GENETIC ABERRATIONS IMPACT OVARIAN CANCER PROGNOSIS AND TREATMENT DECISIONS

**Genetic Aberrations**
- Germline mutations and somatic mutations
- Genomic instability
- Loss of heterozygosity

**Biomarkers**
- DNA repair gene mutations (e.g., BRCA1/2) and other genes contributing to homologous recombination deficiency may have predictive or prognostic value

**Risk Assessment & Prevention**
- Guidelines recommend genetic risk evaluation for all patients with ovarian cancer

**Molecular Profiling**
- Tumor tissue
- Oncologist
- Pathologist
- Reference lab

**Genetic Counseling**
- Genetic testing results affect prevention strategies and therapeutic decision-making

**Optimize Patient Care**
- Personalized management
- Improve decision-making and patient understanding
- Maximize therapeutic and prevention opportunities

**Personalized Management**
- Improve decision-making and patient understanding
- Maximize therapeutic and prevention opportunities

**References:**

For additional content on this topic, please visit [www.OvarianCancerSpotlight.com](http://www.OvarianCancerSpotlight.com)