



## Royal Hospital Nuclear Medicine Department

### Gastrointestinal (G.I) bleeding Scan

#### Patient Information Sheet

#### How Nuclear Medicine Works?

Nuclear Medicine exams can help to assess how well your organs are working. Hence, it is different from other areas of radiology, which create images of the body anatomy.

During a nuclear medicine procedure, you will receive an injection of a radioactive material called a radiopharmaceutical. When the radiopharmaceutical reaches the right area, a special machine called a gamma camera will take pictures of the area of interest.

#### What is a G.I bleeding Scan?

It is a study used to locate the bleeding site in your abdomen which helps to determine who requires aggressive treatment versus who can be medically managed.

#### What is involved in this test?

- A technologist will inject a small amount of substance called PYP into a vein in your arm. Twenty minutes later you will be asked to lie down on a scanner bed and a radiopharmaceutical will be injected into a vein in your arm.
- The initial part of the scan (Dynamic Scan) will take 60 minutes, followed by static scans for 5 -10 minutes.
- Once completed, the images will be shown to a Nuclear Medicine Physician, who may then request extra delayed static scans at 4 hours and 24 hours.

#### What happens after the test?

You may resume your normal activities once the examination is completed. The

report will be sent to your doctor. There are no known side effects to this test.

#### Preparation

- Remove all metals from the patient.
- Patient can lie down in supine position without motion at least 30 min.

#### For female patients

- If you are pregnant, please tell the technologist before you are injected with the radioactive tracer.
- Please consult your technologist if you are breastfeeding for further instructions.

Your **G.I bleeding** Scan has been scheduled for \_\_\_\_\_ at \_\_\_\_\_

If you have any questions or concerns about the test, or if you need to cancel or reschedule your appointment, please contact the **Nuclear Medicine Department** at 24627069

Nuclear Medicine Department is located on the Ground floor in the Oncology Centre  
Please check in with nuclear medicine reception 15 minutes before your appointment.

