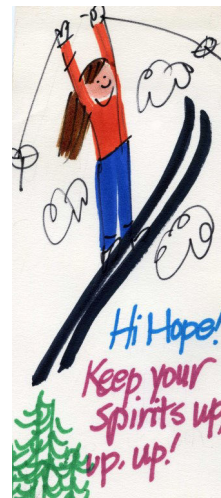
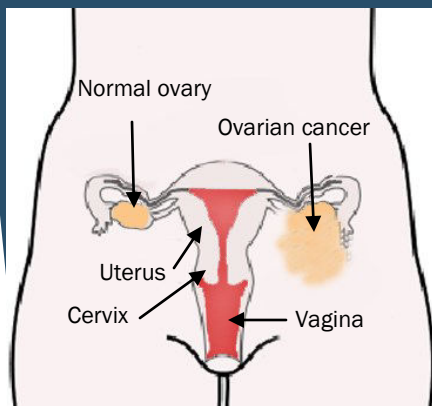


## **KEY POINTS**

- Ovarian cancer occurs when malignant cancer cells form in the ovary.
- The ovaries are found in the pelvis and lie along both sides of the uterus. Each one is about the size and shape of an almond.
- The ovaries are the organs which produce both eggs and female hormones.
- Symptoms of ovarian cancer are as follows: pelvic fullness, pain, bladder frequency, pain with urination, stomach complaints, and sudden abdominal pain.



***You Are Not Alone***



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## **Ovarian Cancer in Children and Adolescents**



**Childhood Gynecologic Cancer Association**

[www.cgynca.org](http://www.cgynca.org)

## More About Us

The Childhood Gynecologic Cancer Association is a registered 501 (c)3 non-profit organization helping patients and families affected by vulvar, vaginal, cervical, uterine or ovarian cancer. Education is of utmost importance, for patients and families as well as for health care providers.

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## OVARIAN CANCER

- There are three main types of ovarian tumors which occur in children:

**GERM CELL TUMORS** account for 70% of malignant ovarian tumors (these start in the egg cells of girls)

**EPITHELIAL TUMORS** account for 25% (these are tumors that start in the tissues covering the ovaries)

**SEX-CORD STROMAL TUMORS** account for 5% (these are tumors that begin in the tissue that surrounds and supports the ovaries)

- Overall, the five year survival rate for this cancer is 91.7%. Over ten years the survival rate is 91.4%.
- There are seven different categories of malignant (cancerous) germ cell tumors. These include:
  - Immature teratomas
  - Dysgerminomas
  - Endodermal Sinus Tumors
  - Embryonal Cell Carcinomas
  - Choriocarcinomas
  - Polyembromas
  - Mixed Germ Cell Tumors

- Symptoms of Ovarian Cancer are as follows:

Painful Menstrual Periods

Feelings of Pelvic Fullness

Urinary (Bladder) Frequency

Dysuria (Painful Urination)

Swelling in the Abdomen

Sudden Pain in Abdomen

Digestive (Stomach) Complaints

- Testing for Ovarian Cancer may include a physical exam, an ultrasound, a CT Scan, and blood work.
- Treatment for malignant germ cell tumors of the ovaries:

If only one ovary is involved, doctors will remove the malignant ovary and maybe the fallopian tube, leaving the unaffected ovary. This treatment is called a unilateral salpingo-oophorectomy. Chemotherapy is often used with this treatment.

If both ovaries are involved, they will both be removed but the uterus may be kept in place for future pregnancy options.

