Radiation is now being commonly used for not only imaging engineering equipment but human body also. Use of medical x-ray for static imaging in different disorders in human body is very common and being used for several decades now.

Use of radionuclide imaging for functional imaging for various disorders in human body has gained lot of attention in the recent times. Single photon Emission Computed Tomography (SPECT) as well as Positron Emission Tomography (PET) are extremely powerful tools in helping the clinicians in correctly diagnosing the diseases. The talk will cover details of these modalities and their usefulness.