



NTP RADIOISOTOPES SOC LTD

a South African company, is a world leader in the production of nuclear medicine related products that are supplied to local and international markets.

Nuclear Medicine FAST FACTS

In the time that it takes you to read this, more than

200 PEOPLE

in the world will have undergone a nuclear imaging scan!



Nuclear medicine procedures (diagnosis and treatment) are painless.

To diagnose disease, special cameras, known as PET, SPECT or gamma cameras, are used to

TAKE PICTURES OF THE BODY

to provide information about the **functioning** of every organ and system in the body.



Nuclear imaging procedures are amongst the

SAFEST DIAGNOSTIC IMAGING examinations that are available.



Our bodies are naturally designed to deal with exposure to radiation provided we do not exceed certain safe limits.

Every second there is more than one nuclear imaging procedure taking place in the world.

1 sec



**GLOBALLY
ABOUT 40
MILLION**

nuclear medicine procedures
are conducted annually...



20%

...of these are performed using
products supplied by NTP.

Nuclear medicine uses

MINUTE QUANTITIES

of radiation, in the form of
radiopharmaceuticals, to diagnose
medical conditions and to treat them.



The camera detects the
radiopharmaceutical and presents an
image of the organs of the body on a
computer screen linked to the camera.

The radiation exposure from nuclear medicine procedures is
often less than that of a traditional x-ray and is therefore

SAFE FOR ADULTS AND CHILDREN

**10 000 +
HOSPITALS**



throughout the world use
radioisotopes in medicine.

**1 OUT OF 2
PATIENTS,**



in developed countries, now
undergo nuclear imaging.



Nuclear imaging allows for

EARLY DIAGNOSIS

and accurate and prompt treatment and
therefore greatly increases the chances of
saving and enhancing lives.

NTP

Actively enhancing life



NTP Radioisotopes SOC Ltd

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