

MRI vs NMR



Ask Mish

- **nuclear** is a word that general population associates with radioactivity
- **Magnetic resonance imaging (MRI)** is a technique based on a physics' phenomenon called **nuclear magnetic resonance (NMR)** which was first described in the 1930-1940ties.
- The basic principle of NMR refers to interaction of **atomic nuclei (protons)** with **radio frequency energy** and a **strong magnetic field**.