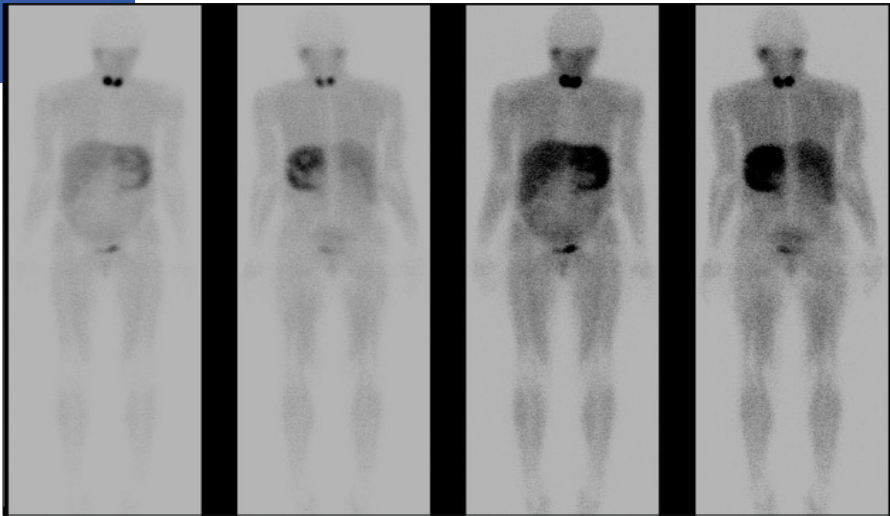




Understanding MIBG Scan

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What is a MIBG Scan?

MIBG Scan is a nuclear medicine scan used to examine tissues associated with the sympathetic nervous system. During this scan, a small amount of radioactive MIBG tracer is injected, and a gamma camera captures the distribution. This scan provides information and identifies areas of abnormal tracer uptake.

Why is it Performed?

This scan is performed to check neuroendocrine and sympathetic nervous system conditions, including suspected or known neuroblastoma and certain adrenal abnormalities. Findings are interpreted with symptoms, medical history, clinical examination, laboratory tests, and other investigations of the patient.

Preparation

- Inform the team about pregnancy or breastfeeding.
- Share details of current medicines and medical conditions.
- Carry previous imaging, pathology, and laboratory reports.
- Inform the team about medicines that may affect MIBG uptake.
- Follow specific food, medicine, and preparation instructions.

Procedure

A small amount of radioactive MIBG tracer is injected into the body. The tracer distributes and concentrates in appropriate tissues. Then images are captured by a gamma camera at scheduled intervals. The procedure duration depends on individual needs and protocols.

Important Instructions

- Follow all instructions from the nuclear medicine team.
- Take medicines only as instructed.
- Follow all preparation and medication instructions.
- Remain still and relaxed during imaging.
- Inform staff if you feel uncomfortable or have concerns.
- Follow recommended post-scan instructions.
- Drink fluids if advised and not medically restricted.

Safety Precautions

MIBG Scan uses a small amount of radioactive substance given to the patient under expert medical supervision. Suitable safety measures are taken according to the patient's clinical needs. Inform the medical team about pregnancy, breastfeeding, medicines, allergies, or other medical conditions.

When to Seek Medical Attention?

If you experience unusual symptoms after the procedure, contact your doctor. Ask about medicines, preparation, pregnancy or breastfeeding, or post-scan care. At Molecular Diagnostics and Therapy, MIBG Scans are performed using appropriate nuclear medicine protocols under specialist supervision, with patient safety and comfort in mind.