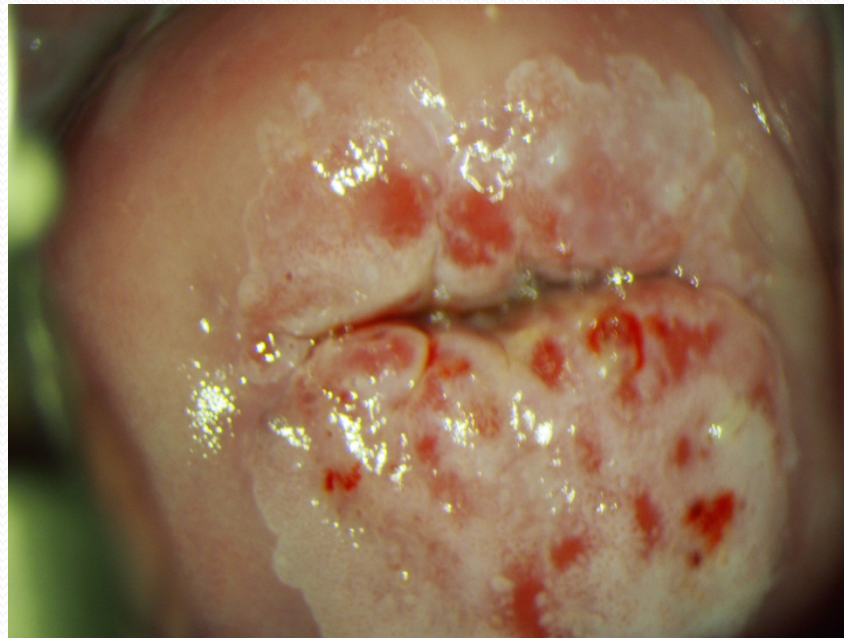


Colposcopic diagnosis

CIN III

Histology

CIN III

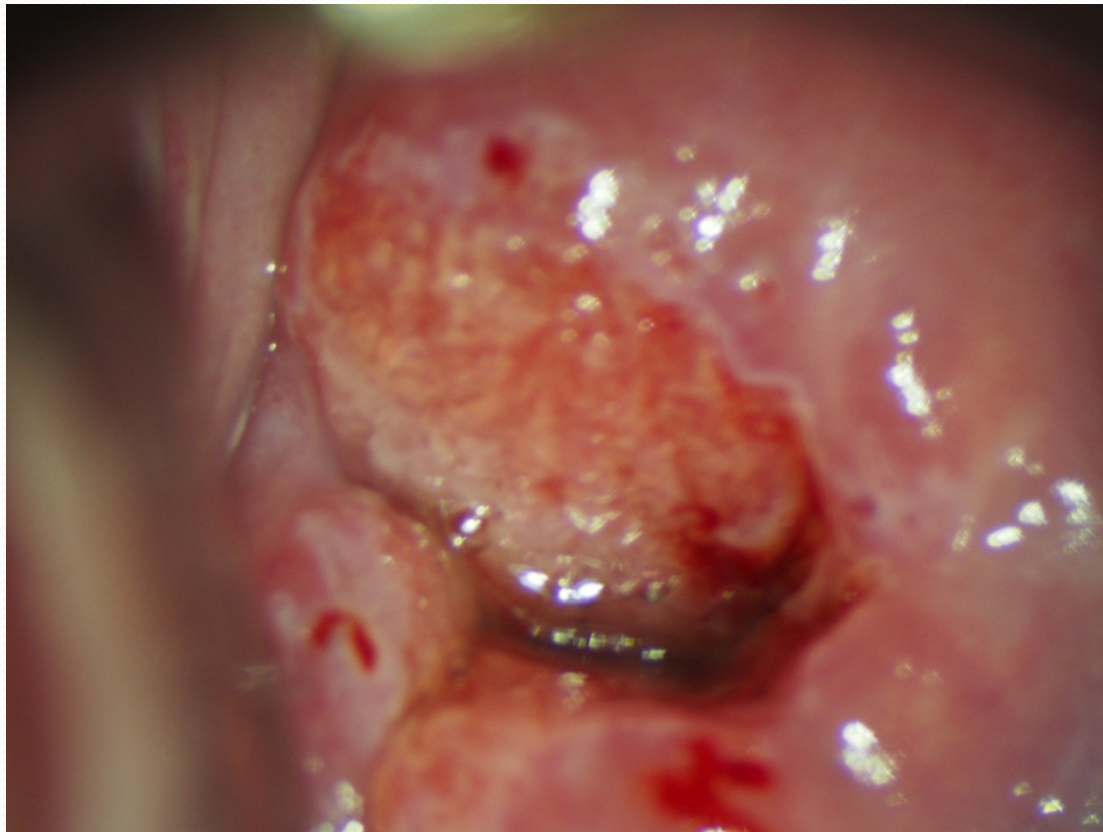


Case 10

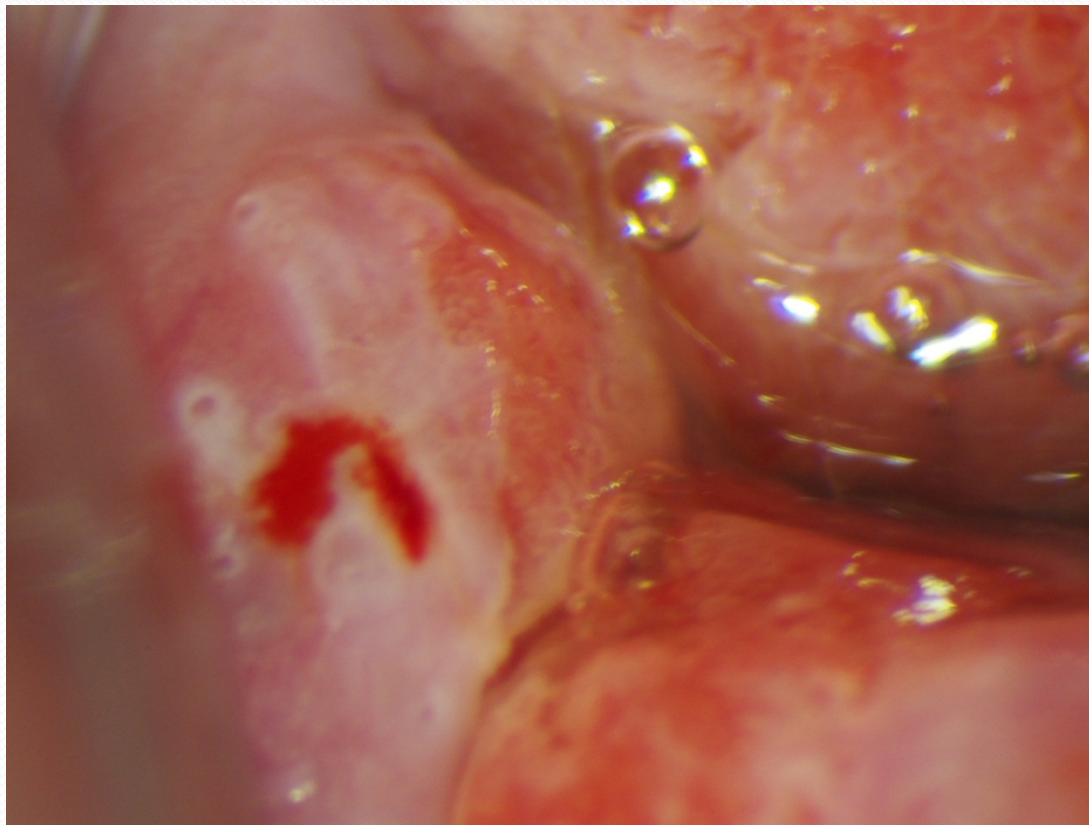
- F/25
 - Para 1
 - Good past health
 - Non-smoker
-
- Pap smear 4/2014: ASCUS & high risk HPV +ve

