



What are X-Rays?

high frequency, short wavelength electromagnetic waves

Medical Diagnosis

pass though healthy tissue

absorbed by denser materials such as bone

they expose photographic film

can be used to diagnose medical problems

bone fractures or dental problems



high doses can kill living cells

need to carefully focused

so they don't kill normal cells

x-rays focused on the tumour

beam is rotated around the patient

with the tumour at the centre