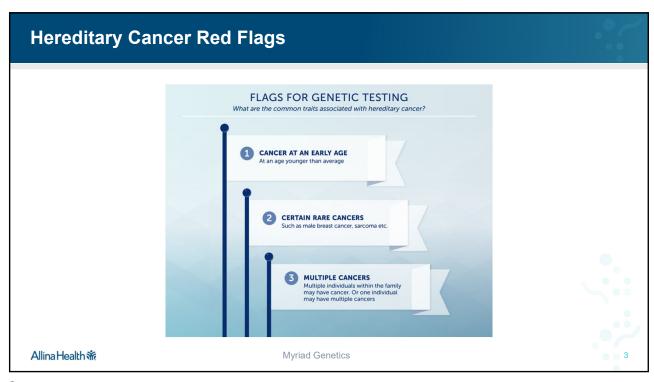
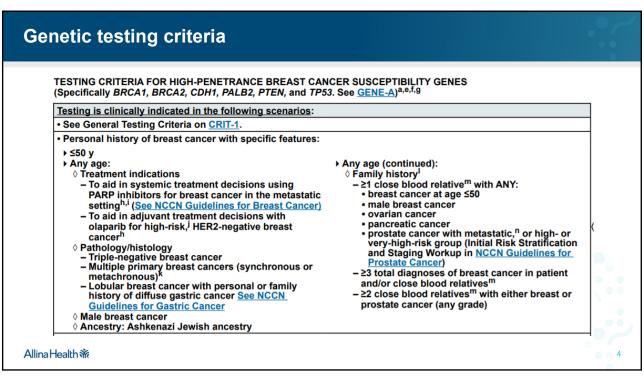
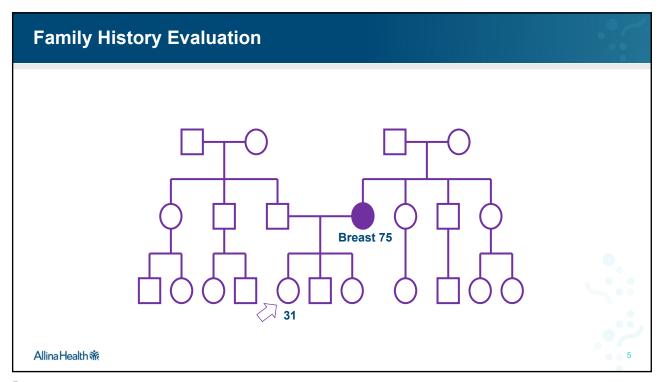


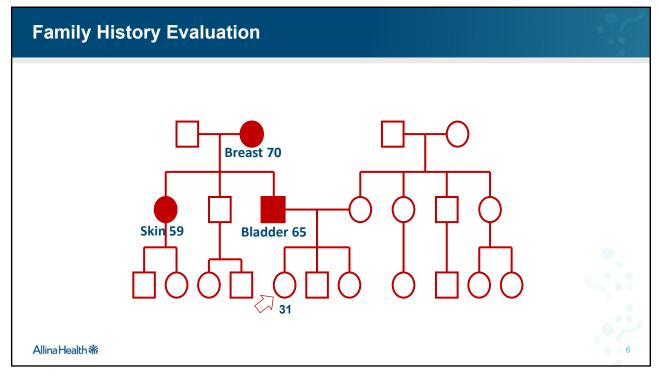
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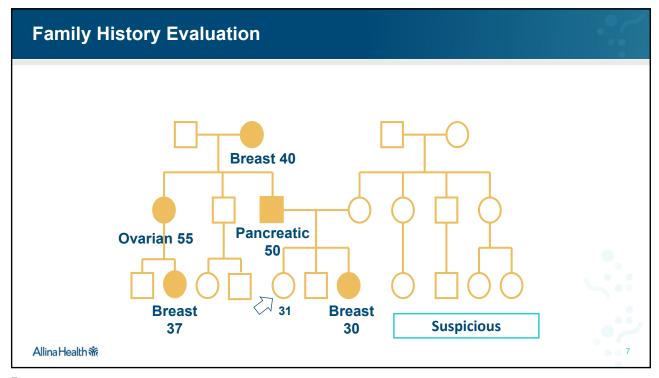