Colposcopy 10/2015

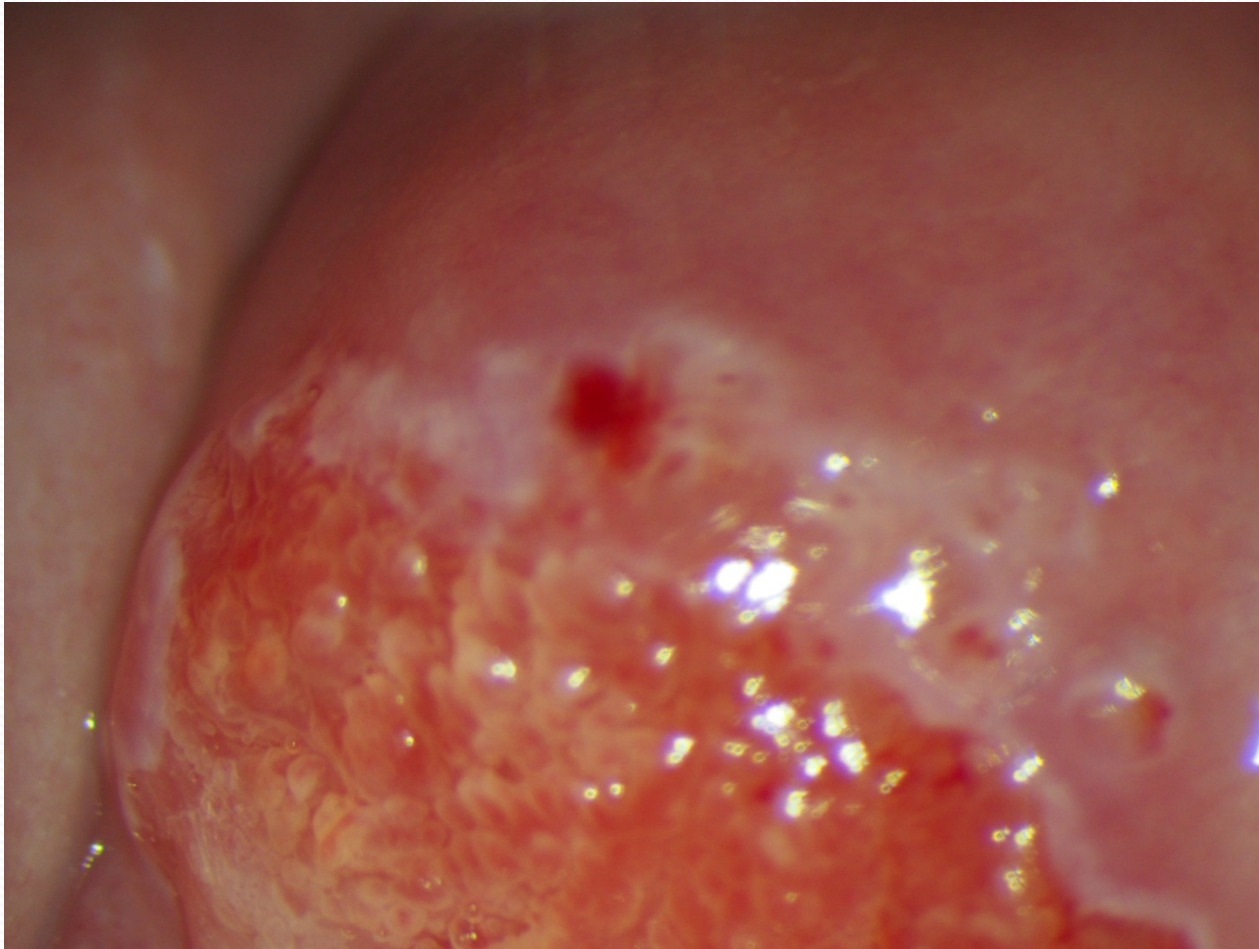
Acetic acid



Acetic acid



Acetic acid



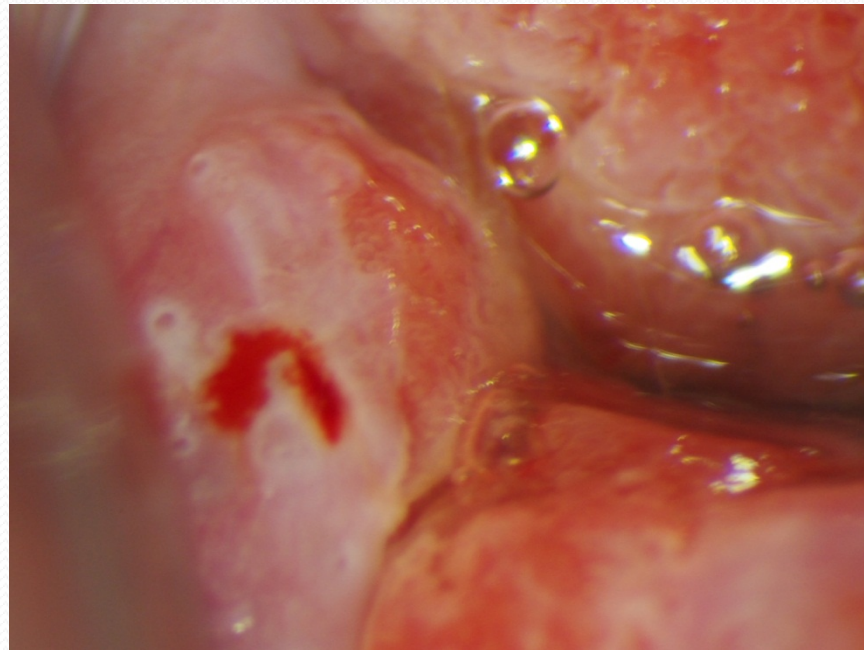


Colposcopic diagnosis

CIN I

Histology

CIN I

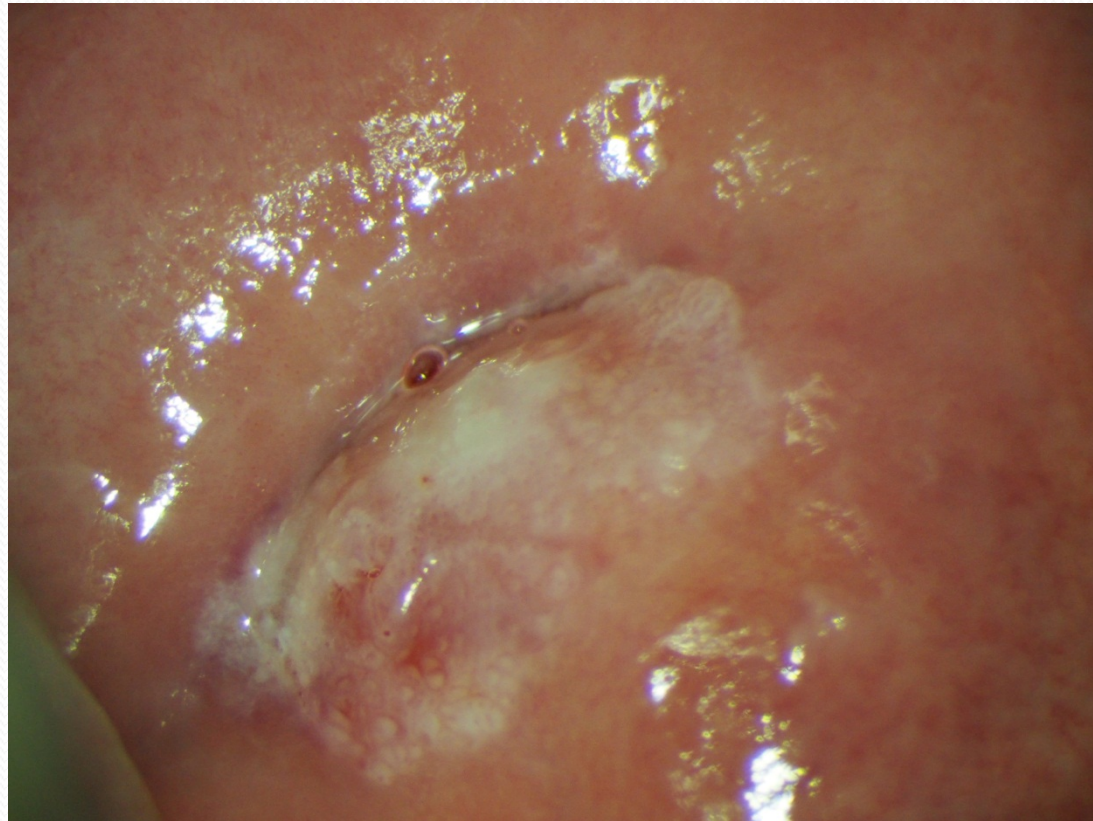


Case 11

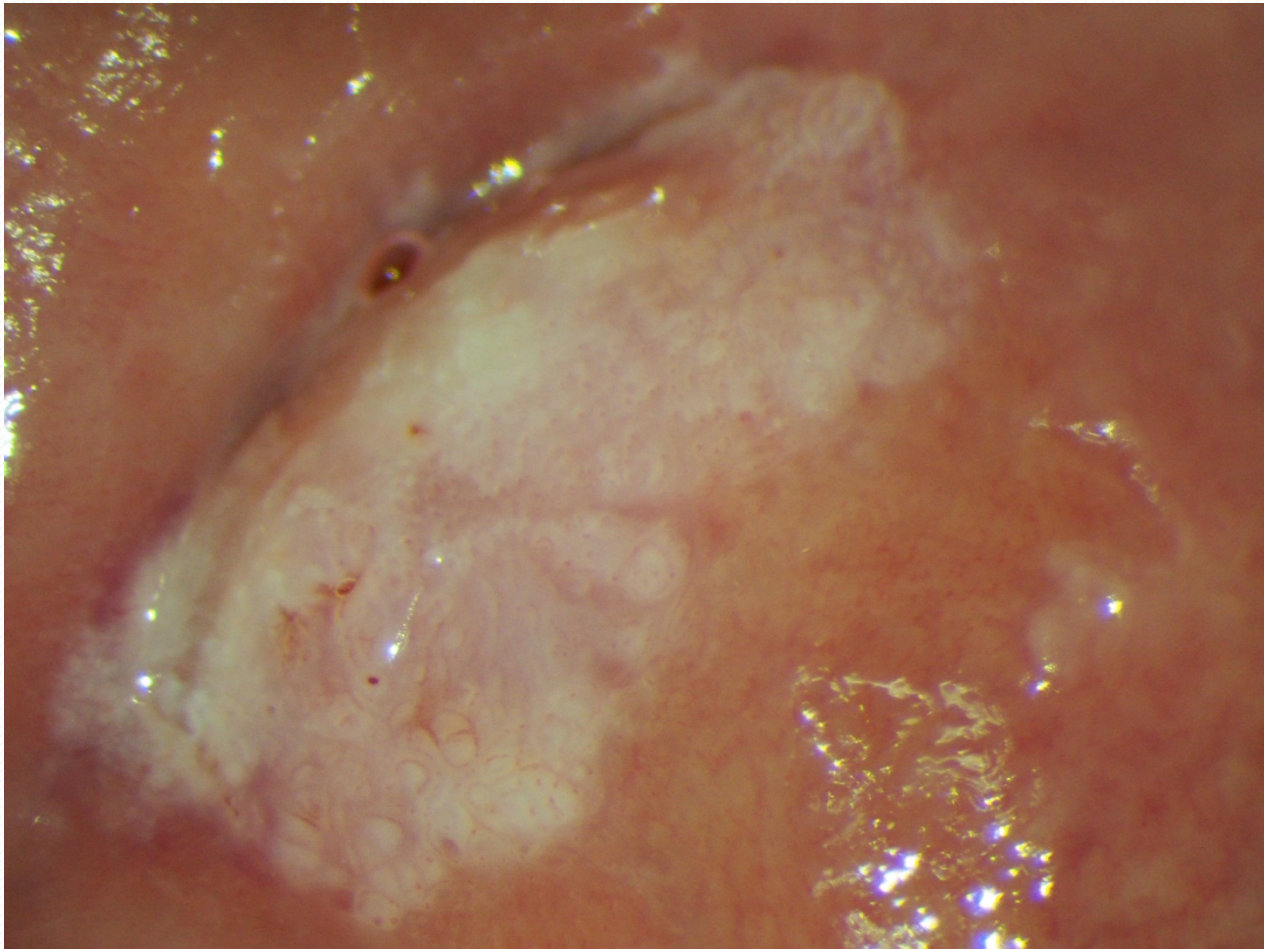
- F/29
- Para o
- Good past health
- Non-smoker
- Pap smear 12/2014: LSIL

Colposcopy 3/2015

Acetic acid



Acetic acid



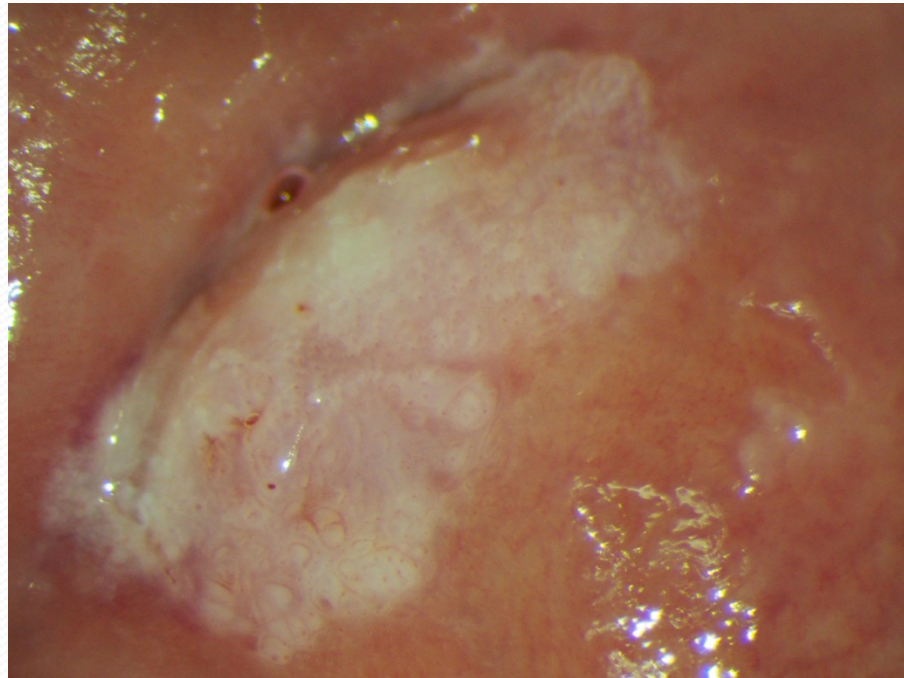


Colposcopic diagnosis

CIN III

Histology

CIN III



Case 12

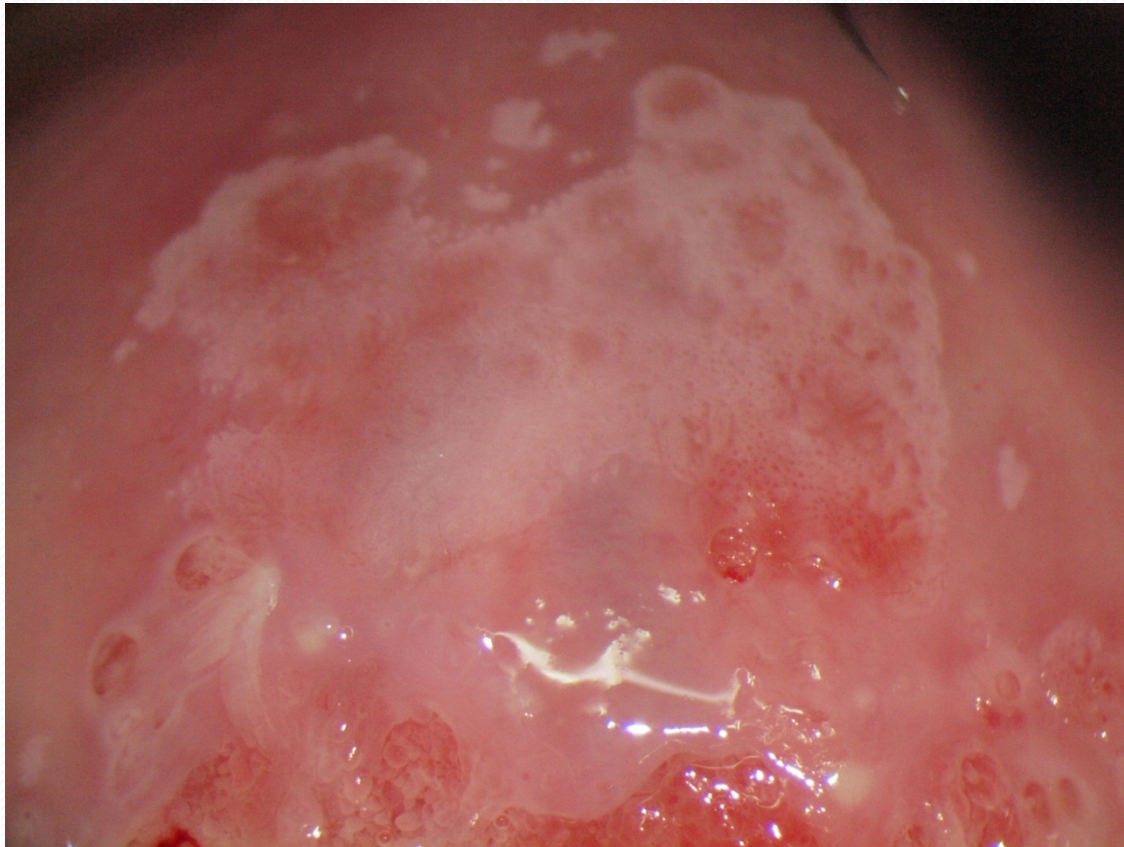
- F/43
- Para 2
- Past health: Depression
- Non-smoker
- Pap smear 12/2015: HSIL

Colposcopy on 1/2016

Acetic acid



Acetic acid



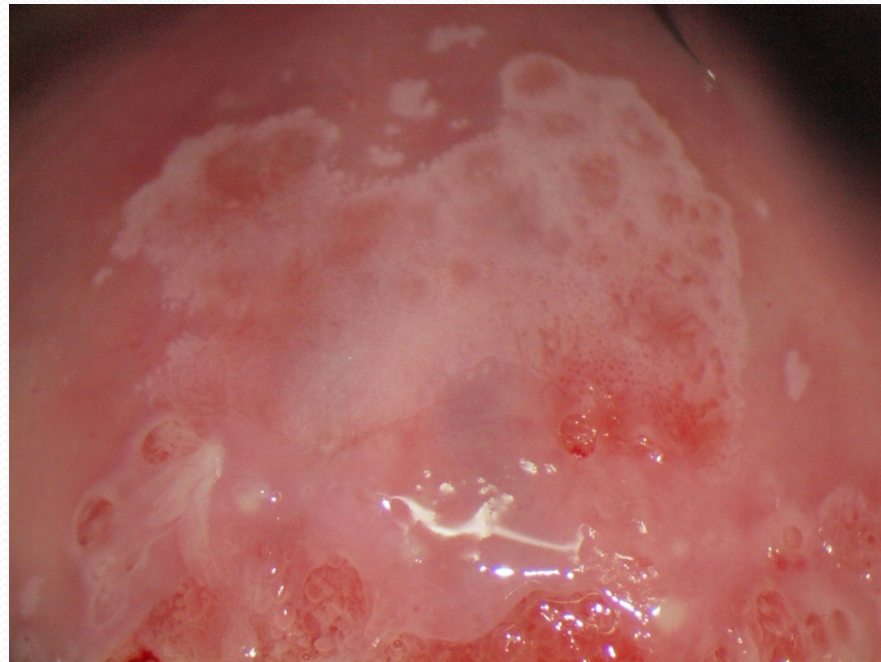


Colposcopic diagnosis

CIN III

Histology

CIN III



Case 13

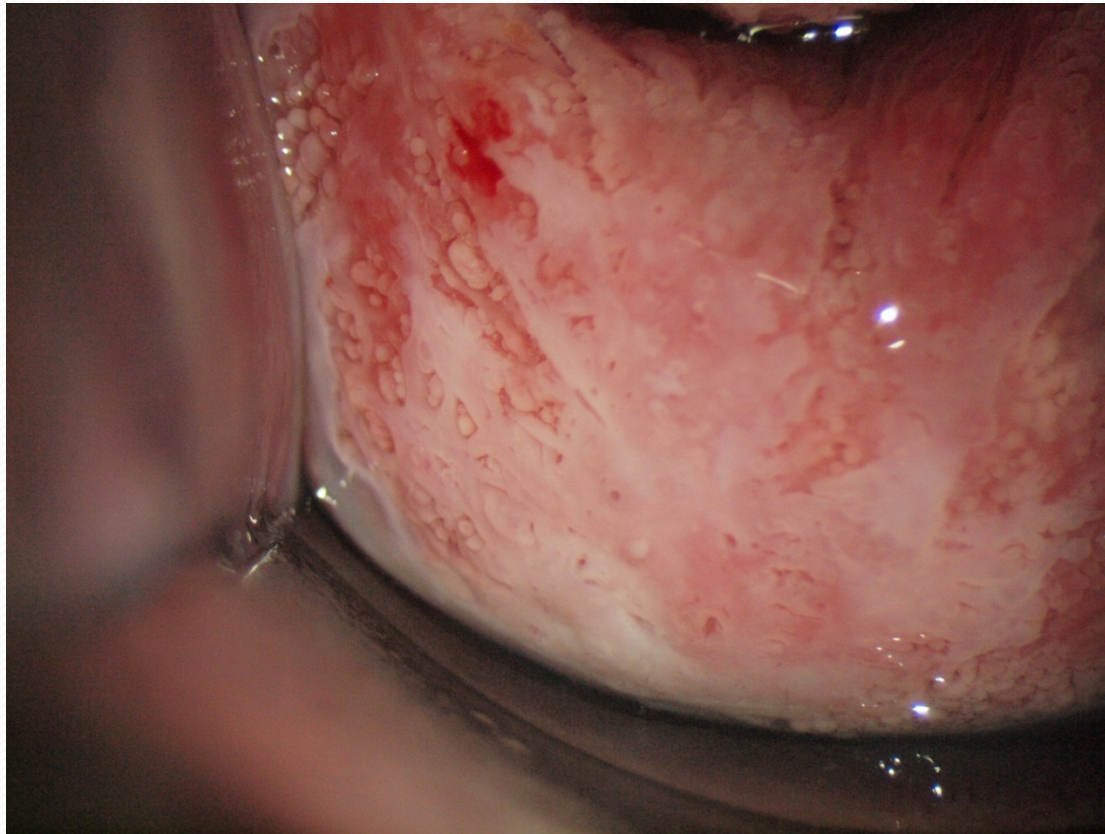
- F/35
 - Para 0
 - Good past health
 - Non-smoker
-
- Pap smear 4/2011: ASC-H

