

Source:**1 | Benign tumor**

1.1 | a tumor that is not dangerous/cancerous

1.1.1 | not spreading or growing too fast

2 | Carcinogenesis

2.1 | causing a cancerous mutation

2.2 | typically an environmental compound

2.3 | **TODO** what does ionizing radiation have to do with this causing molecular level structural damage and thus cancer? question

3 | in situ cancer

3.1 | growing where it started (not moving)

3.2 | in contrast to metastatic cancer

4 | metastatic cancer

4.1 | cancer gains the ability to invade new tissues

5 | invasive cancer

5.1 | cancer that impacts the function of the organ or goes somewhere new

5.2 | a cancer can be invasive but not metastatic

6 | oncogenesis

6.1 | the creation of cancer (after the mutation)

7 | mutagenesis

7.1 | the mutation of a gene that might cause cancer