

DETEC Case Studies

Breast Cancer Screening



Case #1

- » Not high risk for breast cancer
- » 4/5/25 - c/o breast lump; CBE shows small, mobile mass in left breast
- » 4/14/25 - Diagnostic mammogram and ultrasound = bi-rads 2
- » Plan is to resume annual screening

Case #2

- » Not high risk for breast cancer
- » 2/3/25 – pt. c/o breast pain, CBE = normal
- » 2/6/25 – diagnostic mammogram and U/S = Bi-rads 4
- » 2/18/25 – stereotactic core biopsy. Pathology shows Ductal Carcinoma In Situ (DCIS)
- » 2/20/25 Enrolled in BCCTP
- » 3/11/25 - lumpectomy

Case #3

- » Not high risk for breast cancer
- » 9/16/24 -No breast symptoms, CBE = normal
- » 10/14/24 -Screening mammogram = Bi-rads 0 , needs more imaging
- » 11/5/24 – Diagnostic mammogram = Bi-rads 0, needs more imaging
- » 12/14/24 – Ultrasound = Bi-rads 3, recommend repeat diagnostic mammogram and U/S in 6 months
- » 6/14/25 – Diagnostic mammogram + U/S = Bi-rads 2
(pt. went to imaging center only, no CBE performed)
- » Return to annual screening

Case #5

- » Not high risk for breast cancer
- » 1/11/25 – no breast symptoms, CBE = normal
- » 1/11/25 – screening mammogram = Bi-rads 4
- » 1/18/25 – you call patient to inform her of her results and schedule a biopsy, but she tells you that she now has insurance and will be seeing another PCP

Case #5

- » High risk for breast cancer
- » 10/1/24 - no breast symptoms; CBE = normal
- » 11/20/24 – Screening mammogram = Bi-rads 0, needs more imaging.
- » Patient misses 3 appointments
- » 3/5/25 - Diagnostic mammogram and ultrasound = Bi-rads 5
- » 3/6/25 – Core biopsy . Pathology shows invasive ductal carcinoma
- » 3/10/25 - Enrolled in BCCTP
- » 3/25/25 - Mastectomy

Case #6

- » Not high risk for breast cancer
- » 2/12/25 - mammogram done at another facility under insurance = Bi-rads 0, needs more imaging
- » Pt loses insurance
- » 3/3/25 – you enroll patient into EWC. No breast symptoms, CBE = normal
- » 3/4/25 – diagnostic mammogram and ultrasound = bi-rads 2
- » Return to annual screening

Case #7

- » High risk for breast cancer
- » 4/2/25 No breast symptoms; CBE = normal
- » 4/3/25 Screening mammogram = Birads 2
- » 4/3/25 Screening MRI = Category 2
- » Recommend annual screening

Cervical Cancer Screening



Case #1

- » Not high risk for cervical cancer
- » Age 40 Previous pap 2019
- » 1/3/24 Routine screening pap/clinician collected HPV (co-test)
 - Pap = LSIL HPV = positive.
- » 1/5/24 Colposcopy with biopsy = CIN 1
- » Plan is to repeat co-test in 12 months
- » 1/4/25 Pap/clinician collected HPV (co-test)
- » All tests negative; return to routine screening

Case #2

- » Not high risk for cervical cancer
- » Age 29 Previous pap 2021
- » 10/3/24 Routine screening pap. Pap is unsatisfactory
- » 1/3/25 Repeat pap = Negative

Case #3

- » Not high risk for cervical cancer
- » Age 31 previous pap 2022
- » 1/3/25 Routine screening pap/clinician collected HPV (co-test)
 - Pap = ASCUS, HPV = positive plan is colposcopy
- » 1/5/25 You call patient, and she tells you she's moving to Arizona next week and can't come back.

Case #4

- » Not high risk for cervical cancer
- » Age 25, no previous pap
- » 8/17/24 Routine screening pap
 - Pap = ASCUS
 - Reflex HPV (clinician collected) = Positive
- » 8/23/24 Colposcopy with biopsy. Results are CIN 2
- » 8/30/24 LEEP
- » Plan is to follow-up with co-test in 6 months
- » 3/4/25 Pap/clinician collected HPV (co-test)
 - Pap = ASCUS, HPV = Positive
- » 3/6/25 Colposcopy with ECC : Results Normal

Case #5

- » Not high risk for cervical cancer
- » Age 38, previous pap 2019
- » 1/12/25 Routine screening pap/clinician collected HPV (co-test)
 - Pap = AGC (without atypical endometrial cells)
 - HPV = negative
- » 1/24/25 Colposcopy with ECC = CIN 1.
 - Endometrial biopsy = negative
- » Plan: co-test at 12 and 24 months

Case #6

- » Not high risk for cervical cancer
- » Age 50, previous pap 2020
- » 1/12/25 Primary hrHPV testing (clinician collected) = Positive
 - HPV Genotyping = negative for HPV 16/18
 - Reflex Pap = Ascus
- » 1/24/25 Colposcopy with ECC = Normal
- » Plan: Primary hrHPV or co-test in 1 year