Colposcopy on 9/2011

Acetic acid



Acetic acid





Colposcopic diagnosis

CIN I

Histology

CIN II

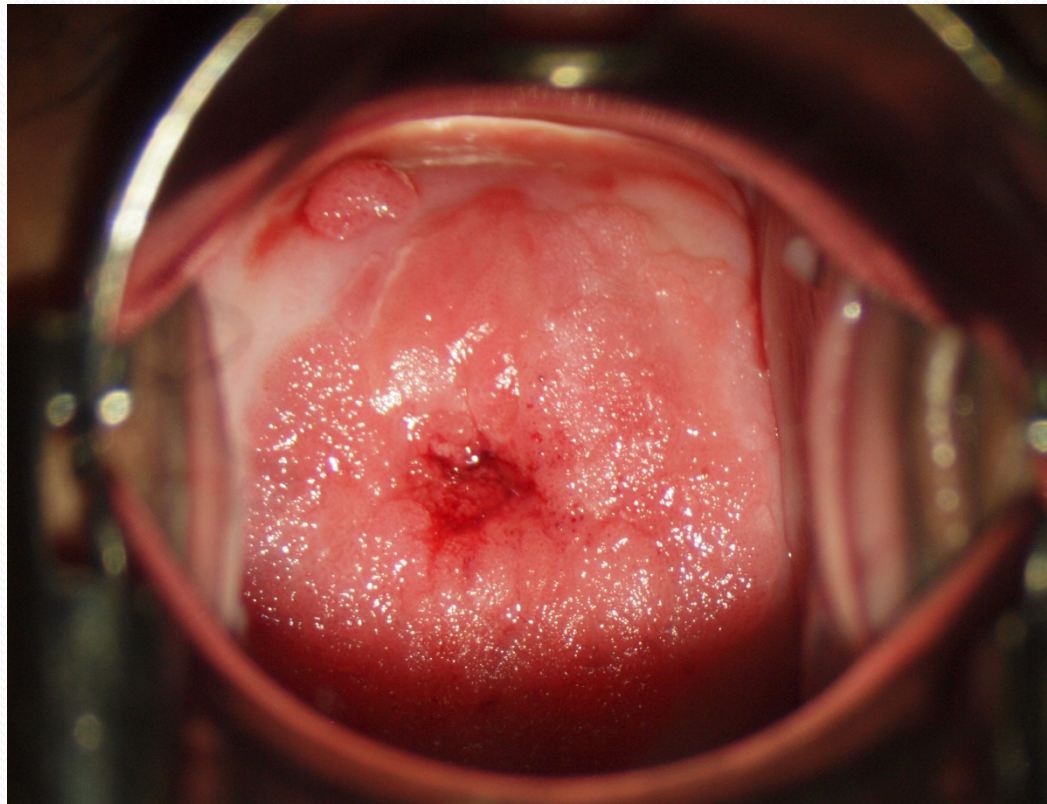


Case 14

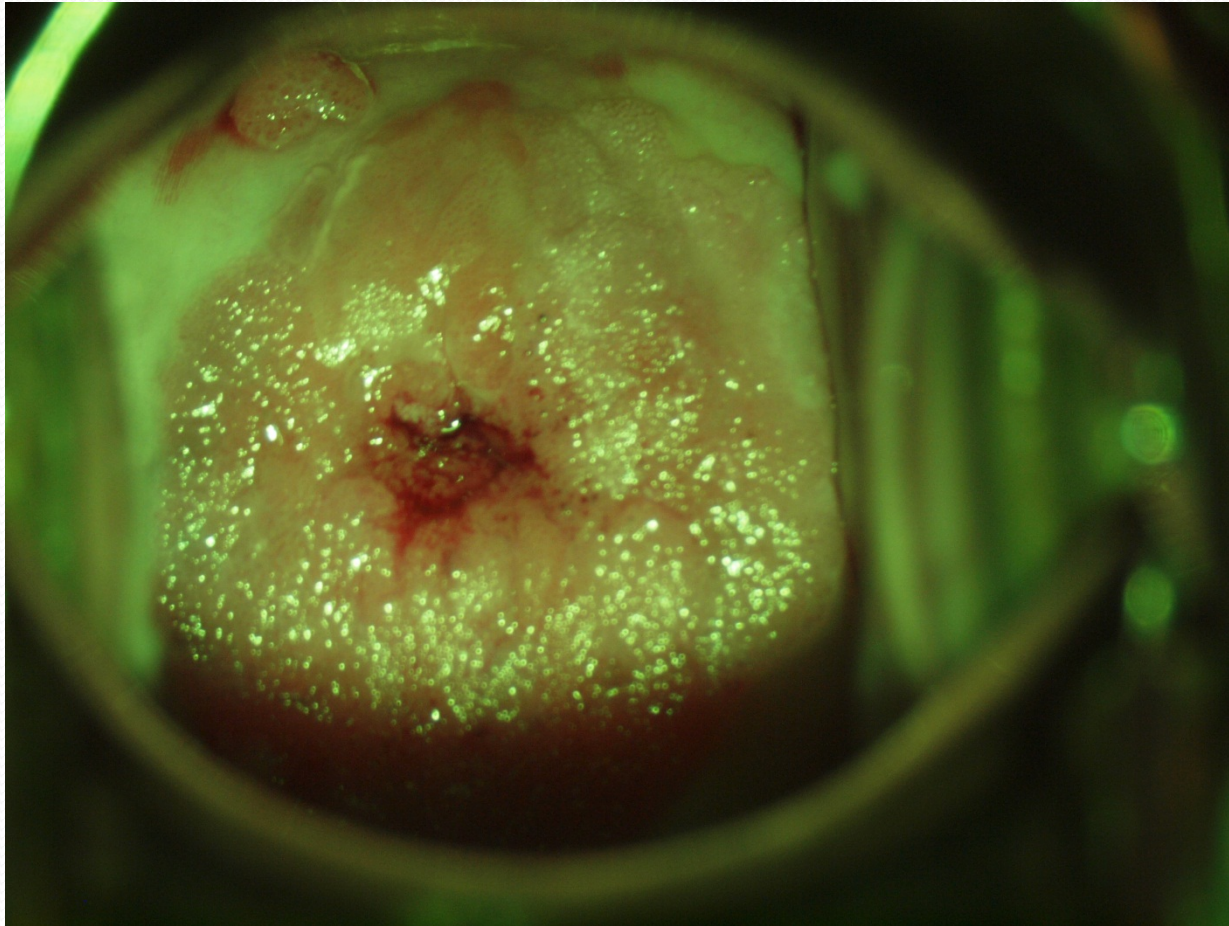
- F/43
- Good past health
- Non-smoker
- Pap smear 12/2012: HSIL

