Hormones regulate some of our body’s most important functions, such as metabolism and sexual development. When your hormonal balance is off, negative effects can occur—sometimes leading to cancer.

Visit hormone.org for more information.

**YOUR HORMONES & CANCER**

**THYROID CANCER**
- **Associated organ/gland:** Thyroid, pituitary gland
- **Related hormones:** Triiodothyronine (T3), thyroxine (T4), thyroid stimulating hormone (TSH)

Nearly two out of three cases of thyroid cancer are diagnosed in people younger than age 55. About 2% of cases occur in children and teens.

**BREAST CANCER**
- **Associated organ/gland:** Ovaries
- **Related hormones:** Estrogen, progesterone

Breast cancer is the most common type of cancer in U.S. women, regardless of race or ethnicity.

**PROSTATE CANCER**
- **Associated organ/gland:** Prostate, testes
- **Related hormones:** Testosterone, androgen

In 2014, there were an estimated 233,000 new cases of prostate cancer, making it the leading type of new cancer cases in U.S. men.

**BONE CANCER (OSTEOSARCOMA)**
- **Associated organ/gland:** Pituitary gland
- **Related hormone:** Growth hormone

Most cases occur between ages 10 and 30, with teens being most commonly affected. About 10% of all osteosarcomas occur in people over age 60.

**OVARIAN CANCER**
- **Associated organ/gland:** Ovaries, uterus, fallopian tubes
- **Related hormones:** Estrogen, progesterone

About 90% of women who get ovarian cancer are older than age 40, with the greatest number of cases occurring in women age 60 or older.
You have questions. We have answers.
The Hormone Health Network is your trusted source for endocrine patient education.
Our free, online resources are available at hormone.org.

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