

# TRAINING FOR DIGITAL CERVICOGRAPHY

Prepared by: SUSAN BANDA, Nurse, CCPIZ

# Course objectives

- Discuss the importance of digital cervicography
- Describe the preparation and procedure for digital cervicography
- Describe commonly-made errors in digital cervicography and how to avoid them
- Describe the training for digital cervicography

# Importance of digital imaging

- Magnification
- Distance consultation
- Patient education
- Quality control
- Medical records

# Basic equipment

- Digital camera
- Macroconverter magnifying lens with Lens Adapter tube
- Memory card(s) for cameras
- Energizer Rechargeable Compact Charger 2500 (NiMH/NiCd)
- Rechargeable AA batteries – 8 or 12
- Television or computer monitor
- Cable for connecting camera to television or computer
- PC Tuner card
- Extension cord/surge protectors
- Computers with external mouse
- Internet source to share images and data electronically (optional)

# Digital camera

- *Add image of digital camera with labeled parts*

# Preparation

- Assemble camera
- Position computer or TV screen
- Position client

# Room set up

- *Add image of camera, pt, tv screen, nurse*

# Digital image procedure

- Turn on camera
- Zoom so that only cervix is visible
- Focus picture
- Take photo



# Examining the image

- View image on camera or television screen
- Zoom for closer inspection\*\*\*\*\*
- Show and explain image to client

# Record findings

- Positive
- Negative
- Indeterminate
- Suspicious for cancer
- Other findings

# Storage of images

- From camera to computer
- Naming of pictures

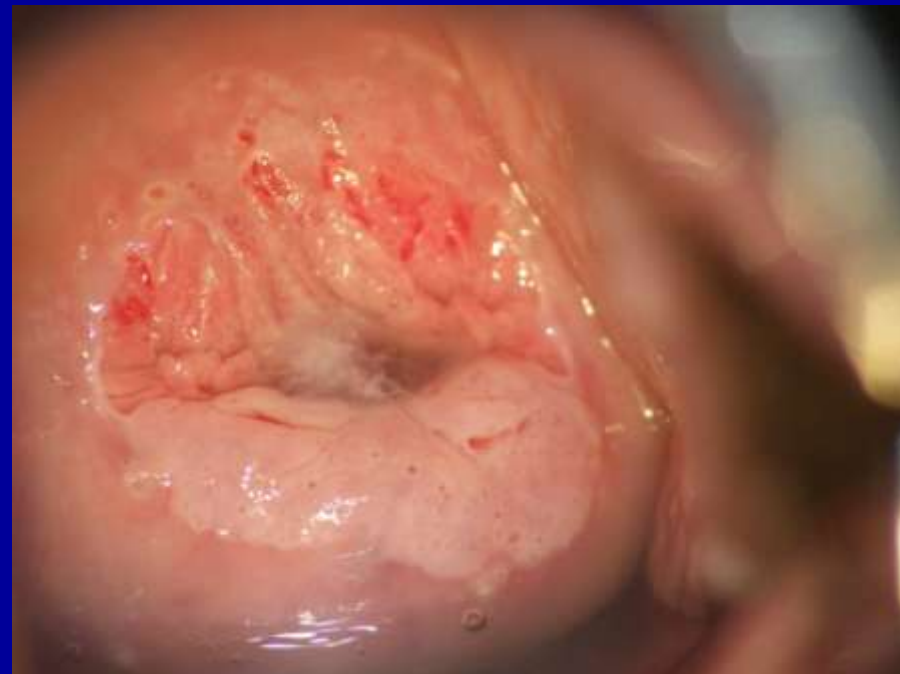
# Distance consultation

- Sending of images with queries to consultant or co-workers via email

# Trouble shooting

- Dark images
- Hazy images
- Orange or dull looking
- Obstructed view of cervix
- Too much speculum on image