Colposcopy on 1/2013

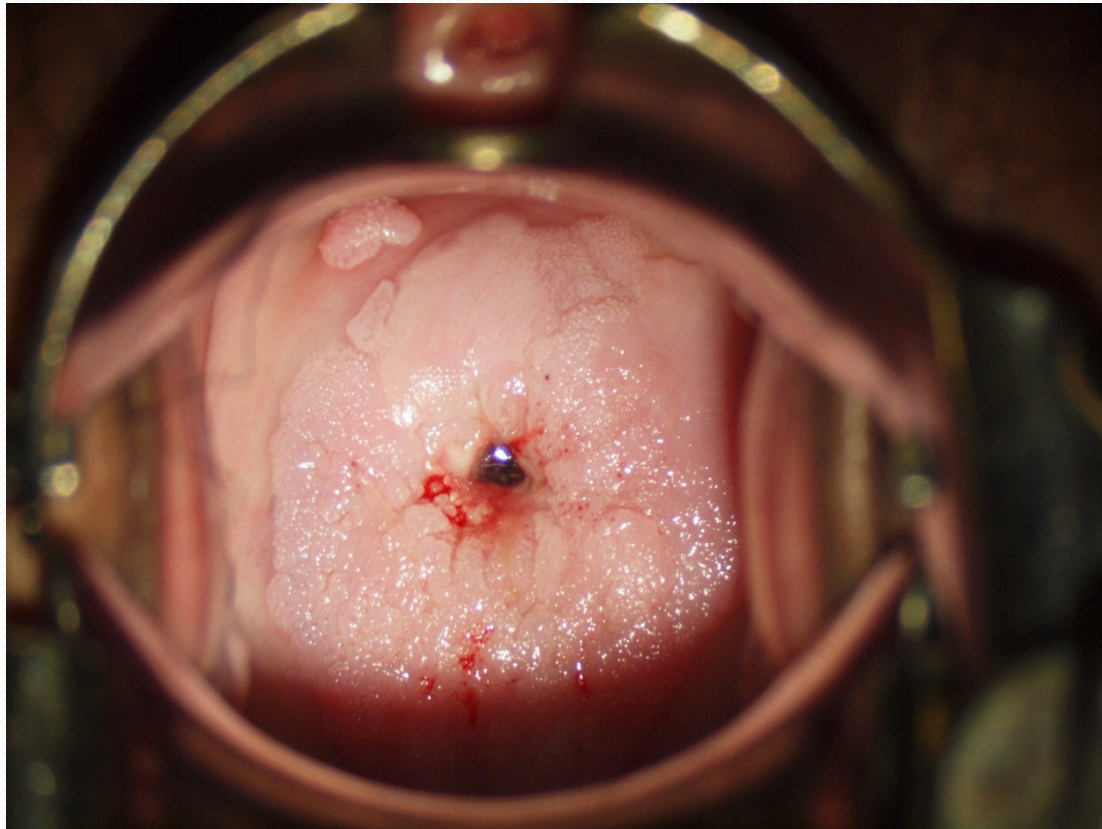
Before acetic acid



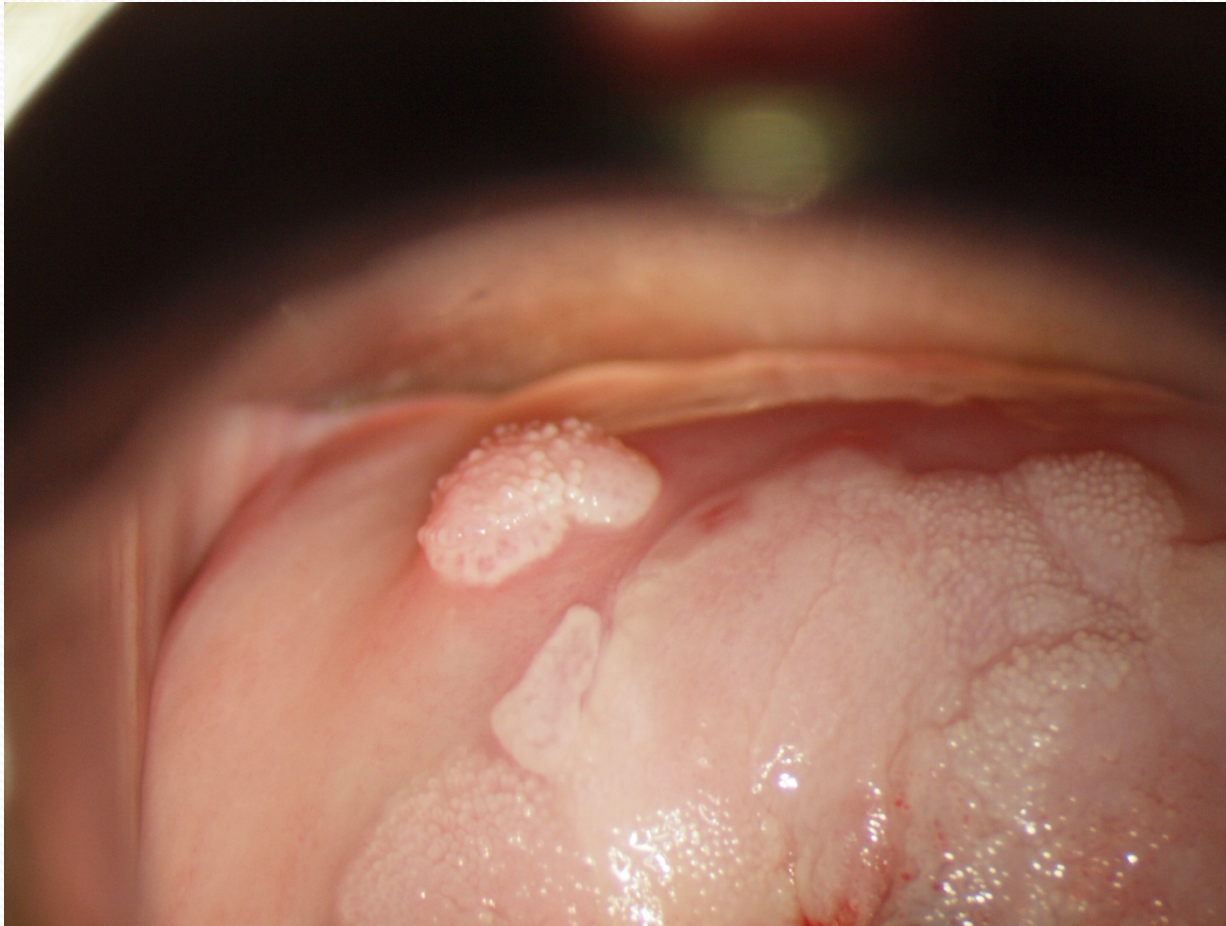
Green filter



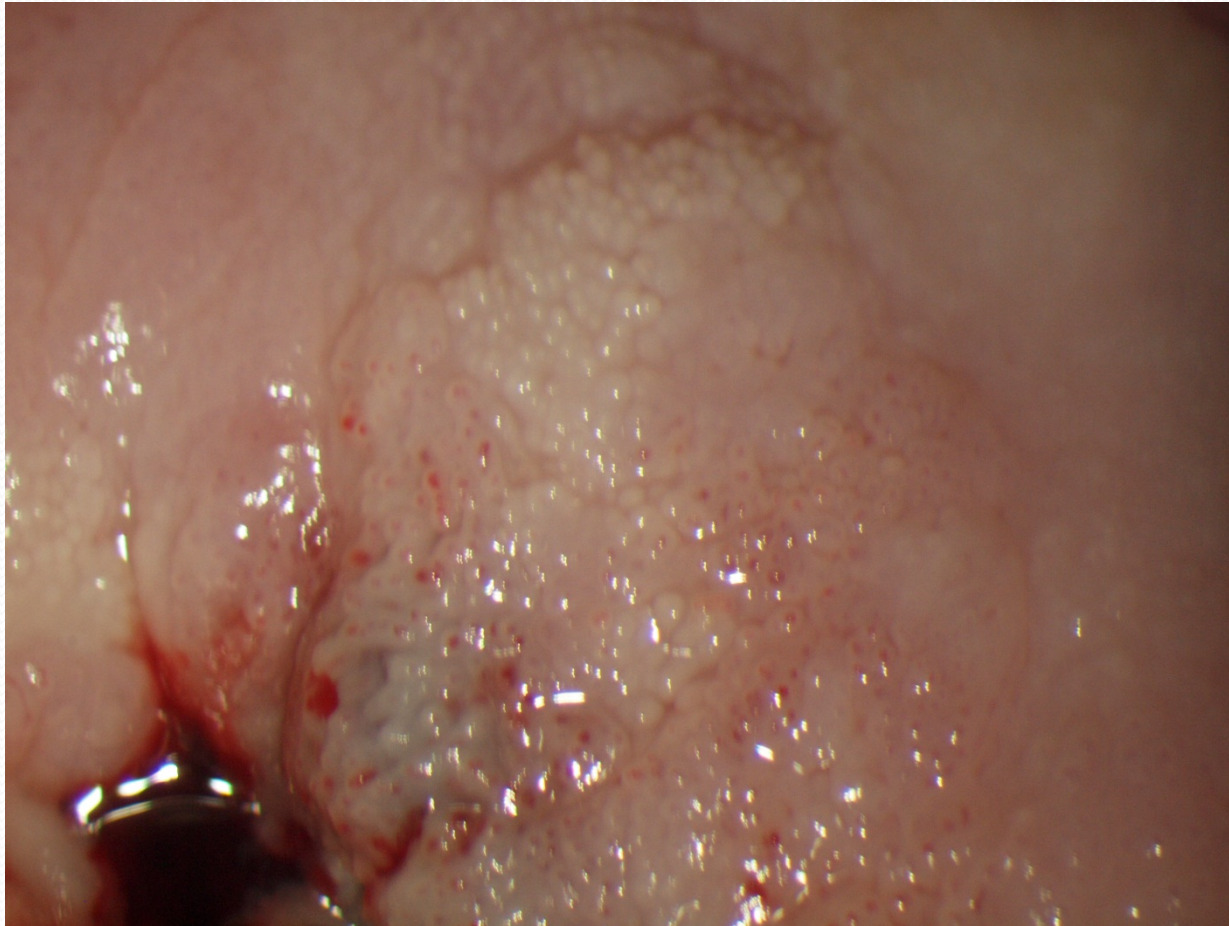
Acetic acid



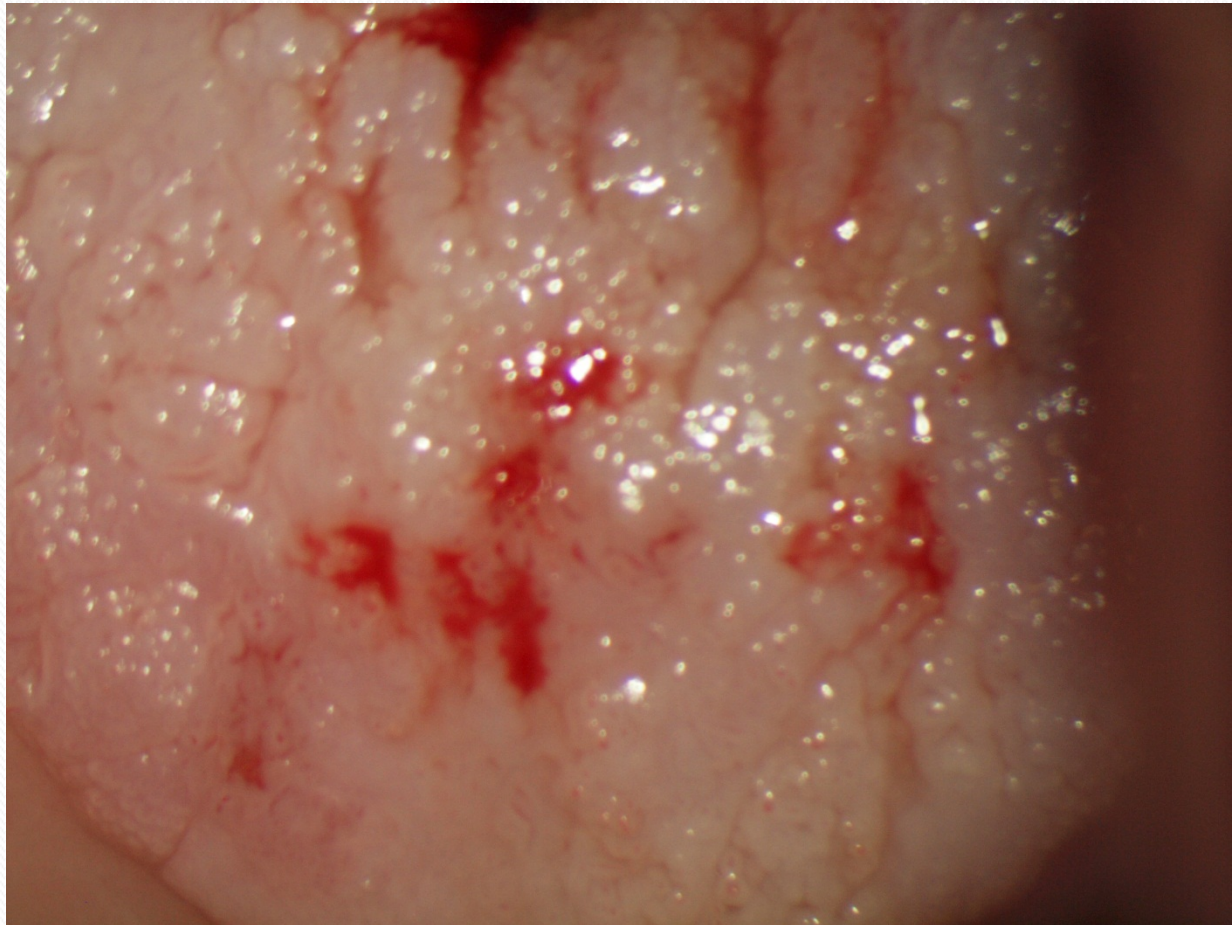
Acetic acid



Acetic acid



Acetic acid

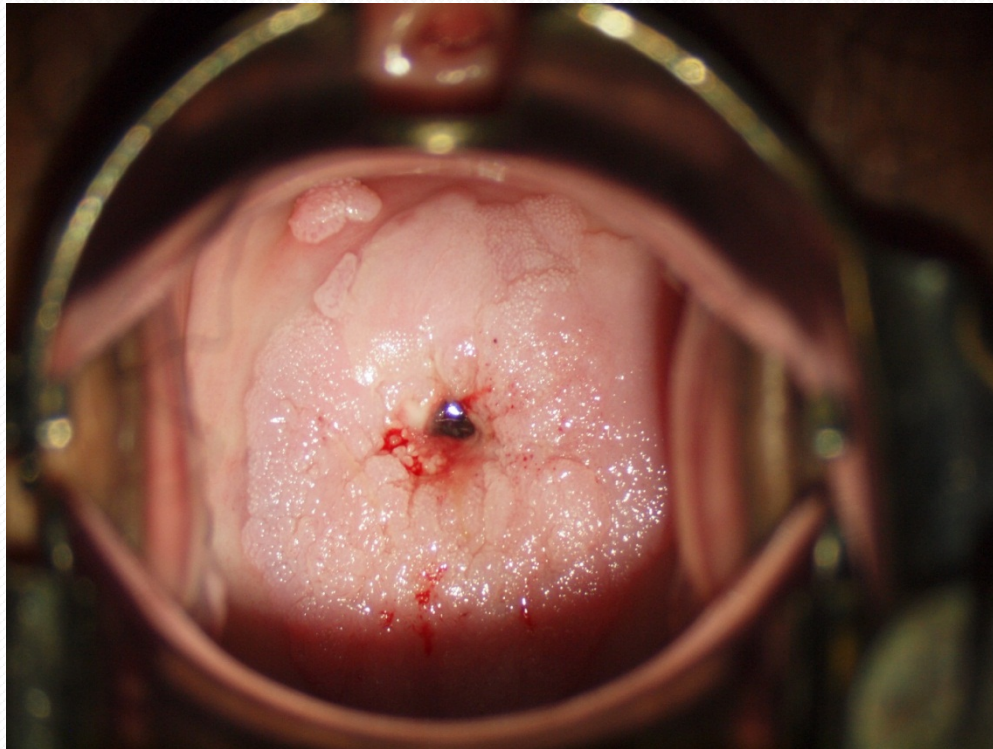


Colposcopic diagnosis

? Cancer of cervix

Histology

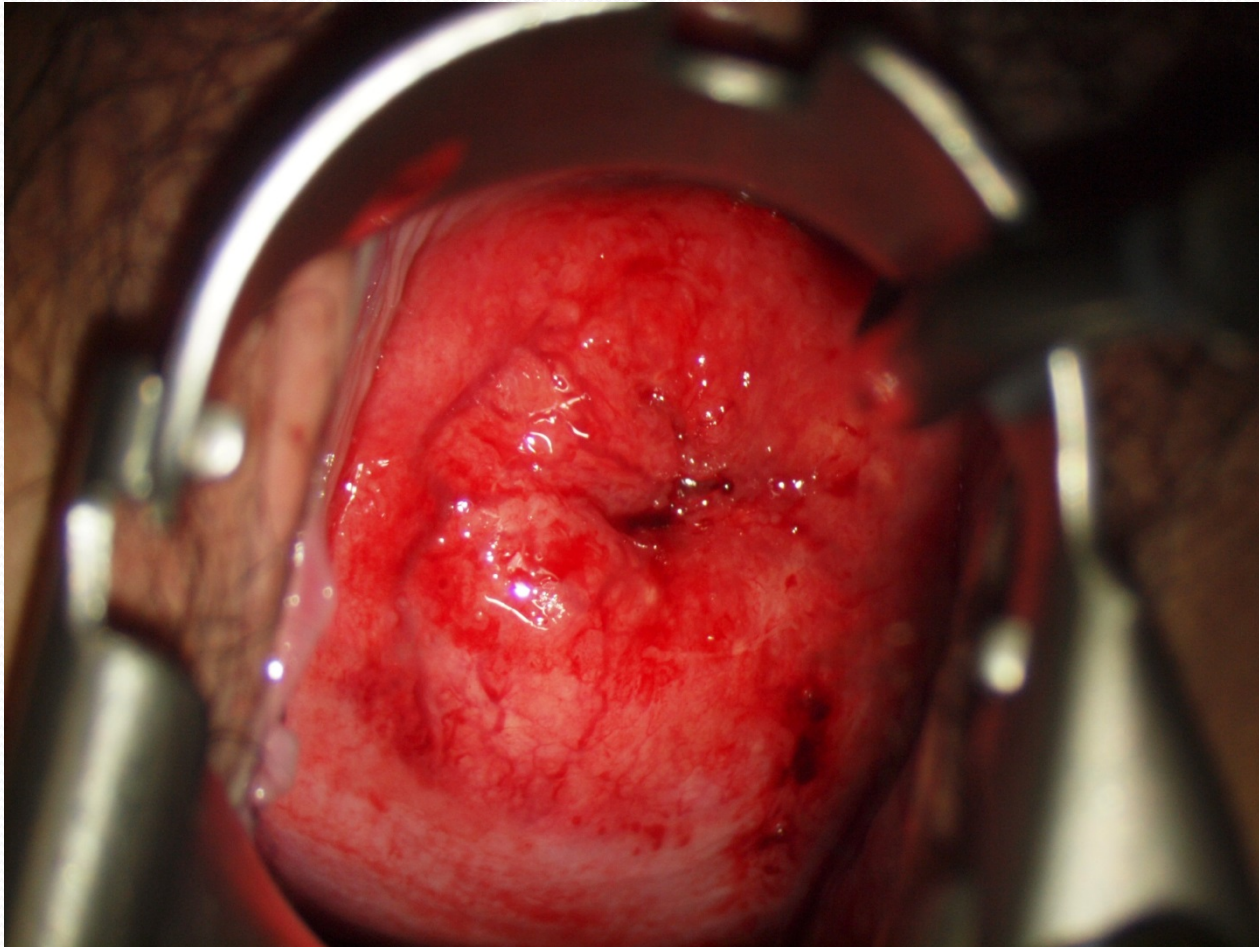
CIN III



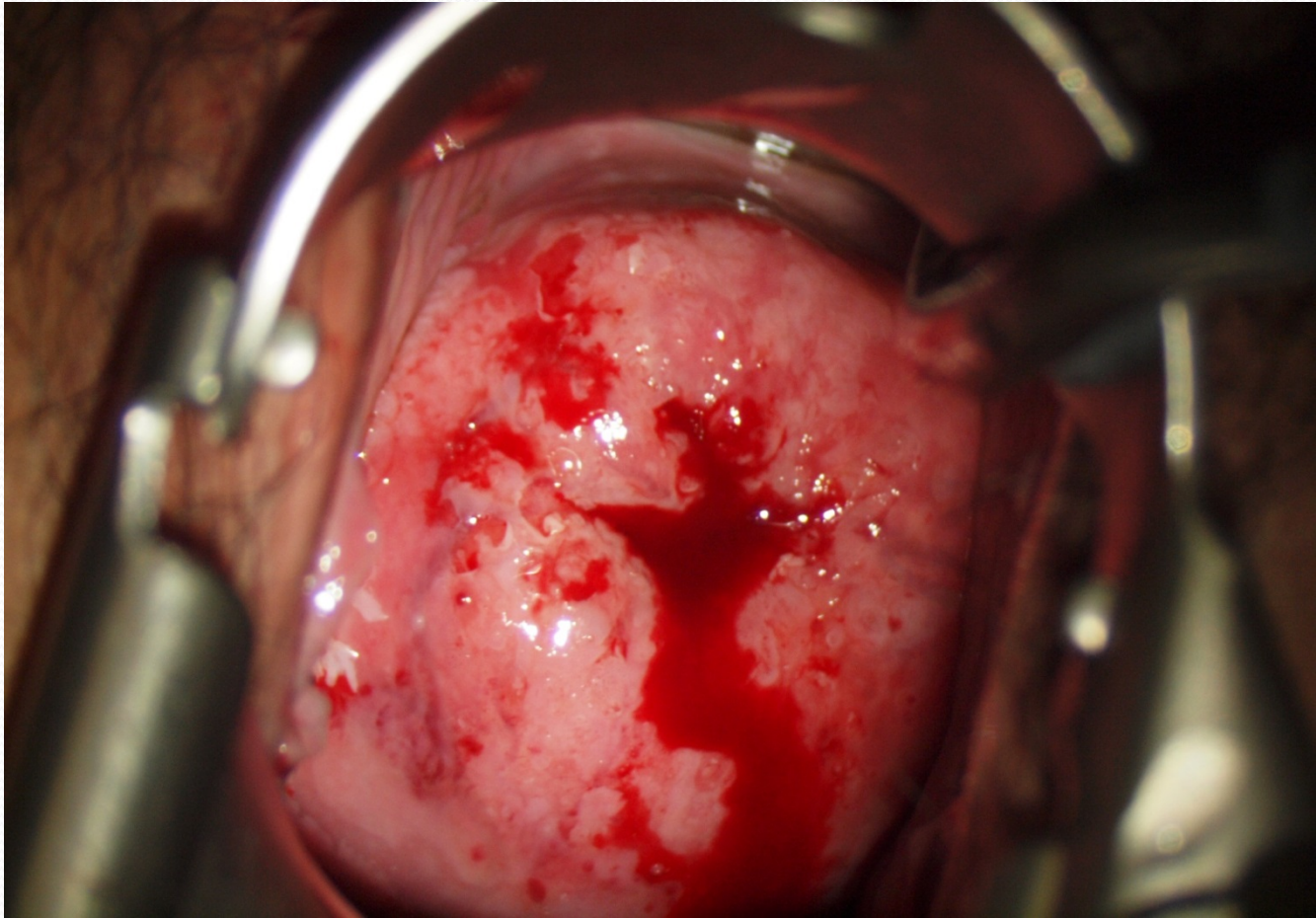
Case 15

- F/37
- Presented with post-coital bleeding
- Pap smear 5 years ago normal

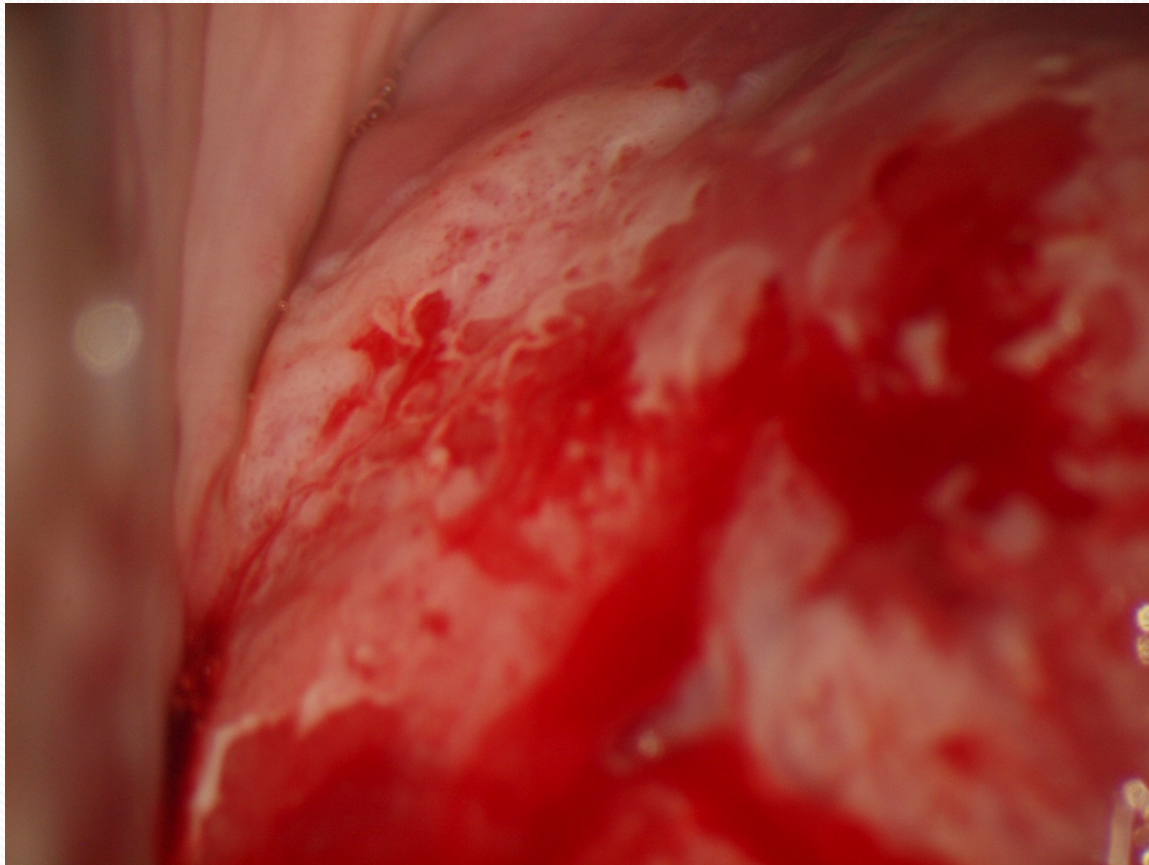
Before acetic acid



Acetic acid

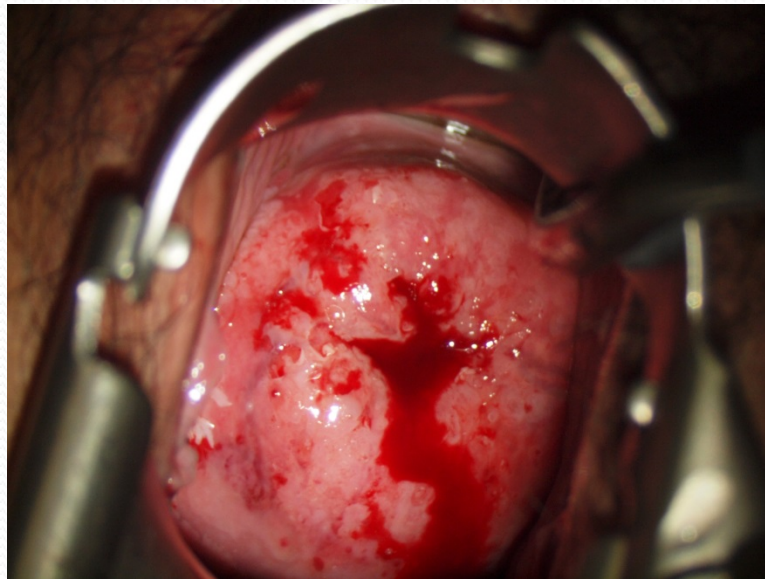


Acetic acid



Histology

SCC



Progress

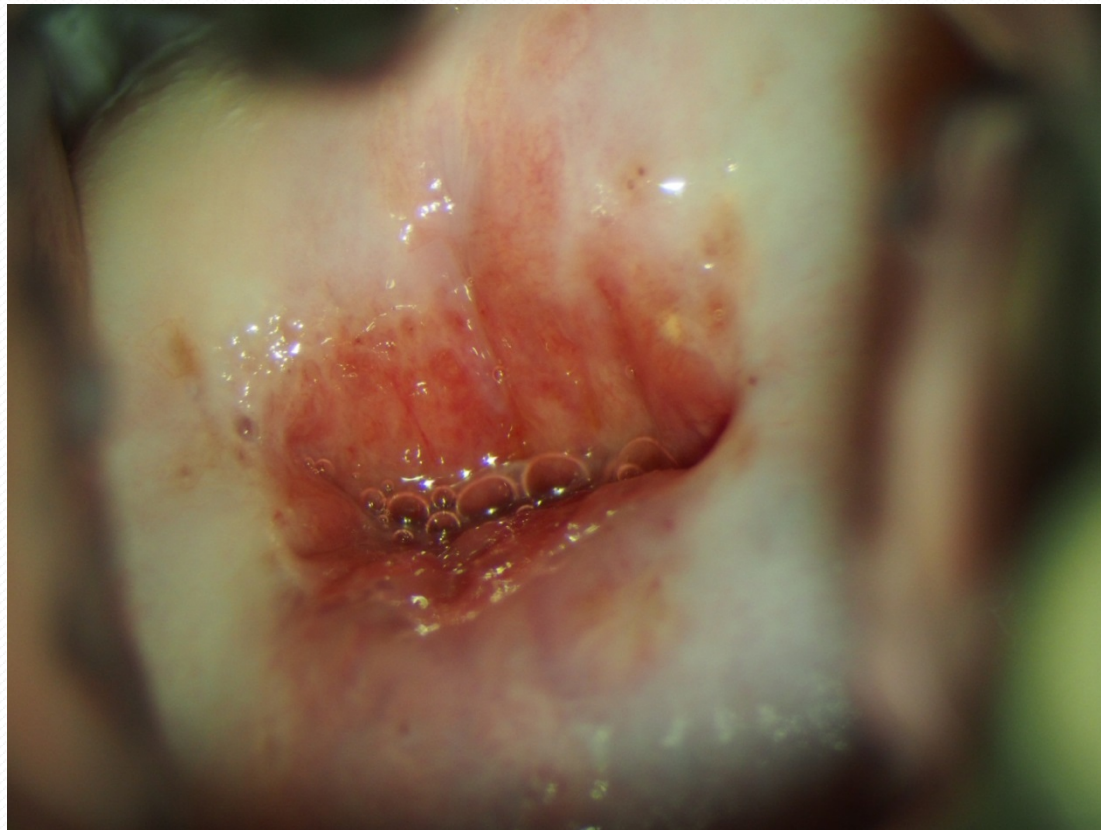
- Physical exam and MRI abdomen and pelvis showed parametrial invasion
- No enlarged lymph nodes on MRI
- Dx: Stage IIB cancer of cervix
- Plan for primary chemoradiation

