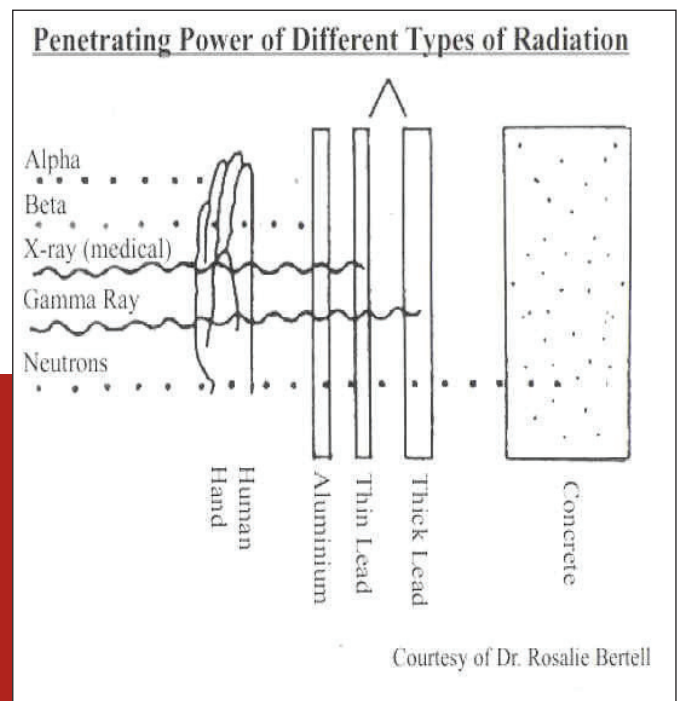


This graph illustrates the chain reaction of radioactive particles in the environment. It demonstrates how food and land contamination can have far reaching effects it can have on the human population of contaminated areas.



This graph shows how different radioactive particles penetrate a different range of material from a human hand to concrete.

Many radioactive elements appear to have the same composition as the natural and vital minerals that our bodies need. For example:

Plutonium is the most toxic substance man has ever produced, and it does not exist in nature. The body treats it as iron, due to the chemical similarity. It gets distributed by the blood system to feed growing cells. It can cause a variety of cancers and blood disorders.

Caesium 137 is mistaken by the body as potassium, which is needed by every living cell. It then concentrates in the muscles.

Iodine 131 is absorbed by the thyroid gland, which cannot determine whether it is natural or radioactive iodine. The thyroid gland makes important hormones to help the body function. Iodine 131 causes cancer and other disorders in the thyroid gland.

Strontium 90 – The body is fooled into accepting this element as calcium. It gets distributed throughout the bone structure and can cause leukaemia and a number of cancers, along with numerous other health problems.

This is a list of the radioactive elements and the effects they can have on the human body. These elements are naturally absorbed by the body as it mistakes them for natural vital minerals.