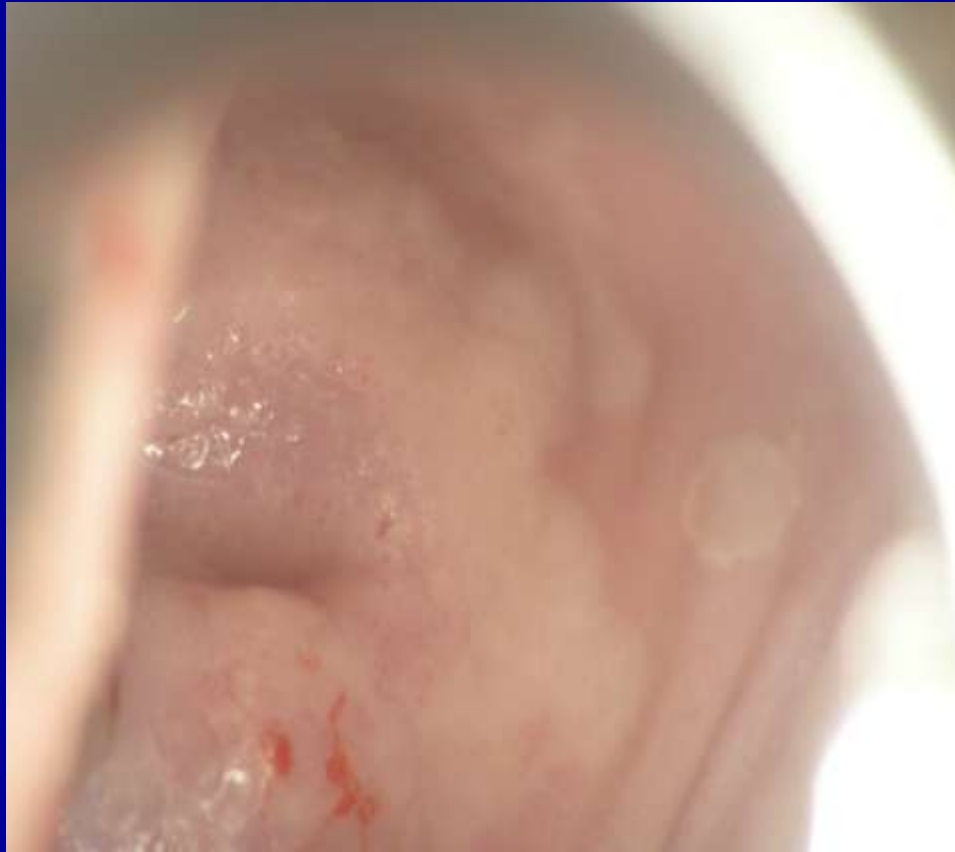
# Good digital imaging



# Unzoomed picture

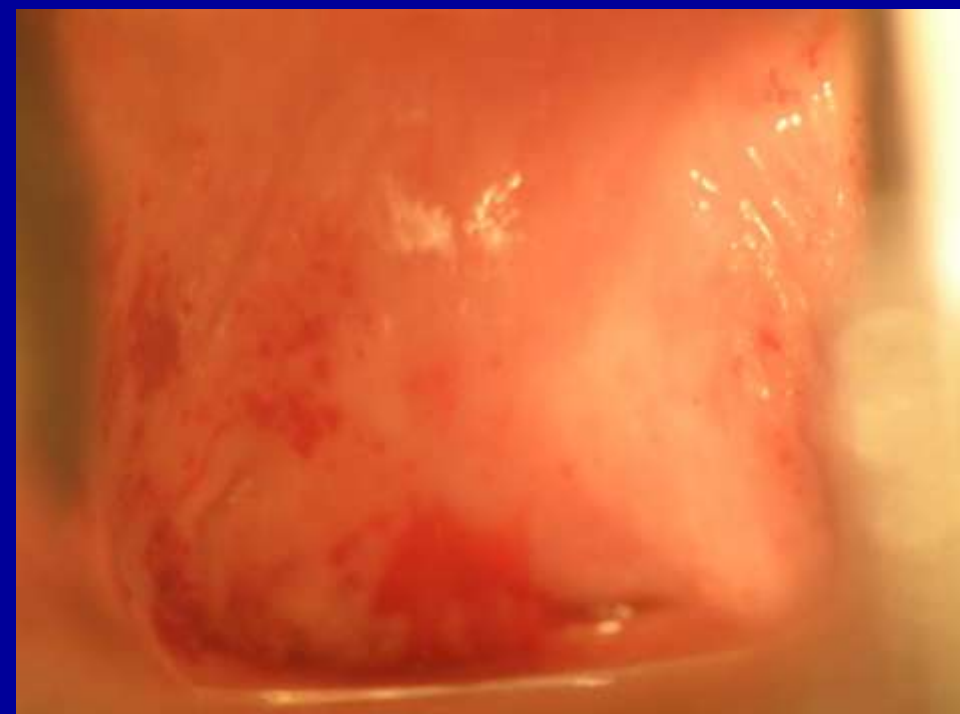


# Shadows





# Dull/Orange pictures

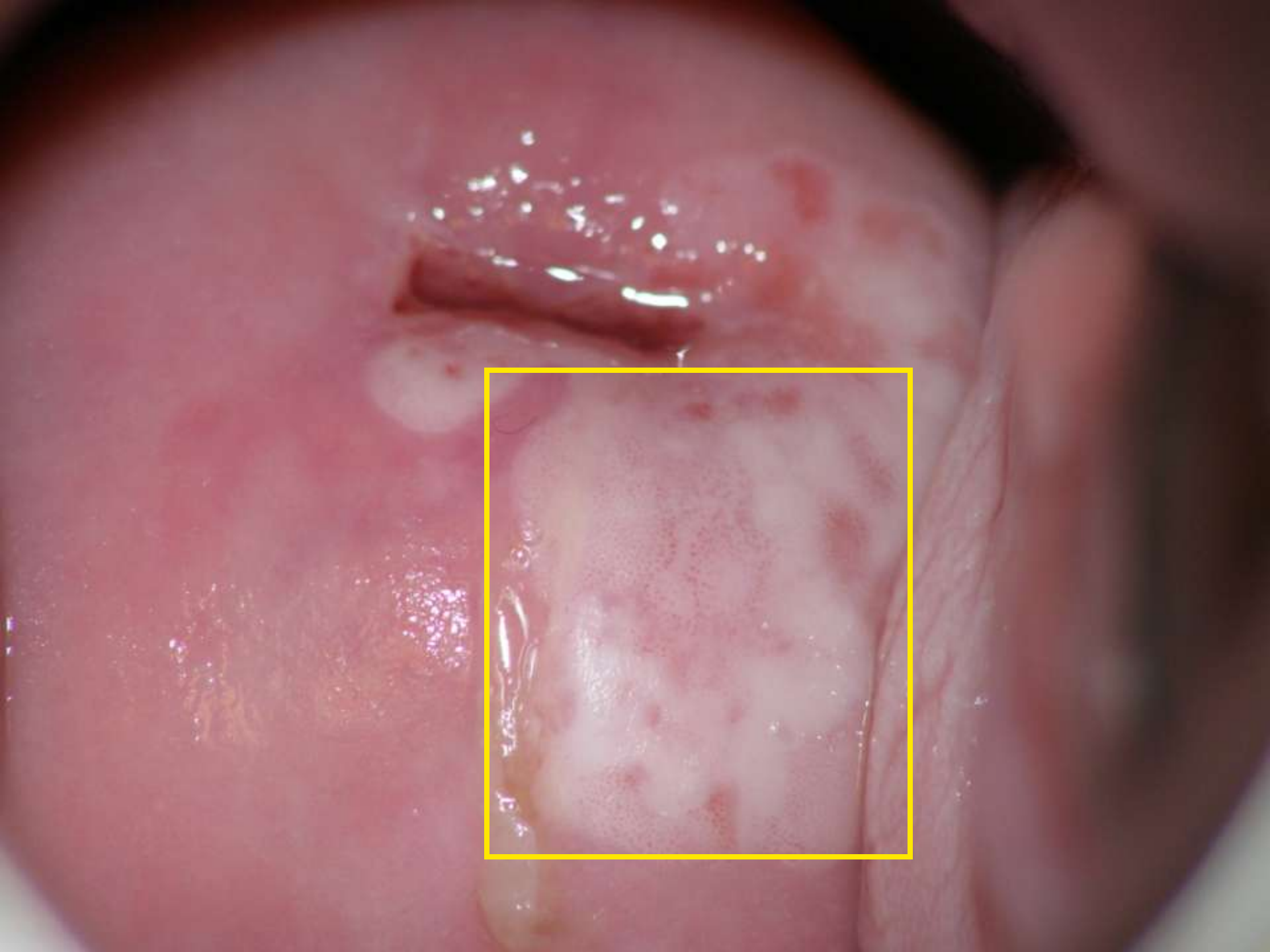


# Obstructed view



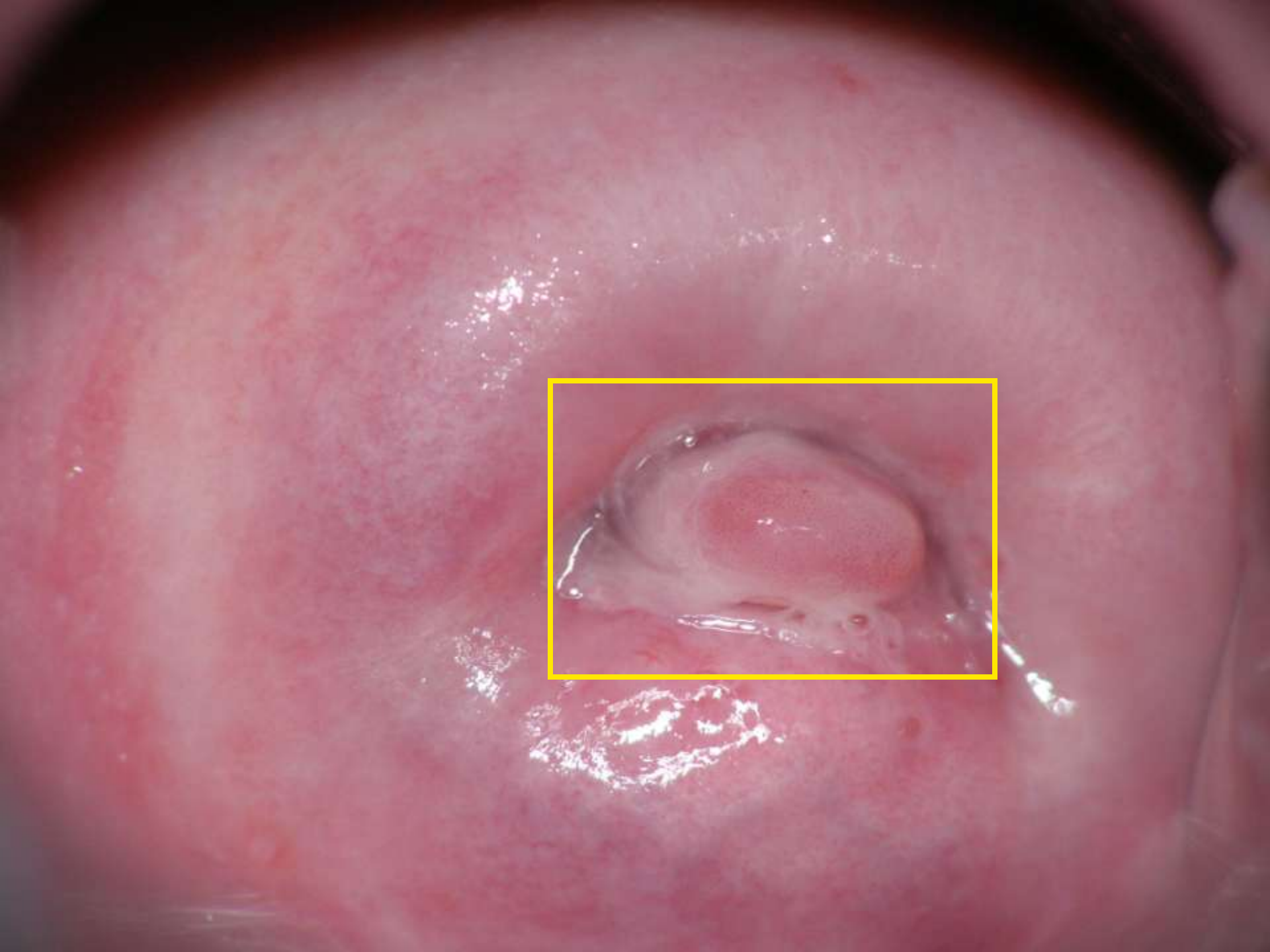
# Bad digital imaging













# Training period

- Observe five pictures being taken
- 2-4 weeks under close observation
- Weekly quality control meetings
- Biannual continuous education meetings



# Evaluation – Page 1 of 2

1. \_\_\_\_\_?

- a.
- b.
- c.
- d.

2. \_\_\_\_\_?

- a.
- b.
- c.
- d.

3. \_\_\_\_\_?

- a.
- b.
- c.
- d.

4. \_\_\_\_\_?

- a.
- b.
- c.
- d.

# Evaluation – Page 2 of 2

5. \_\_\_\_\_?

- a.
- b.
- c.
- d.

6. \_\_\_\_\_?

- a.
- b.
- c.
- d.

7. \_\_\_\_\_?

