



DistanceLearningCentre.com

Unit Information

Unit: Medical Uses of Radioisotopes
Level: 3
Credit Value: 3

What you will study:

You will learn about radioactive isotopes of an element and their properties. You will learn to identify alpha, beta and gamma products of decay, including the decay rates, half-life and health hazards of ionising radiation. It will cover the uses of radioisotopes in nuclear medicine, such as PET scanning and on tumours. You will also learn about the effects of radiation on living cells and damage that can occur by radiation to germline cells in reproductive organs.

How you will be assessed:

1. You will complete a number of short answer questions.