Case 16

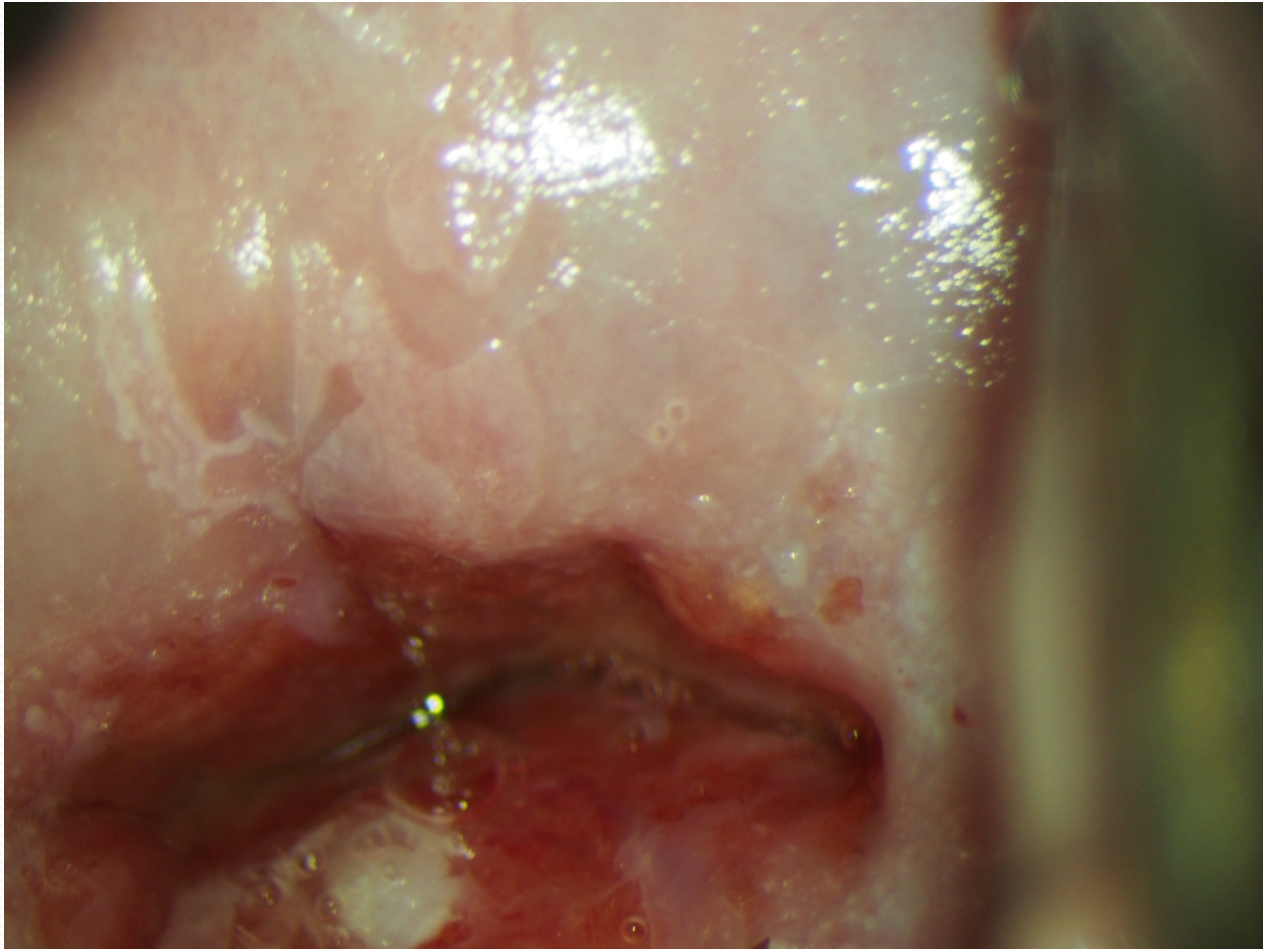
- F/37
- Good past health
- Non-smoker
- Pap smear 12/2015: ASCH