- a.
- b.
- c.
- d.

8. \_\_\_\_\_?

- a.
- b.
- c.
- d.

# Evaluation Score

- Congratulations!
- You passed this evaluation with a score of \_\_\_\_\_
- Please click on the CERTIFICATE button below to print your certificate. Be sure to print & sign your name before submitting the certificate to your supervisor.

**CERTIFICATE**

“Every woman has the right to live  
a life free from cervical cancer”



# Additional Slides

*(Will discuss with Bianca on  
Monday)*

# How to place a digital photograph in a Microsoft Word document

1. Click on “Insert” at the top of the page.
2. From the dropdown menu, select “Picture”
3. Select “from file”
4. Search for the desired photo and double click or click once and then click on “insert” in the bottom right corner of the window

# Marking areas of question on picture once in MS Word

1. Click on “Insert” at the top of the page.
2. From the dropdown menu, select “Picture”
3. From next dropdown menu, select “Autoshapes”
4. From Autoshapes, select “lines”.
5. From lines, select “freeform”
6. Trace outline of lesion or any areas of concern
7. Type a question or explanation for the referral
8. Save document by patient identification number.

# Sending a reduced photograph size using Microsoft Outlook

1. Open Microsoft Outlook
2. Click on New
3. When cursor is in the body of the message, Click on Insert
4. Select “Insert Picture from a file”
5. Select the picture you would like to send
6. Right click on picture & click on “Format Picture”
7. Click “Compress”
8. Click “OK”
9. Ready to Send