

- Indications**
- Family/patient history of early onset cancer
 - Family/patient history of multiple cancer primaries
 - To or more close relatives affected with the same type of cancer
 - Constellation of cancer types associated with a known cancer predisposition syndrome
 - Family/patient history of bilateral cancer in paired organs

- Genetic Counseling**
- Family history assessment
 - Education
 - Risk Evaluation and Management
 - Recommendations
 - Informed consent

Clinically affected family member

Unaffected/At-risk family member

Discuss risks/benefits of genetic testing

No known mutation in family

Known mutation in family

Pursues genetic testing

Clinically affected family member available

Test at-risk family members

Declines genetic testing

Genetic test Negative

Genetic test Positive

Clinically affected family member not available

Genetic test Positive

Genetic test Negative

Screening recommendations based on family and personal history

Follow screening recommendations associated with specific genetic mutation

Consider offering testing to at-risk members

Follow screening recommendations associated with specific genetic mutation

Testing Uninformative

Offer testing to at-risk family members

Genetic test Positive

Genetic test Negative

True Negative Follow screening recommendations for general population

Genetic test Positive

Genetic test Negative

Declines testing

Testing Uninformative

True Negative Follow screening recommendations for general population

Screening recommendations based on family and personal history