Colposcopy on 18/3/2016

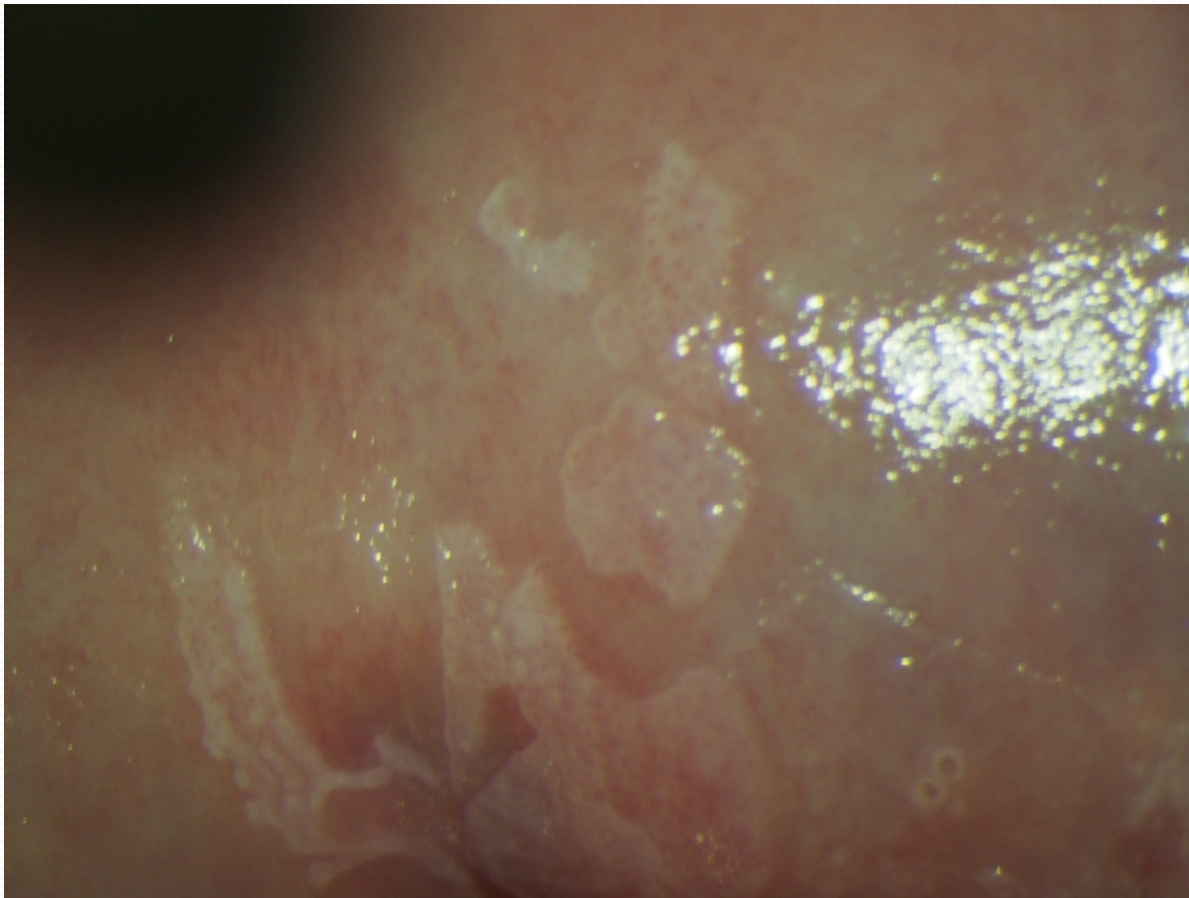
Before acetic acid



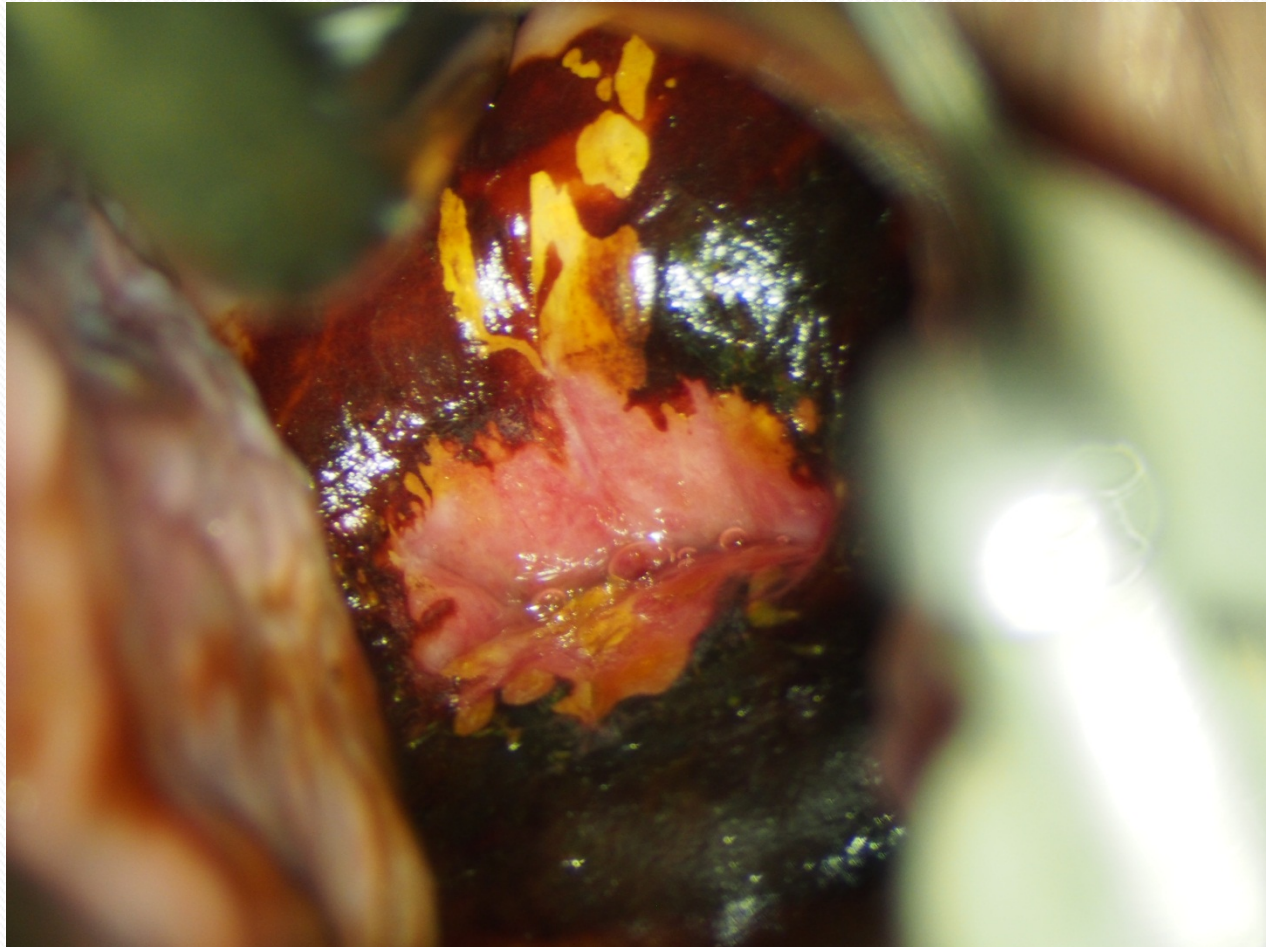
Acetic acid



Acetic acid



Lugol's iodine



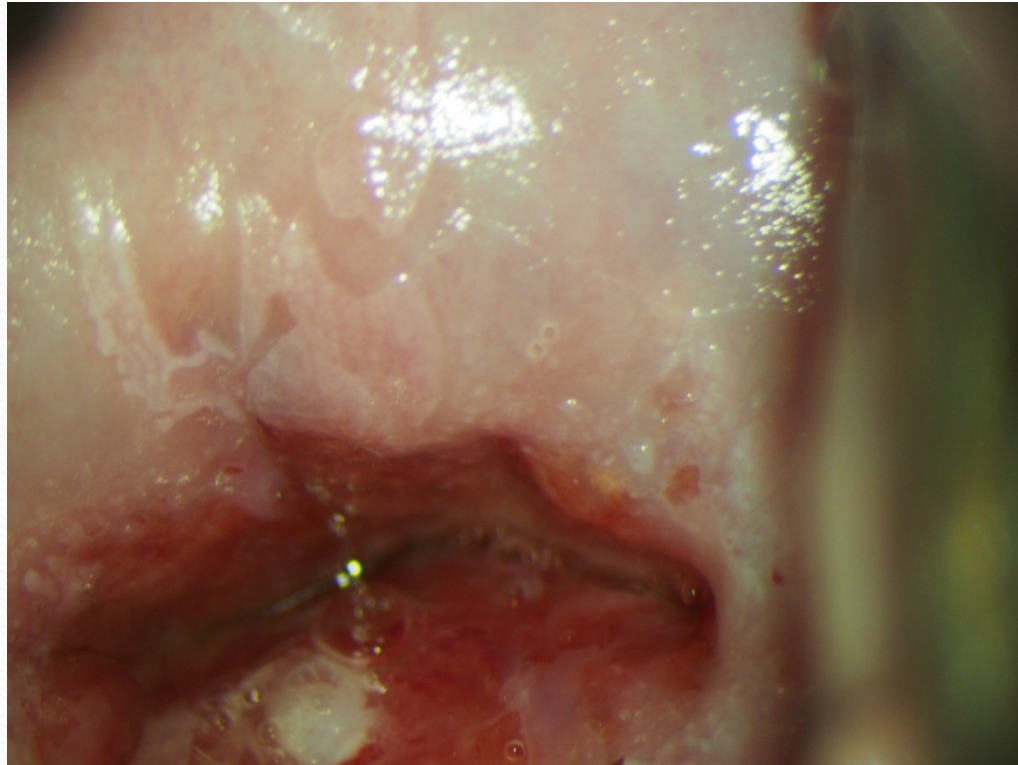


Colposcopic diagnosis

CIN II

Histology

CIN II

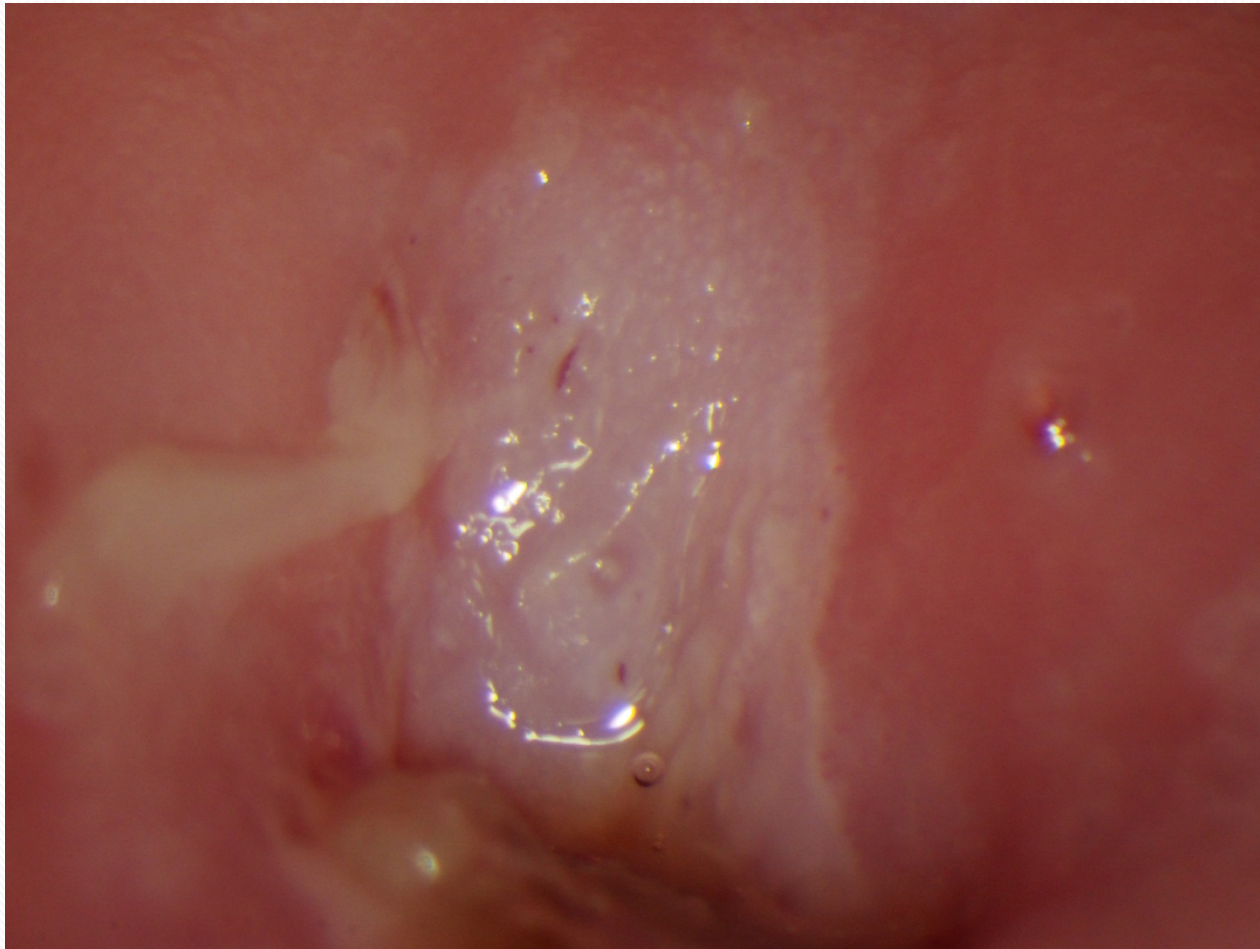


Case 17

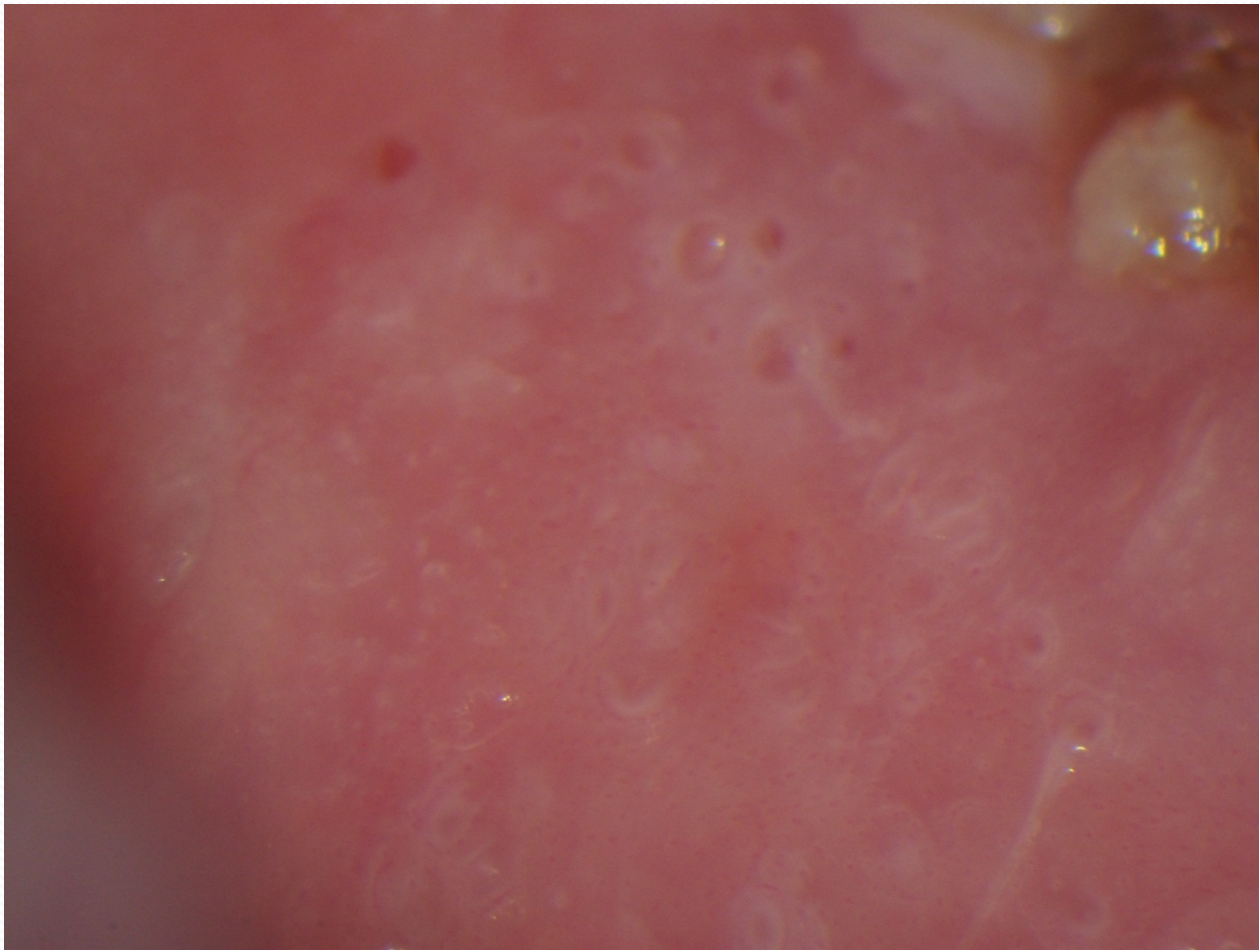
- F/46
- Good past health
- Non-smoker
- Pap smear 8/2015: ASCH

Colposcopy on 1/2015

After acetic acid



Acetic acid



Colposcopic diagnosis

CIN II

Histology

CIN I

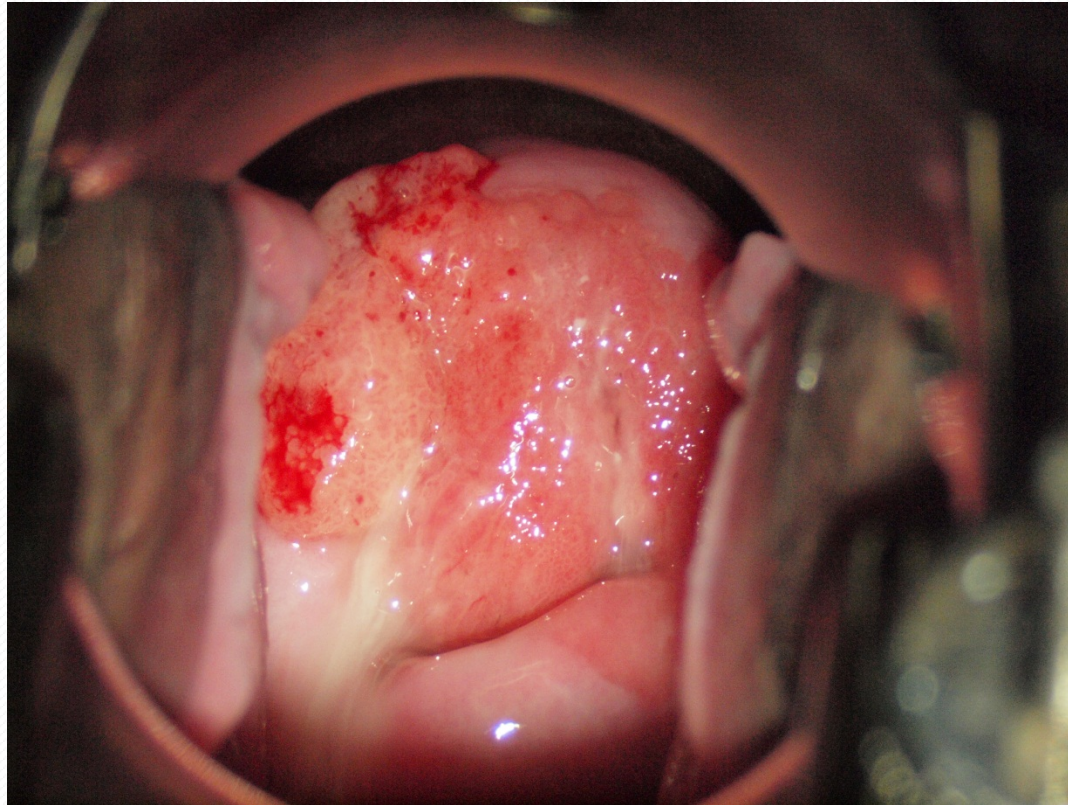


Case 18

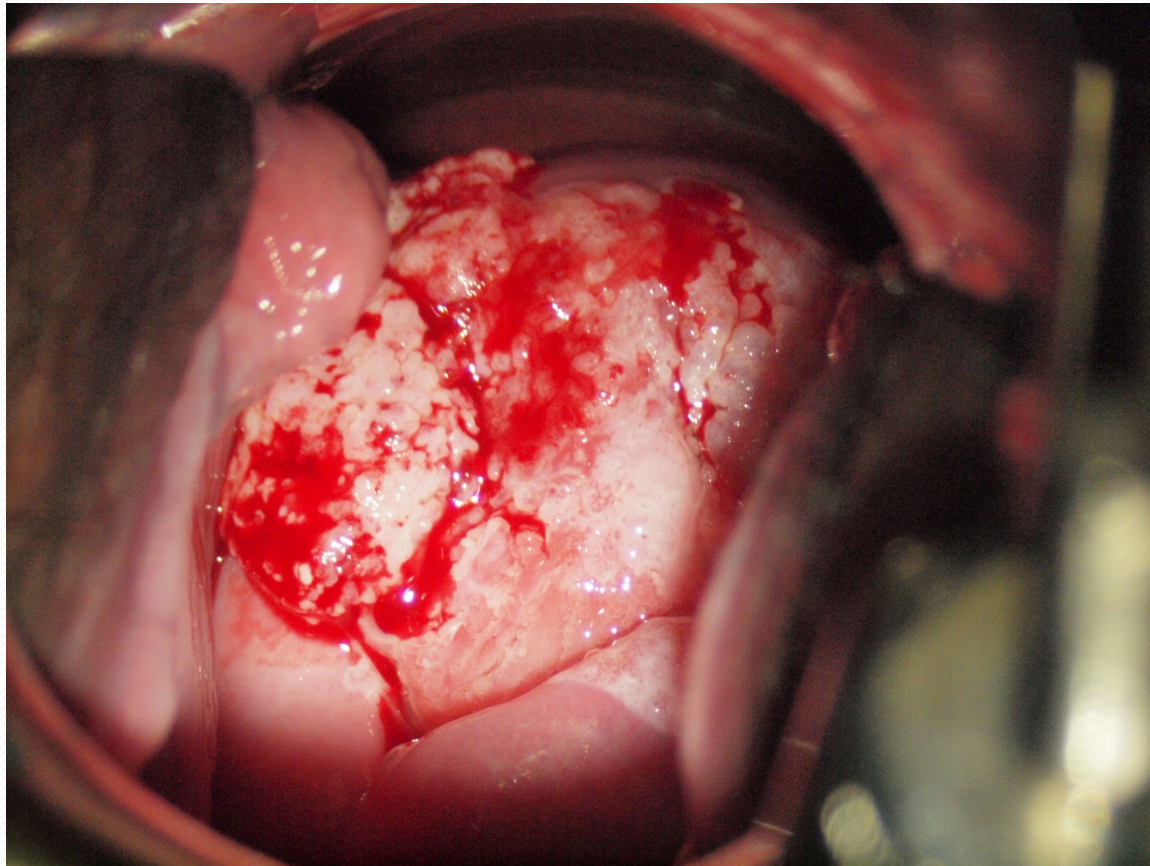
- F/30
- Good past health
- Pap smear: HSIL, suspicious of invasion

