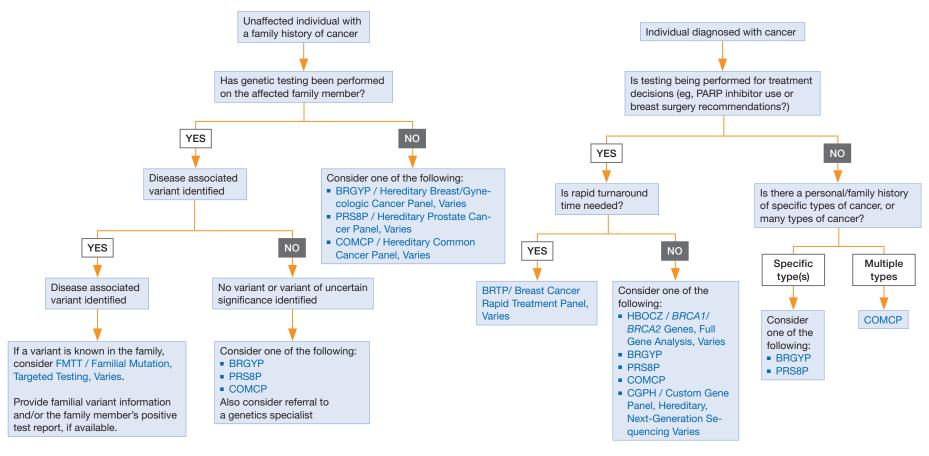


Breast, Gynecological and Prostate Cancer Testing Algorithm



Test ID	Test description
FMTT	Familial Mutation Targeted Testing; Order for individuals with a family member who has previously tested positive. Provide a copy of a family member's positive test result with the specimen.
HBOCZ	Includes BRCA1 and BRCA2 genes
BRTP	Includes 11 genes with high risk for breast cancer and/or recommendations for PARP inhibitor use: BRCA1, BRCA2, CDH1, CHEK2, PALB2, PTEN, STK11, TP53, ATM, RAD51C, RAD51D. This test has a rapid turnaround time and should only be used for patients making time-sensitive, applicable treatment decisions.
BRGYP	Includes 20 genes associated with hereditary breast and gynecological cancer syndromes: ATM, BARD1, BRCA1, BRCA2, BRIP1, CDH1, CHEK2, EPCAM (copy number variants only), MLH1, MSH2, MSH6, NBN, NF1, PALB2, PMS2, PTEN, RAD51C, RAD51D, STK11, TP53
PRS8P	Includes 18 genes associated with hereditary prostate cancer syndromes: ATM, BRCA1, BRCA2, BRIP1, CHEK2, EPCAM (copy number variants only), FANCA, HOXB13, MLH1, MSH2, MSH6, NBN, PALB2, PMS2, RAD51B, RAD51C, RAD51D, and TP53
COMCP	Includes 36 genes associated with common hereditary cancer syndromes: APC (including promoters 1A and 1B), ATM, AXIN2, BARD1, BMPR1A, BRCA1, BRCA2, BRIP1, CDH1, CDK4, CDKN2A, CHEK2, DICER1, EPCAM (copy number variants only), GREM1 (upstream enhancer region duplication only), HOXB13, MEN1, MLH1, MSH2, MSH3, MSH6, MUTYH, NBN, NF1, NTHL1, PALB2, PMS2, POLD1, POLE, PTEN, RAD51C, RAD51D, RET, SMAD4, STK11, and TP53