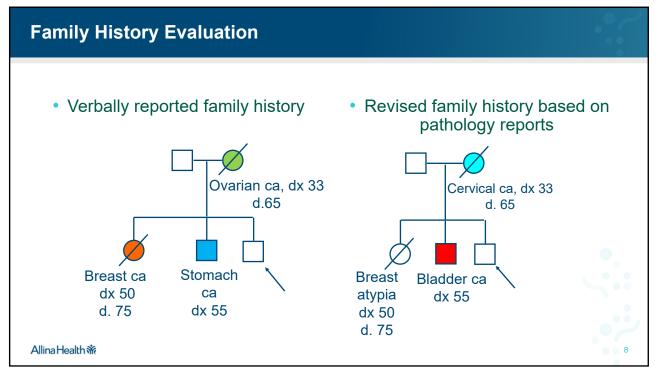
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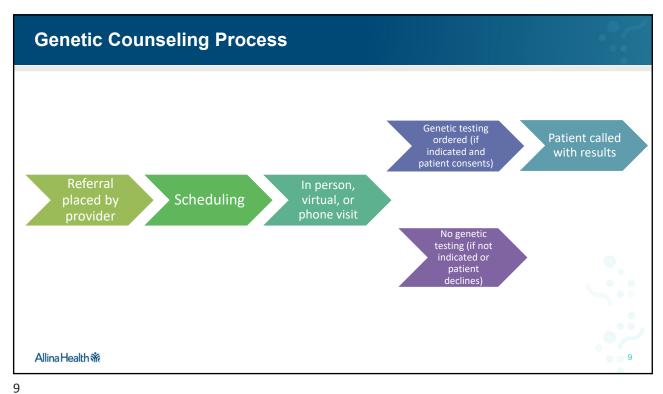


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Genetic Counseling Appointment Risk assessment of personal and family history Education about basic genetics, inheritance, and hereditary cancer syndromes Explanation testing process and insurance coverage Informed consent Interpretation of results based on personal and family history Screening and risk management recommendations Psychosocial support

10

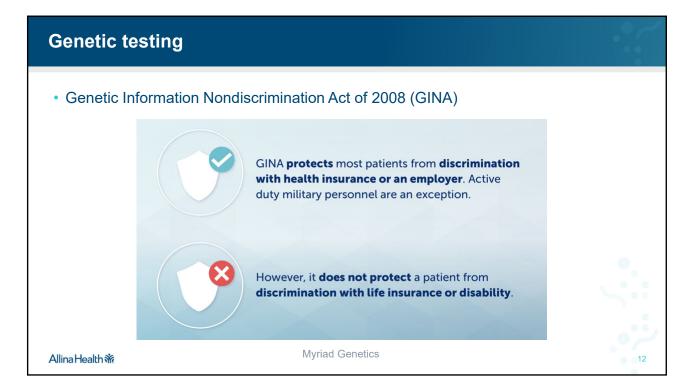
Genetic testing

- Limitations and Risks
 - Unable to screen/prevent all cancers
 - Anxiety/distress
 - Possibility of unclear/unexpected results
 - Positive results with limited information
 - Insurance discrimination

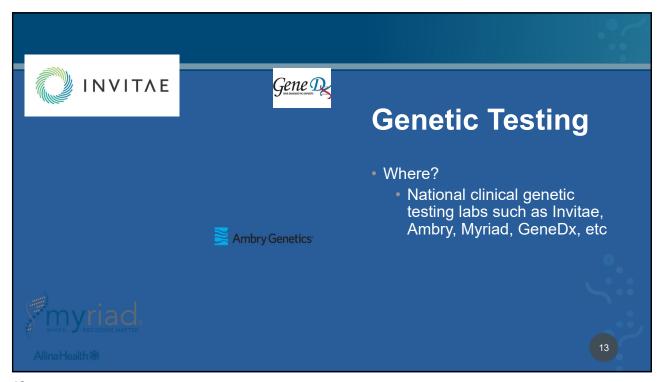
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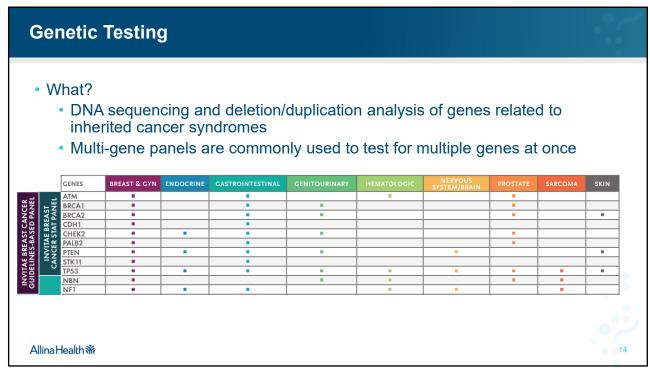
Allina Health %

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12





14

Genetic Testing

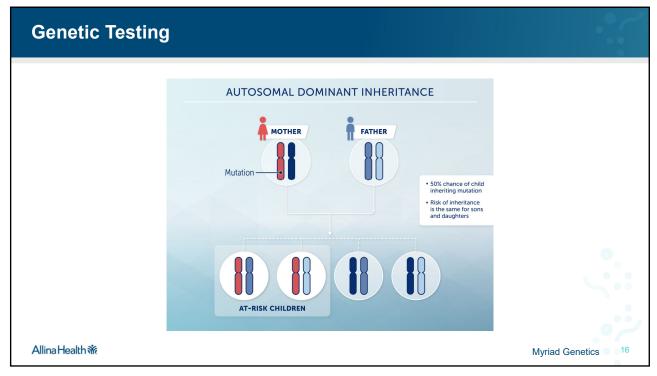
• Why?