Colposcopy

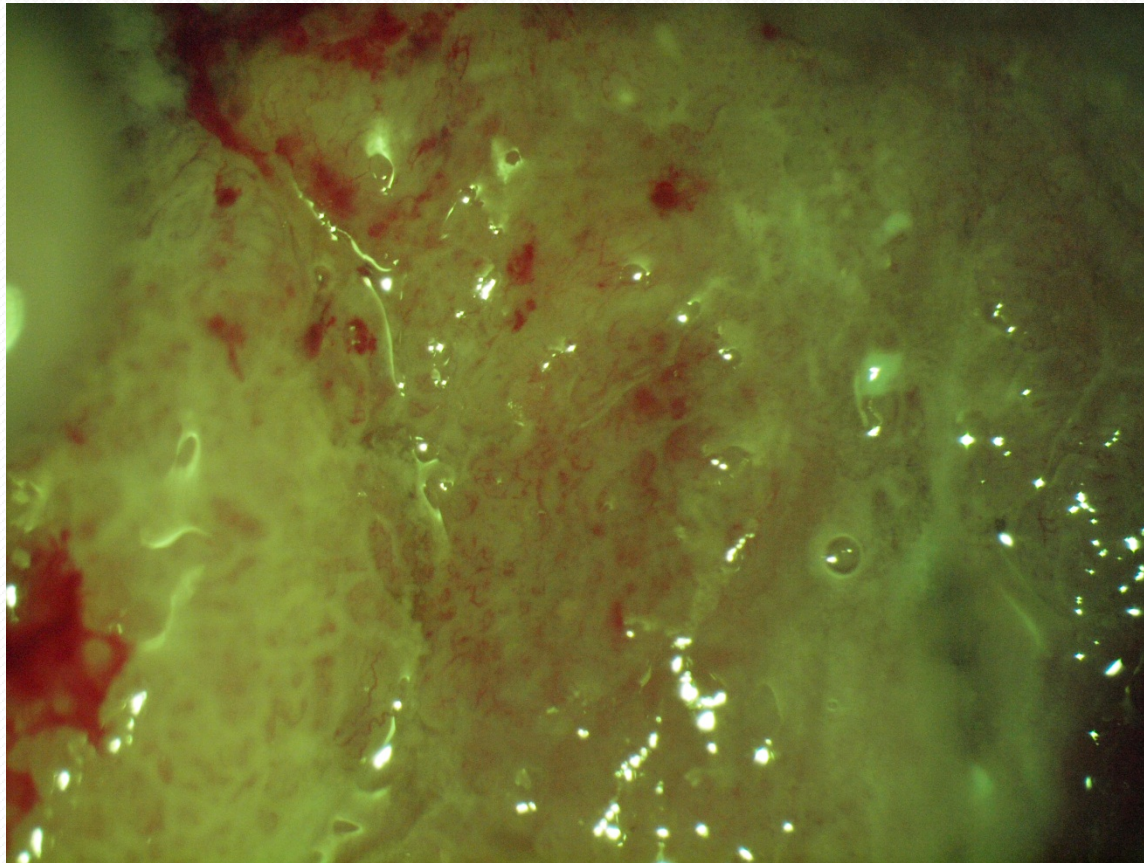
Before acetic acid



Acetic acid



Green filter

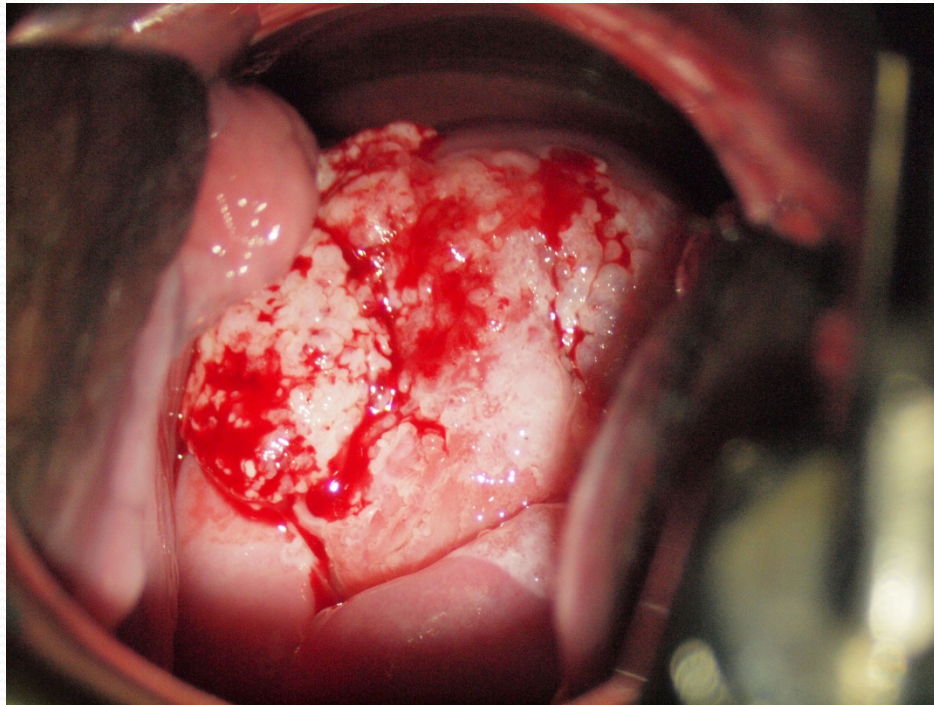


Colposcopic diagnosis

? Cancer of cervix

Histology

SCC



Progress

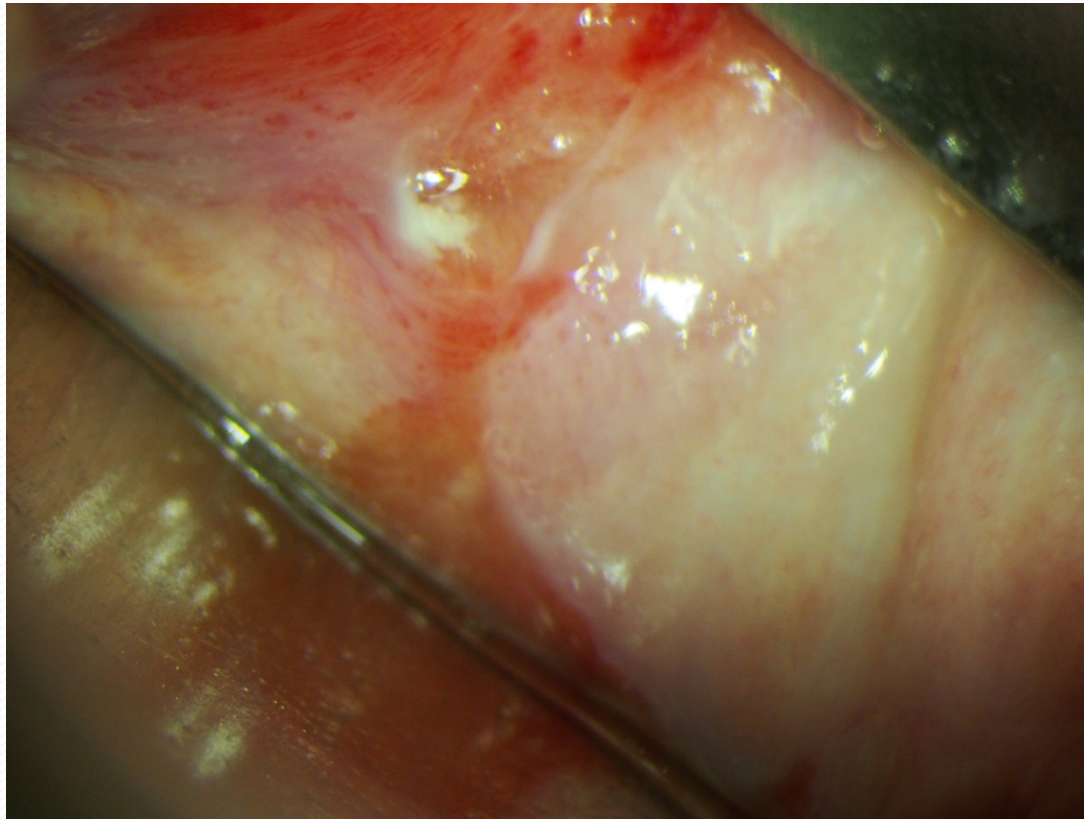
- MRI abdomen and pelvis: no parametrial invasion, no enlarged lymph nodes, no distant metastasis
- Dx: Stage 1b1 cancer of cervix
- Radical hysterectomy with pelvic lymphadenectomy performed

Case 19

- F/66
- History of cancer of cervix with chemoradiation in 2004
- History of VAIN II-III in 2014

Colposcopy 6/2015

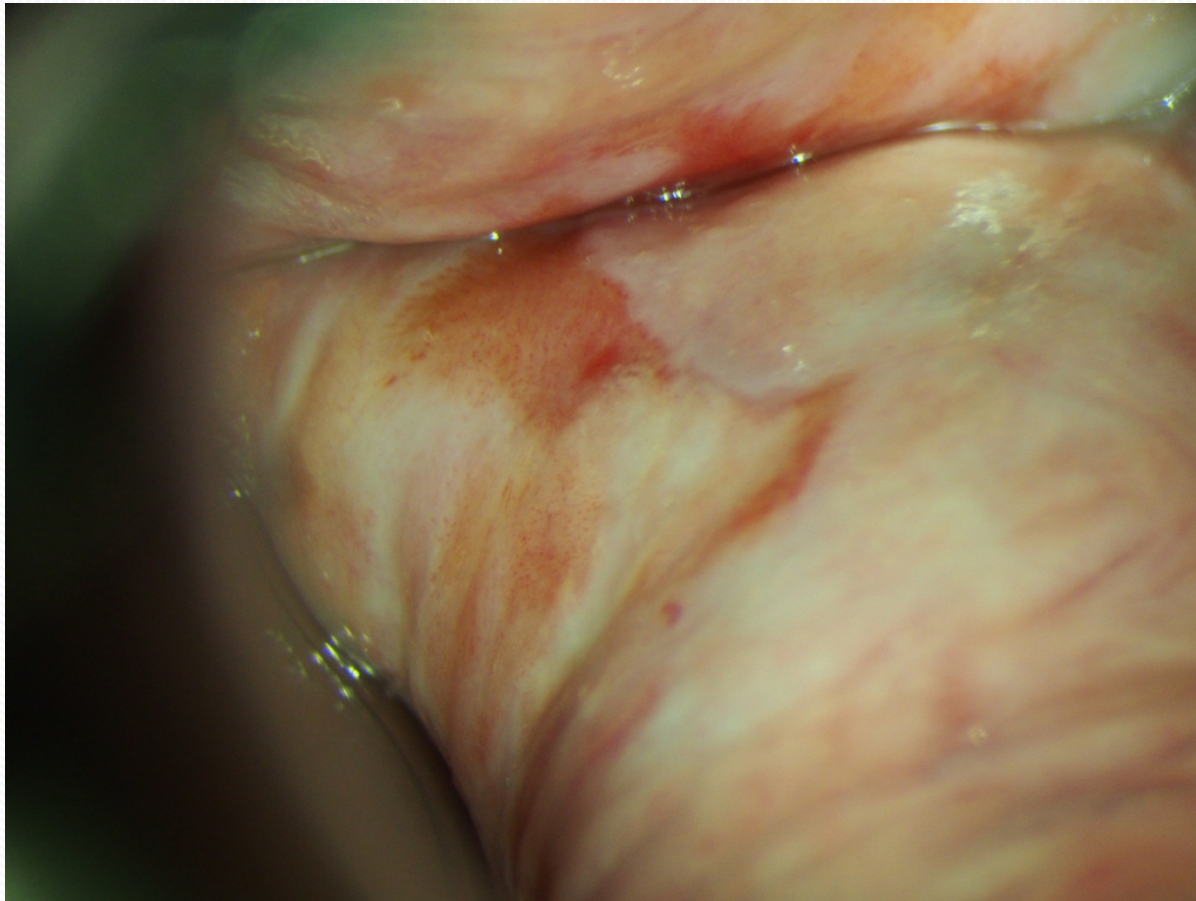
Acetic acid on vagina



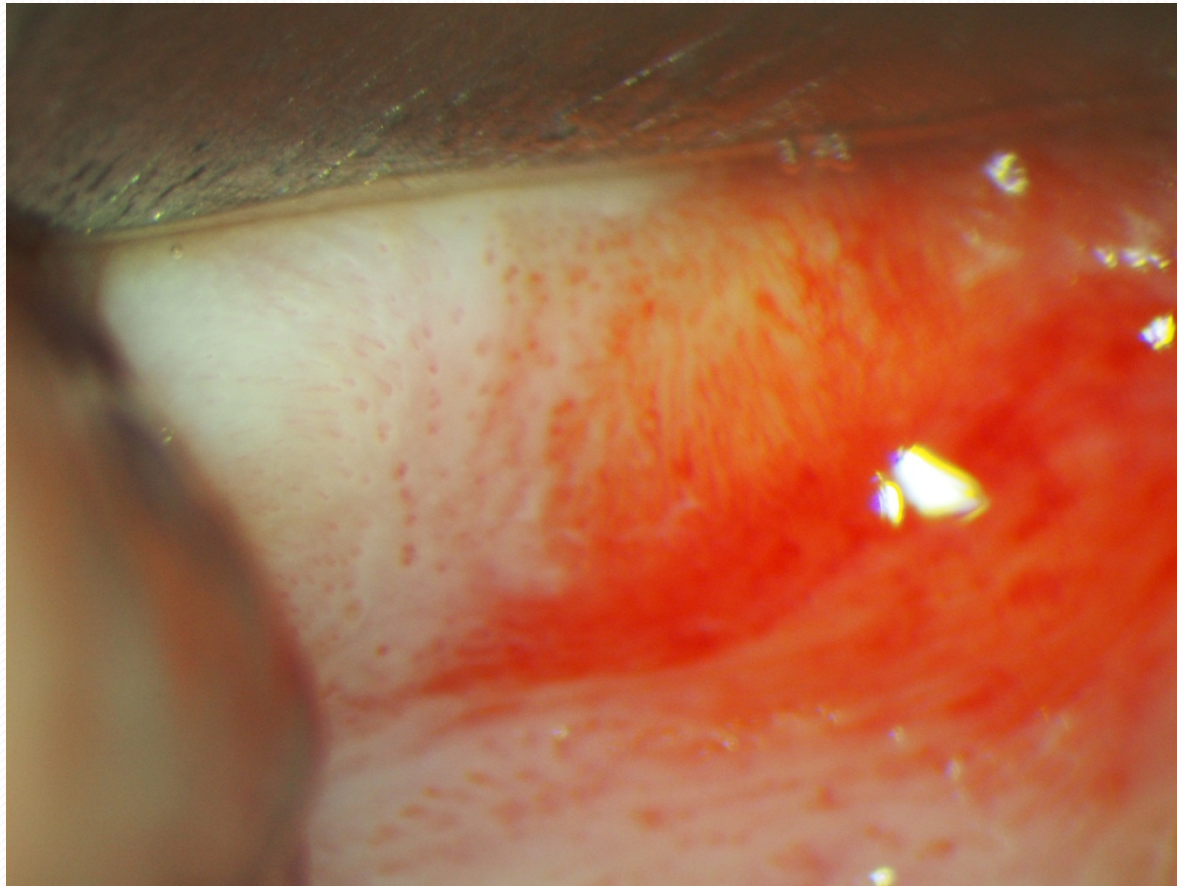
Acetic acid on vagina



Acetic acid on vagina



Acetic acid on vagina



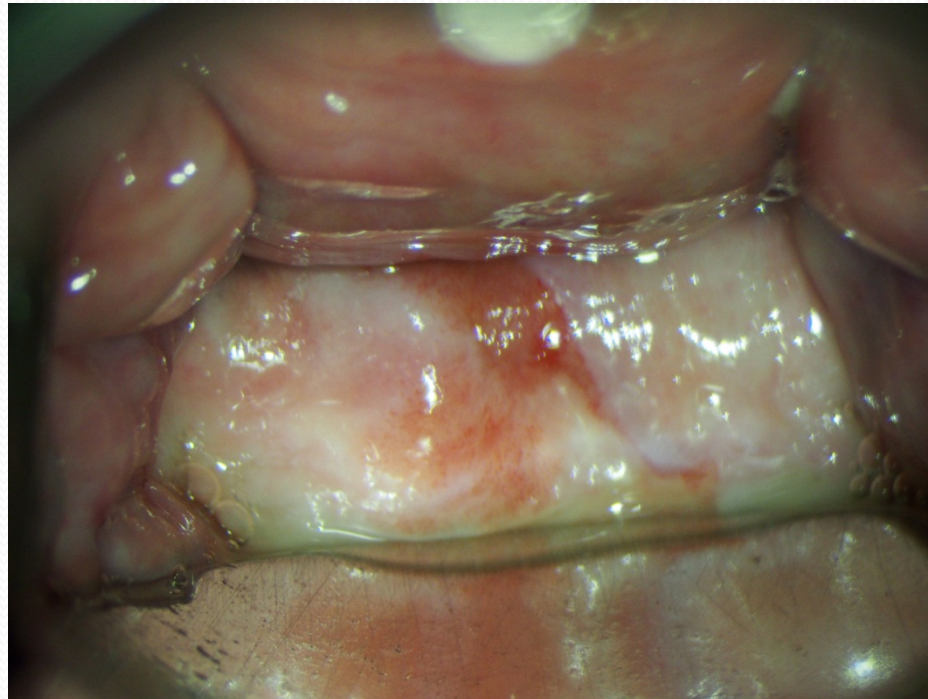


Colposcopic diagnosis

HPV

Histology

HPV



Case 20

- F/70
- Past health: hypertension, diabetes
- Complain of left vulval mass for 1 year







Histology

Malignant melanoma

Progress

- PETCT: no distant metastasis
- Wide local excision

Case 21

- F/26
- Past health: Fanconi anaemia
- Complain of right vulval nodule

Acetic acid



Acetic acid



Excision under local anaesthesia performed

Histology

Right vulval nodule: Squamous cell carcinoma
(1.4mm deep, 2.7mm span)

Skin: VIN III margin involved

Progress

- CT: no nodal metastasis
- Dx: at least stage 1b cancer of vulva
- Patient refuse wide local excision and groin dissection
- In remission 1.5 years later

Case 22

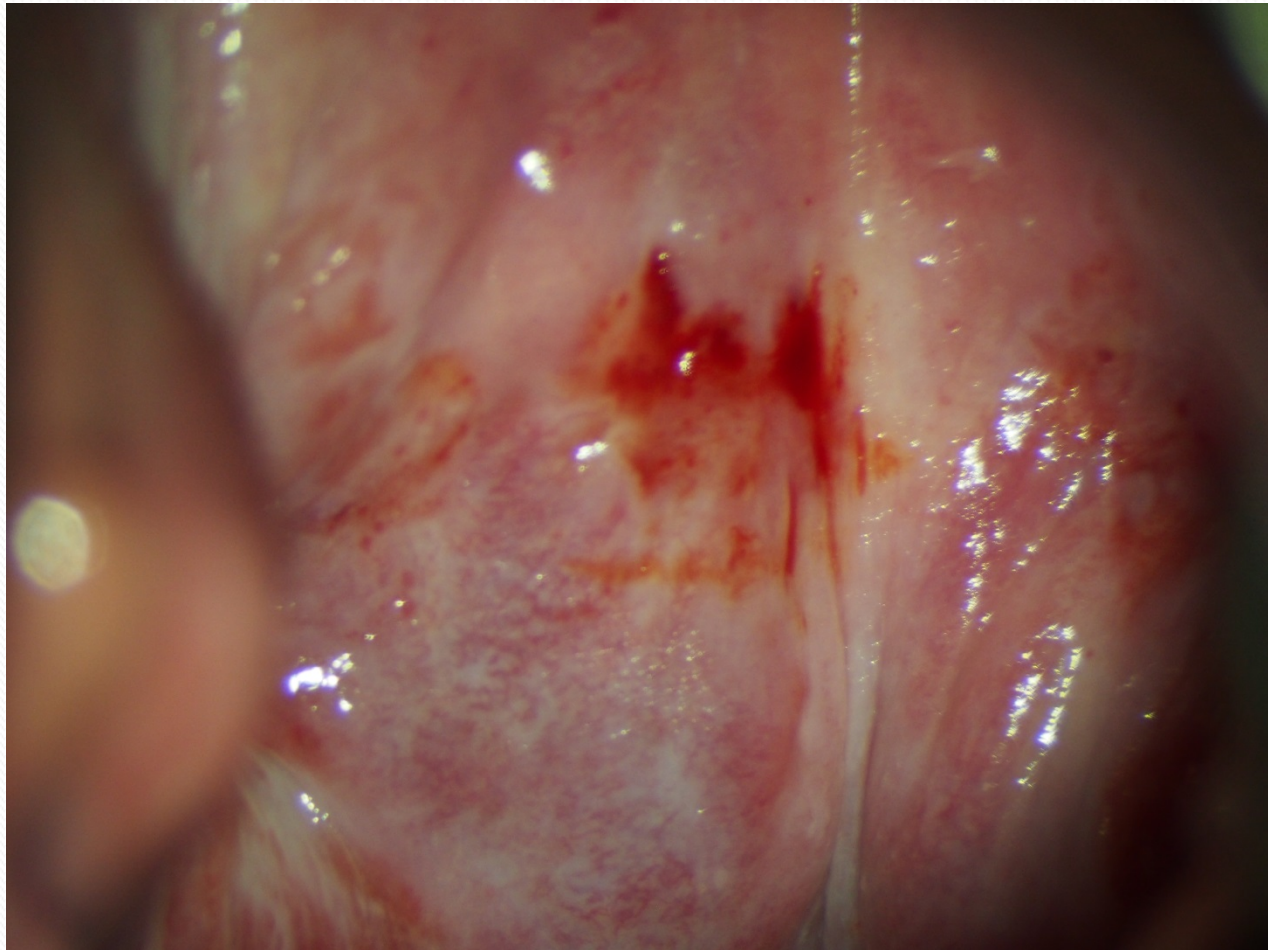
- F/43
- Para 2
- Past health: cancer of cervix with radical hysterectomy, bilateral salpingoophorectomy and pelvic lymph node dissection in 2003
- Vault smear 9/2014: LSIL

