Nuclear Medicines

and

Applications

[](https://www.google.com/imgres?imgurl=http://upload.wikimedia.org/wikipedia/en/7/79/Nuclear_Medicine.png&imgrefurl=http://en.wikipedia.org/wiki/File:Nuclear_Medicine.png&h=377&w=377&tbnid=f69zH_skn05p2M:&zoom=1&docid=hEeJDoxk7FNsfM&hl=en&ei=7gwvU6apFOP50gGE34CYBQ&tbm=isch&ved=0CKABEIQcMBI&iact=rc&dur=729&page=2&start=12&ndsp=22)

By – Sam Leonard

Teletherapy

Teletherapy is when a strong beam of radiation goes into the doctor’s patient. This is usually used on the patient’s cancerous tissues.

[](http://www.google.com/url?sa=i&source=images&cd=&cad=rja&uact=8&docid=2Ss5xvNQJzc1iM&tbnid=un9u9nB0NRSQ6M:&ved=0CAgQjRw&url=http://www.barc.gov.in/technologies/cobalt/cobaltad.html&ei=3Q8vU4mVK-e70gGmpoC4Cg&psig=AFQjCNF4nT-wiOWRPnEsVaHHwNDIyscQsA&ust=1395679581779299)

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Brachytherapy

This is one of the least powerful use of radioactivity. It’s used near or next to any cancerous tissues in the body.

Therapeutic Nuclear Medicines

A lot of radioactive materials are put into the patient by injection or swallowing. Doctors use radioactive iodine to get rid of or make the area smaller.

[](http://www.google.com/url?sa=i&source=images&cd=&cad=rja&uact=8&docid=GiwhEA519fXBvM&tbnid=5hHbTCsjmxiMZM:&ved=0CAgQjRw&url=http://www.drugdiscoverytoday.com/view/30142/terbium-a-new-swiss-army-knife-for-nuclear-medicine/&ei=lhYvU_eQCYS30AG1pIHACg&psig=AFQjCNFWApmQ8bbcFprRdPCBnsSb2pb2RQ&ust=1395681302224301)

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