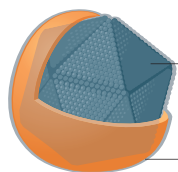




## Small wonders

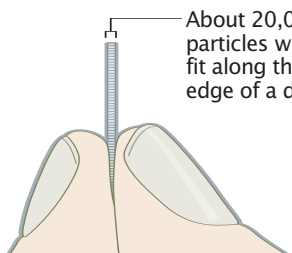
The nanoXray™ technology developed by Nanobiotix uses miniscule particles to dramatically improve the efficiency of radiation therapy in the treatment of cancer.

### A tiny device



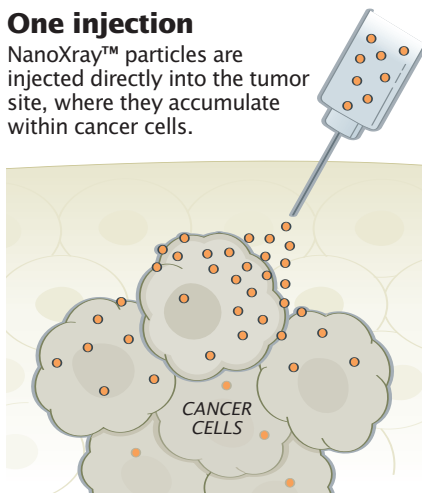
The nanoXray™ particle is made of a *nanocrystal* (dense, highly organized core) surrounded by a *thin amorphous coating*.

About 20,000 particles would fit along the edge of a dime.



### One injection

NanoXray™ particles are injected directly into the tumor site, where they accumulate within cancer cells.



### Turned on

The particles function only when “turned on” by outside X-rays during radiation therapy.

1 X-ray energy is highly absorbed by the particle, due to its *heavy oxide core*.

2 Electrons and free radicals produced by the physical reaction damage the cell's DNA and structures, leading to death of the cell.

