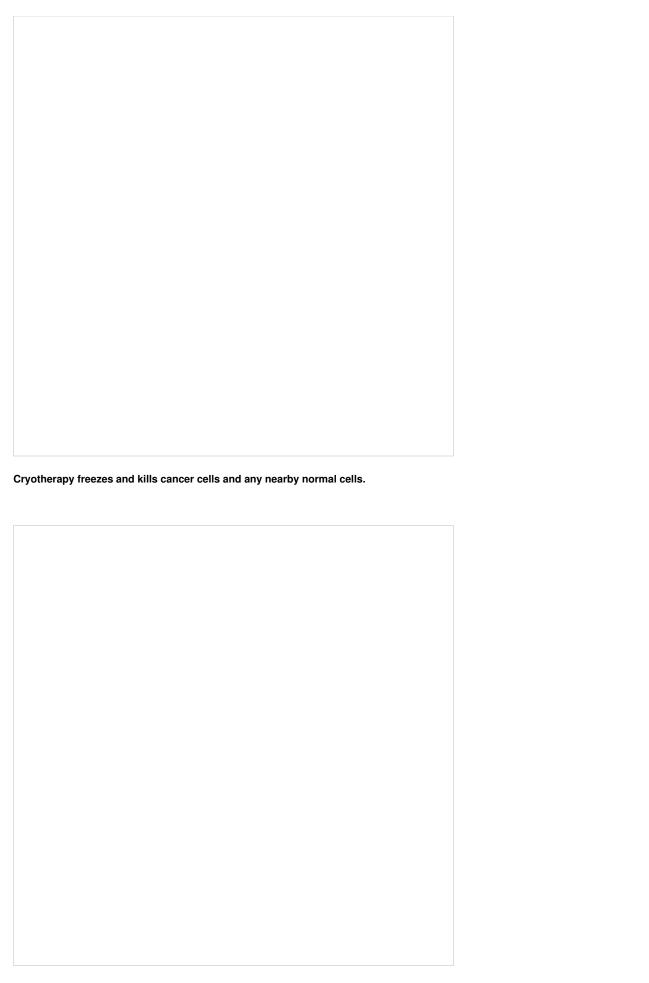
## **Cryotherapy (Cryoablation)**

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Cryotherapy or cryoablation (Cryo is from the Greek for frost or extreme cold. Ablation refers to removal or elimination.) is the use of extreme cold to kill tumor cells. A probe containing an extremely cold fluid is placed inside/on the area to be treated and the tumor (or abnormal growth) is frozen. Cryotherapy can be performed during a open (fully invasive) surgery or the probes can be inserted through the skin in a minimally invasive procedure. The liquid does not enter the tumor, but the rod is cold enough to freeze the tumor.



Cryotherapy is used to treat several different pre-cancerous and cancerous conditions, including: kidney cancer  $\underline{\underline{1}}$  lung cancer  $\underline{\underline{1}}$ , esophageal cancer  $\underline{\underline{3}}$ , liver cancer  $\underline{\underline{4}}$ , cervical intraepitheal neoplasia (CIN) prostate cancer  $\underline{\underline{6}}$ , retinoblastoma  $\underline{\underline{7}}$  and skin neoplasms  $\underline{\underline{8}}$ .

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