Characteristics of BRCA-mutated breast cancer

~5% of all breast cancer patients harbor germline BRCA1/2 mutation[1]

For BRCA1/2 mutation carriers the lifetime risk for developing breast cancer is **~70%**[2]

Out of 10
HER2-negative breast cancer patients with germline BRCA1/2 mutation:



~6/10 may be HR+[3,4]

~4/10 may have TNBC[3,4]

BRCAm breast cancer characteristics

- More aggressive disease[5]
- Patients are diagnosed at younger age[6]
- May have higher risk of recurrence[10]
- More CNS metastases[7]
- Higher mitotic index[9]
- More contralateral/ ipsilateral disease[8]
- Higher rates of advanced disease[9]

BRCA1/2, breast cancer gene 1 or 2; BRCAm, BRCA-mutated; CNS, central nervous system; HR+, hormone-receptor positive; TNBC, triple-negative breast cancer

Test early for BRCA mutations

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