Allina Health %

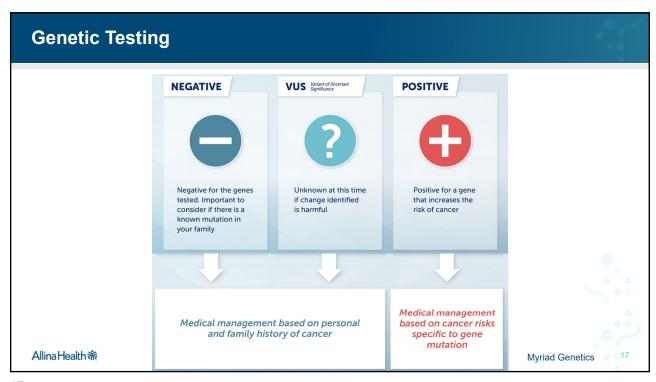
 Guide screening and risk management recommendations for the patient and their relatives

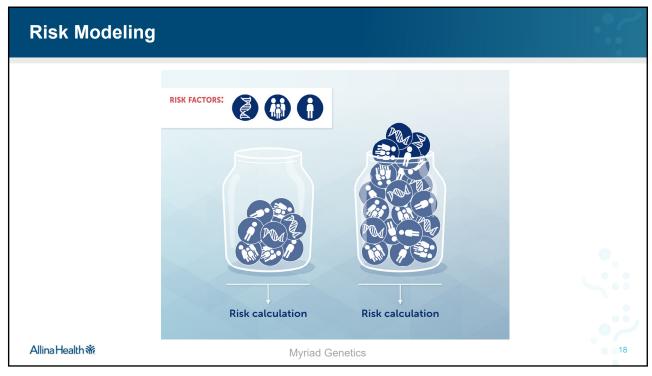
PALB2 gene		
Cancer risk	Associated cancer management	Age to begin management
Breast cancer	Annual mammogram and breast MRI	Age 30
Ovarian cancer	Consider surgery to remove ovaries and fallopian tubes	Age >45
Pancreatic cancer	Annual screening only recommended with fhx of pancreatic cancer	Age 50

15

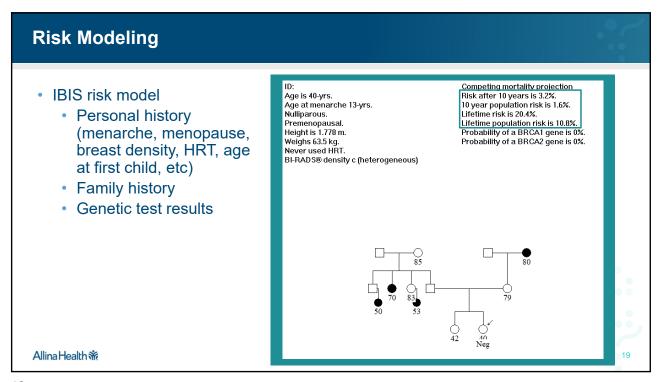


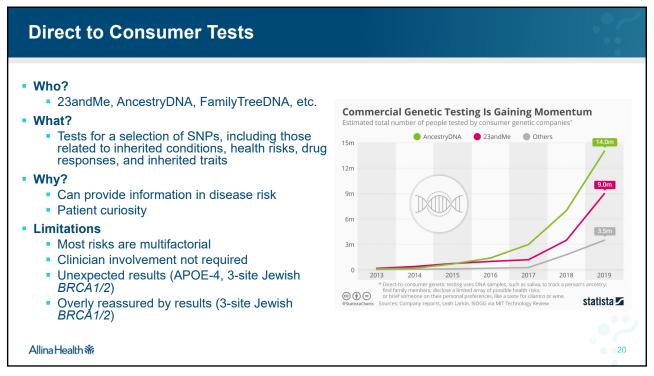
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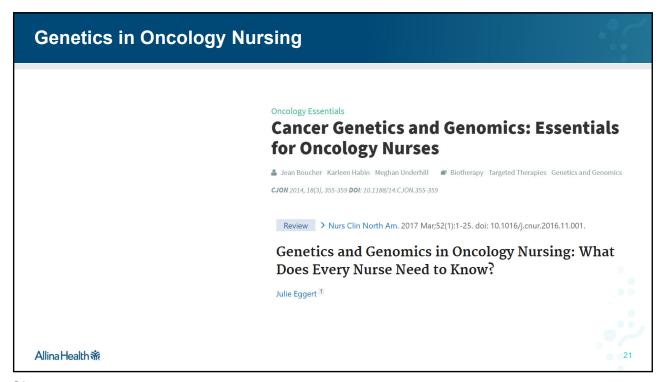


18





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• Genetic testing for hereditary cancer is a complex, ever evolving field • Be careful to clarify when asking a patient "have you had genetic testing?" • Identifying a hereditary cause for cancer in a family can aid prevention/screening for the patient and family members • Genetic counselors are here to help! ③ Allina Health Allina Health 22

22

