

# MIBG Scan



## Radiology Department

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### **Nuclear Medicine Supplement:**

Please read the pamphlet: **Nuclear Medicine Scans BCCH1097** before this sheet.

### **Why is this scan done?**

The scan is named after the radioactive material used. MIBG stands for metaiodobenzylguanidine. Some tumours will show up clearly when they absorb MIBG. The test helps find these tumours.

### **What happens during the test?**

Your child will drink a cherry drink which has potassium perchlorate mixed in it. This will protect the thyroid gland from absorbing MIBG. MIBG will be injected. You and your child will leave the department. You will return 24 hours later for the first set of scans. These take 90 minutes. Another set of scans is done 24 hours after the first set. These take 30 minutes. We will give you the times for these scans.

### **What are the side effects?**

Your child's blood and urine will be radioactive for 72 hours after the injection. Wear gloves and wash your hands well if you touch these fluids, for example, when changing a diaper.

Encourage your child to drink a lot and empty his/her bladder often. Flush the toilet at once.