



HEREDITARY BREAST AND OVARIAN CANCER

•MODERATOR:

•MEHRAN HABIBI, MD, MBA, FACS

ASSOCIATE PROF. OF SURGERY

MEDICAL DIRECTOR, JOHNS HOPKINS BREAST CENTER AT
BAYVIEW

FACULTY

- AFSANEH TEHRANIAN, MD
 - ASSOCIATE PROFESSOR OF GYNECOLOGY, ONCOLOGY AND OBSTETRICS, [TEHRAN UNIVERSITY OF MEDICAL SCIENCES](#)
- KHATEREH MOUSAVI-FATEMI, MD
 - ASSISTANT PROFESSOR OF ONCOLOGY, [TEHRAN UNIVERSITY OF MEDICAL SCIENCES](#)
- KEIVAN MAJIDZADEH, MD
 - PROFESSOR OF CANCER GENETICS, BREAST CANCER RESEARCH CENTER, [MOTAMED CANCER INSTITUTE](#)
-

32 YEARS OLD WOMAN WITH FAMILY HX OF
BREAST CA IN HER MOM (AGE 74) WITH A
3 CM ER/PR NEGATIVE , HER2 NEGATIVE
BREAST CANCER WITH 2/10 NODE POSITIVE

32 years old woman with family Hx of Breast ca in her mom (age 74) with a 3 cm ER/PR negative , Her2 negative breast cancer with 2/10 node positive

- DOES SHE NEED GENETIC TESTING ?
 - WHO DO YOU RECOMMEND TO GET A GENETIC COUNSELING
- WHAT ARE THE CANCERS ASSOCIATED WITH BRCA 1 AND 2 MUTATION?
- RISK REDUCING STRATEGIES
- FERTILITY PRESERVATION CONSIDERATION
- HOW BRCA MUTATION WOULD CHANGE YOUR RECOMMENDATION REGARDING ADJUVANT THERAPY ?
- RISK REDUCING STRATEGIES FOR HER AND FOR HER 27 YEARS OLD SISTER IS ALSO POSITIVE BUT NOT INTERESTED IN RISK REDUCING MASTECTOMY

35 YEARS OLD WOMAN IS FOUND TO HAVE A 2 CM MASS IN BREAST. HER SISTER HAS UTERINE CA AT 47, HER BROTHER: GI HAMARTOMAS. CORE PATH: 2 CM ER/PR NEG, HER2 POSITIVE, 1 NODE POSITIVE BY FNA

35 YEARS OLD WOMAN IS FOUND TO HAVE A 2 CM MASS IN BREAST. HER SISTER HAS UTERINE CA AT 47, HER BROTHER: GI HAMARTOMAS. CORE PATH: 2 CM ER/PR NEG, HER2 POSITIVE, 1 NODE POSITIVE BY FNA

- IF PTEN MUTATION IS POSITIVE, WHAT ARE THE ORGANS WITH INCREASED RISK? WHAT WOULD YOU RECOMMEND FOR HER AND HER FAMILY TO CONSIDER
- WHAT WOULD YOU RECOMMEND FOR HER TX?
- WOULD YOU RECOMMEND ADJUVANT OR NEO ADJUVANT? PROS AND CONS

42-YEAR WOMAN WITH A 3 CM BREAST MASS,
HER BROTHER HAD LEUKEMIA. PATHOLOGY:
TRIPLE NEGATIVE, NODE NEGATIVE

42-YEAR WOMAN WITH A 3 CM BREAST MASS, HER BROTHER HAD LEUKEMIA. PATHOLOGY: TRIPLE NEGATIVE, NODE NEGATIVE

- WOULD YOU RECOMMEND GENETIC COUNSELING AND WHAT WOULD YOU LOOK FOR?
- IF P53 MUTATION IS POSITIVE; PLEASE ELABORATE THE CANCER RISKS ASSOCIATED WITH THIS MUTATION
- IMPLICATIONS FOR P53 POSITIVE MUTATION

QUESTIONS

