

MP.076.MPC – Prophylactic Bilateral Salpingo-Oophorectomy

Maryland Physicians Care considers **Prophylactic Bilateral Salpingo-Oophorectomy (PBSO)** medically necessary for the following indications:

1. PBSO is considered medically necessary for select individuals at high risk of inherited ovarian cancer when the member meets one of the following:
 - a) The member has a positive BRCA1 or BRCA 2 genetic test (refer to PA-055 Molecular Susceptibility Testing for Breast and Ovarian Cancer) or has been diagnosed with a hereditary ovarian cancer syndrome based on a family pedigree constructed by a provider competent to determine the presence of an autosomal dominant inheritance pattern; OR
 - b) There are two first degree relatives (i.e., parent, sibling or child of the individual) with a history of epithelial ovarian cancer or breast cancer OR
 - c) There is one first degree relative and one or more second degree relatives with epithelial ovarian cancer OR
 - d) The member has a personal history of breast cancer and at least one first degree relative with epithelial ovarian cancer OR
 - e) There are two or more second degree relatives with history of ovarian cancer or breast cancer; OR
 - f) The member has a personal history of estrogen receptor positive, premenopausal breast cancer
2. PBSO shall be considered for coverage in Hereditary nonpolyposis colorectal cancer (HNPCC), also known as Lynch syndrome when a prophylactic hysterectomy is performed in these cases. Prophylactic hysterectomy is considered medically necessary when performed with bilateral oophorectomy for those who have been diagnosed with HNPCC, found to be carriers of HNPCC Page 1 of 9 Medical Coverage Policy: 0026 associated mutations, or are members of HNPCC families as determined by a pattern of occurrence of HNPCC-related cancers.

The decision to perform PBSO should not be based only on age; it should be a highly individualized decision that considers several patient factors and choices. Hormone replacement therapy could be considered for women undergoing PBSO and patients should

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be counseled about the risks and benefits of hormone replacement therapy prior to undergoing surgery.

For women with BRCA1 or mutations, risk-reducing PBSO should be offered after the completion of childbearing and only deferred beyond the early 40s following a careful discussion of the risk and benefits.

In individuals with a personal or family history suggestive of an inherited predisposition to breast and ovarian cancer who have not had genetic testing or who have undergone genetic testing and have not had a deleterious BRCA1 or BRCA2 mutation identified, less information is available regarding the relative risks and benefits of PBSO. These individuals are best managed by a multidisciplinary team of gynecologists, gynecologic oncologists, and geneticists experienced in the care of women at inherited risk for cancer.

Limitations

1. Genetic testing of a non-covered family member of the member for the sole purpose of obtaining non-related genetic information is not covered
2. Occasionally, blood or tissue samples from other non-covered family members are required to provide the medical information necessary for the proper medical care of a member. Molecular-based testing for BRCA and other specific heritable disorders in non-members is **covered** when **all** of the following conditions are met:
 - The information is needed to adequately assess risk in the member
And
 - The information will be used in the immediate care plan of the member
And
 - The non-covered family member's benefit plan (if any) will not cover the test and the denial is based on specific plan exclusion

See Also:

PA-055 Molecular Susceptibility Testing for Breast and Ovarian Cancer

Background

Prophylactic bilateral oophorectomy is a surgical procedure that removes both ovaries. The goal of this surgery is to reduce the risk of ovarian, fallopian tube, and peritoneal cancers, particularly for those women who are at high risk. This procedure can be done at the same time as the removal of the fallopian tubes during a hysterectomy. Risk

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factors can include family history of breast or ovarian cancer and/or the presence of mutations in the BRCA1/2 gene.

Approximately 5-10% of all inherited cases of breast and ovarian cancers are associated with mutations in the BRCA1/2 genes. According to the American College of Obstetricians and Gynecologists (ACOG), ovarian cancer has the highest mortality rate out of all types of gynecologic cancer and is the 5th leading cause of cancer deaths among women.

Ovarian cancer is the fifth leading cause of cancer death among women in the United States and has the highest mortality rate of all gynecologic cancers. Ovarian and breast cancer are components of several inherited cancer syndromes including familial site-specific ovarian cancer; hereditary breast/ovarian cancer; and Lynch syndrome, which is a combination of breast, ovarian, endometrial, gastrointestinal, and genitourinary cancers.

Definitions:

First-degree relative	Parent, sibling or child of an individual
Second-degree relative	Grandparent, aunt, uncle, half-sibling, niece, nephew or grandchild of an individual
Third degree relative	Great-grandparent, great-uncle, great-aunt, first cousin, grand-niece, grand-nephew, or great-grandchild of an individual
Breast cancer	Invasive breast cancer or ductal carcinoma in situ
Ovarian cancer	Epithelial ovarian cancer

Codes:

CPT Codes / HCPCS Codes / ICD-10 Codes	
Code	Description
CPT Codes	
58720	Salpingo-oophorectomy, complete or partial, unilateral or bilateral (separate procedure)
58940	Oophorectomy, partial or total, unilateral or bilateral.
ICD-10 codes covered if selection criteria are met:	
C56.1-C56.9	Malignant neoplasm of ovary
C57.00-C57.02	Malignant neoplasm of fallopian tube

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C57.10-C57.12	Malignant neoplasm of broad ligament
C57.20-C57.22	Malignant neoplasm of round ligament
C57.3	Malignant neoplasm of parametrium
C57.4	Malignant neoplasm of uterine adnexa, unspecified
C57.7-C57.9	Malignant neoplasm of other specified female genital organs, overlapping sites of female genital organs, and female genital organs unspecified
C79.60-C79.62	Secondary malignant neoplasm of ovary
D27.0-D27.9	Benign neoplasm of ovary
D39.10-D39.12	Neoplasm of uncertain behavior or unspecified ovary
N83.0-N83.9	Non-inflammatory disorders of ovary, fallopian tube, and broad ligament
N94.89	Other specified conditions associated with female genital organs and menstrual cycle
O00.0-O00.9	Ectopic pregnancy and other ectopic pregnancy
P01.4	Newborn (suspected to be) affected by ectopic pregnancy
Z40.00	Encounter for prophylactic removal of unspecified organ
Z40.02	Encounter for prophylactic removal of ovary
Z40.09	Encounter for prophylactic removal of other organ

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