Colposcopy 10/2015

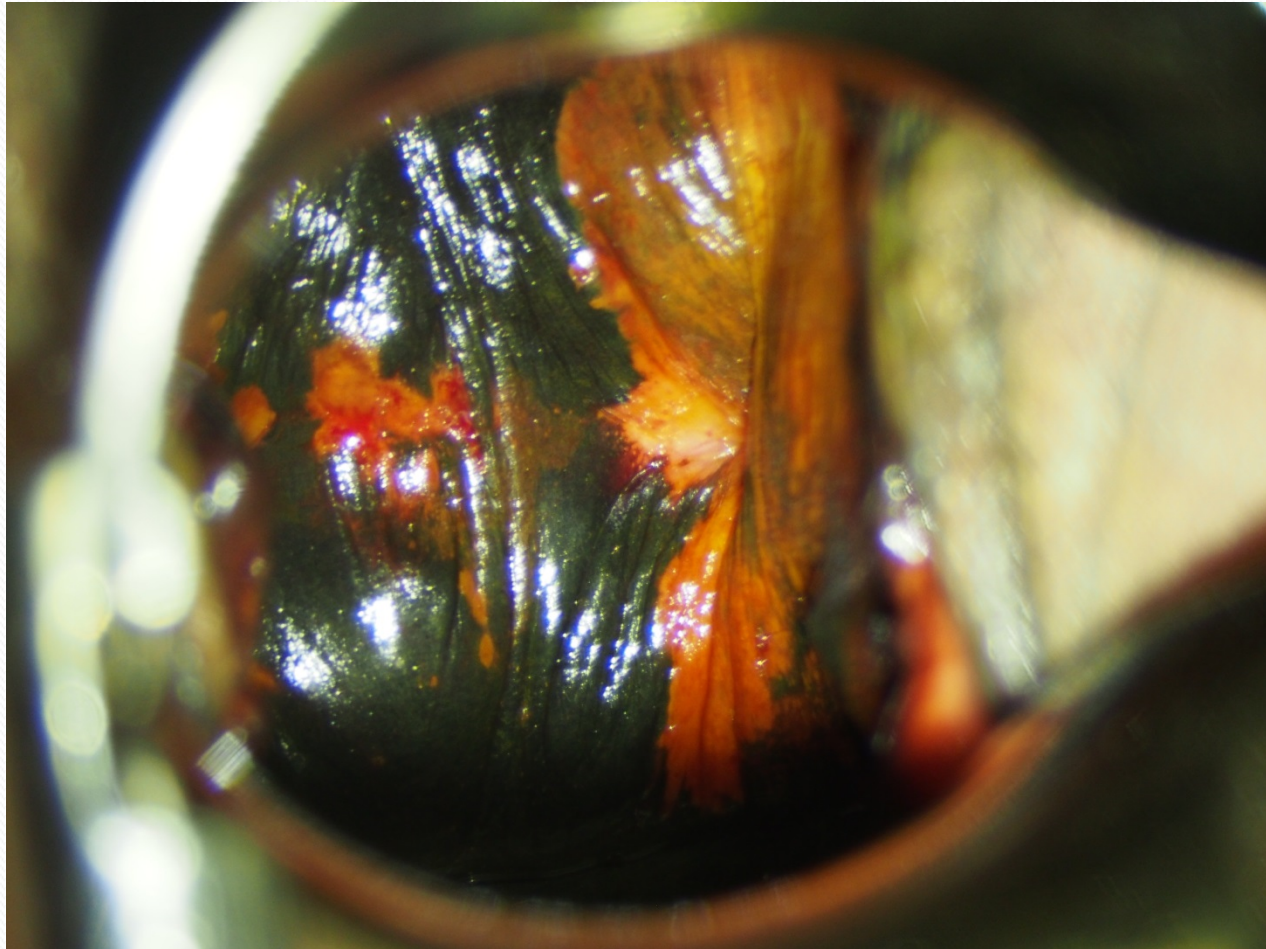
Acetic acid



Acetic acid



Lugol's iodine



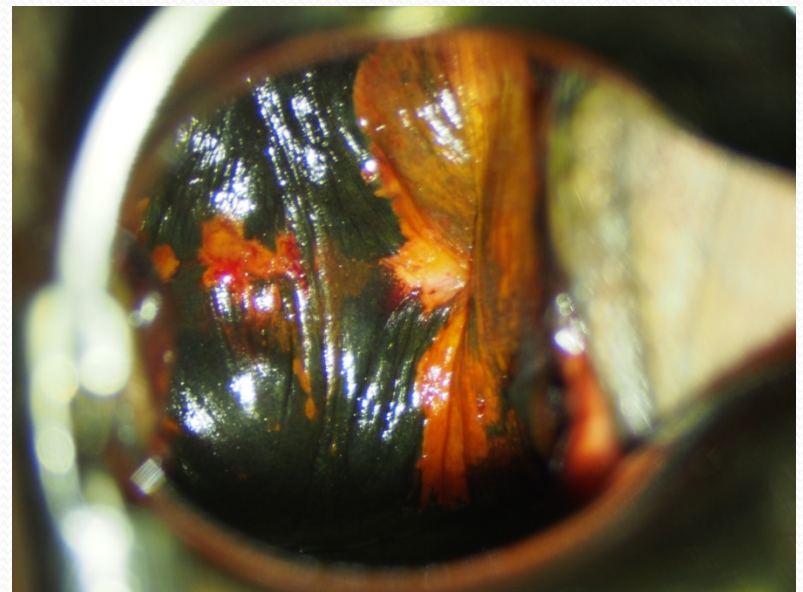
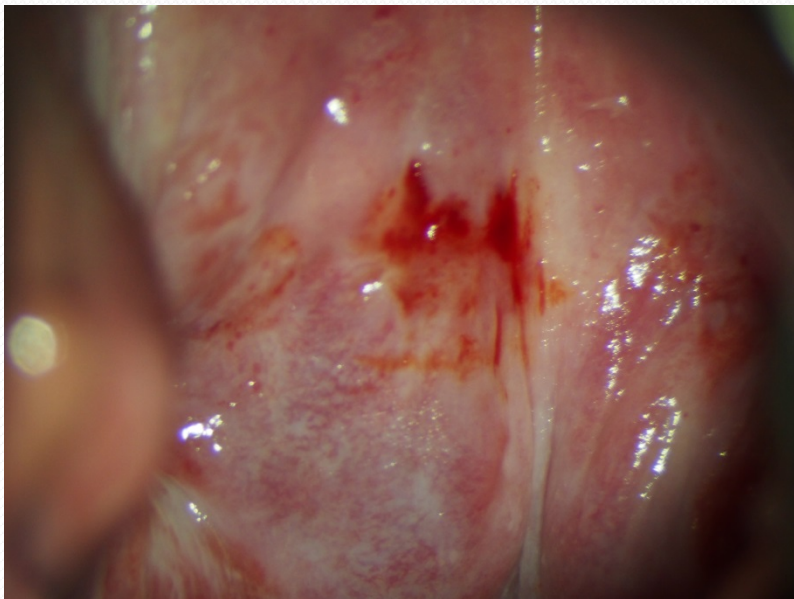


Colposcopic diagnosis

HPV

Histology

HPV



Case 23

- F/58
- Past health: ESRF on haemodialysis, DM on insulin, IHD
- Complain of vulval mass for few months

Before acetic acid



Acetic acid





Histology

Squamous cell carcinoma

Progress

- Plain MRI pelvis: a few small lymph nodes in right inguinal region and along right external iliac chain, up to 1cm
- Radical vulvectomy and right groin dissection on 22/2/16
- Pathology: right vulval mass → SCC, margins clear, 5 right groin lymph node –ve
- Plan for observation

Case 24

- F/86
- History of VIN III with vulvectomy and wide local excision done in 2009, 2011
- Pathology 2009: VIN III, margins involved
- Pathology 2011: VIN III, margins involved

2014



Acetic acid



Histology

VIN III



Progress

- Patient refuse further operation
- Seen 2 years later: VIN III

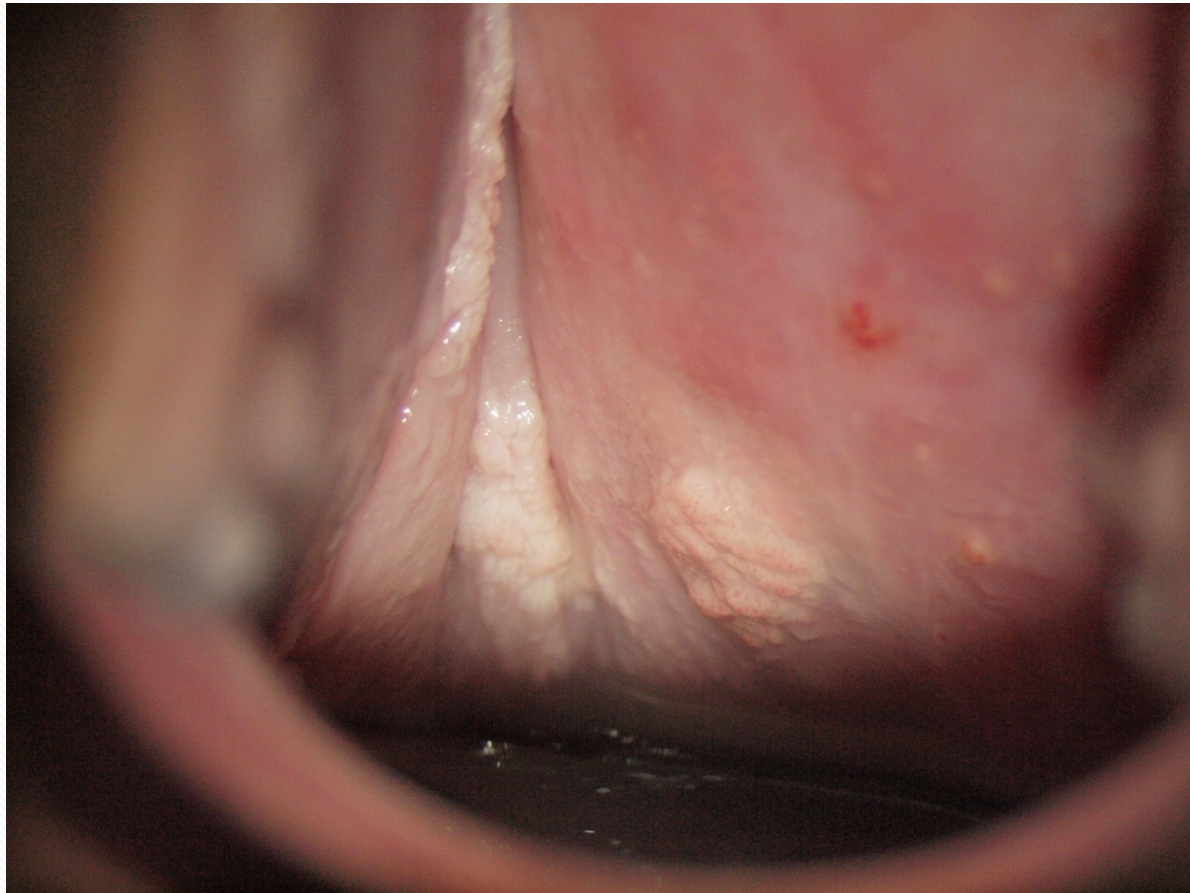
Case 25

- F/33
- Good past health
- Non-smoker
- Pap smear: HSIL

Colposcopy 3 months later



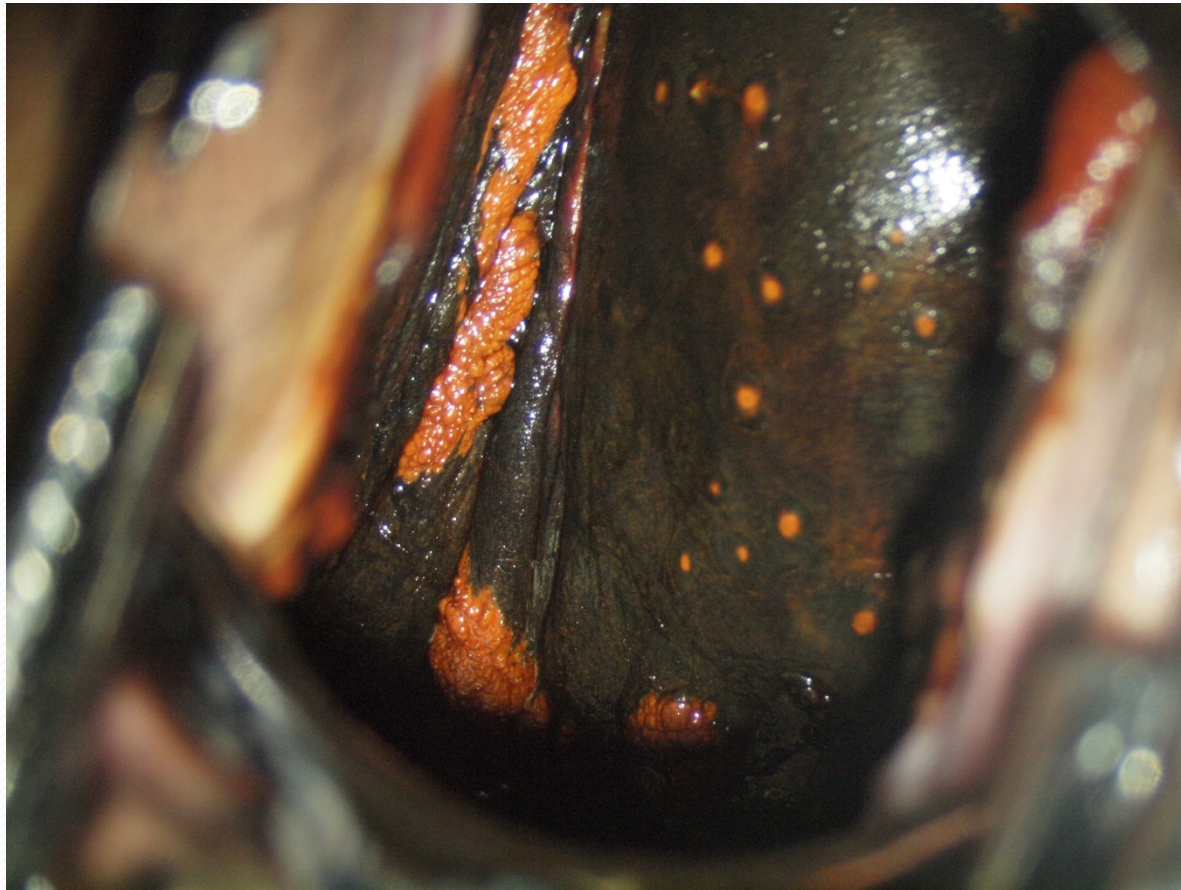
Acetic acid



Acetic acid



Lugol's iodine





Colposcopic diagnosis

VAIN III

Histology

VAIN III



Progress

- Vaginal stripping done
- Vault smear 1 year later: LSIL
- Colposcopy: mild acetowhite lesion in vagina
- Biopsy: HPV
- Vault smear 5 years later: -ve for intraepithelial malignancy



~THANK
YOU~