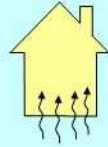
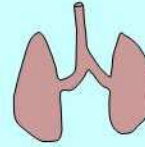


Pocket Radon Information

The Risk

Radon is a radioactive natural gas, which you cannot see, smell or taste. It becomes dangerous to humans when inhaled. The more radon you inhale, the greater the risk is. The alpha particles that emanate from the radioactive decay can destroy the contents of the cells in your breathing organs. In the long run, this can result in lung cancer, which still is the deadliest type of lung cancer. If you are smoking, the combined risk is essentially higher.



Sources

The main sources of indoor radon are the soil, well water and building materials. In some areas, there can be a higher risk for radon depending on the natural conditions, but there is no guarantee for a low content anywhere. In most cases, radon comes from the soil, and then there is generally a higher level of radon below ground and in the lower floors of buildings. If the building material or well water is the source, enhanced radon levels can be found in proximity to the radon sources.

Limits

The maximum allowed radon gas limit for indoor air depends on which country you live in. The United States protect their citizens with a good environmental program and the limit above which fixing your home is recommended, is 4 pCi/L, which is the same as 150 Bq/m³.