

**Cancer Treatment Surgery** Physical removal of the tumor, often combined with other therapies in solid tumors.

**Chemotherapy** Systemic administration of cytotoxic drugs that target rapidly dividing cells. □  
Examples: cisplatin, doxorubicin, cyclophosphamide.

**Radiotherapy** Use of ionizing radiation to kill or damage cancer cells in a localized field. □ Includes external beam radiation, stereotactic radiosurgery, brachytherapy.

**Immunotherapy** Activation or modulation of the immune system to recognize and destroy cancer cells. □ Examples: checkpoint inhibitors (anti-PD-1, anti-CTLA-4), CAR-T cells.

**Targeted Therapy** Drugs designed to interfere with specific molecular targets involved in tumor growth or angiogenesis. □ Examples: EGFR inhibitors, VEGF inhibitors (bevacizumab), BRAF inhibitors.

**Hormonal Therapy** Used in hormone-sensitive cancers (e.g., breast, prostate) to block hormonal stimulation of tumor cells. □ Examples: tamoxifen, aromatase inhibitors, androgen deprivation therapy.

**Hematopoietic Stem Cell Transplantation (HSCT)** Used mainly in hematologic malignancies, often after high-dose chemotherapy or radiotherapy.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

[https://neurosurgerywiki.com/wiki/doku.php?id=cancer\\_treatment](https://neurosurgerywiki.com/wiki/doku.php?id=cancer_treatment)

Last update: **2025/06/19 05:07**

