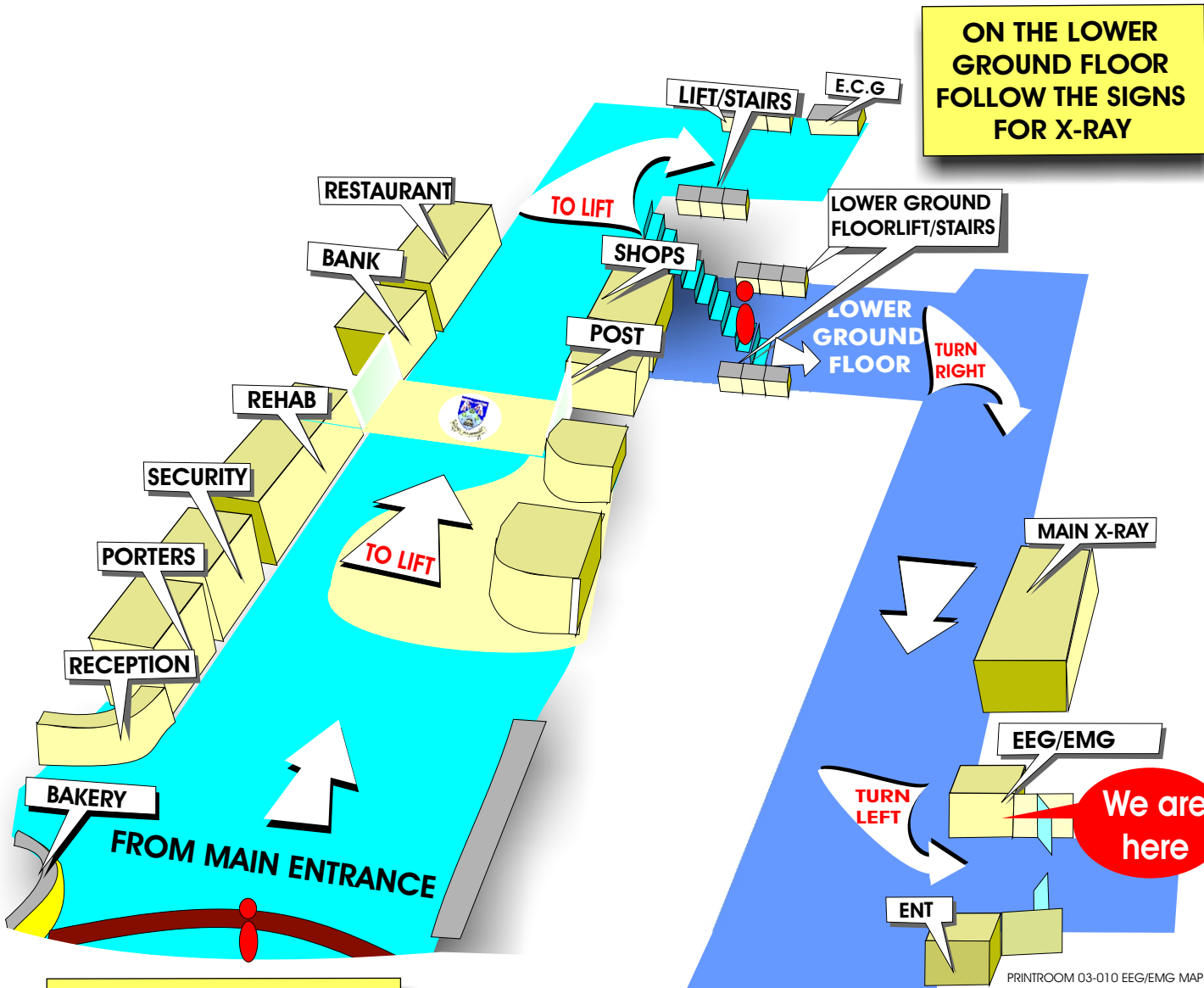


# MAP FOR PATIENTS ATTENDING EEG/EMG



**TAKE THE LIFT TO THE LOWER GROUND FLOOR**

PRINTROOM 03-010 EEG/EMG MAP

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Beaumont Hospital operates a No Smoking Policy



Beaumont Hospital  
 NeuroCent Directorate

## Department of Clinical Neurophysiology Beaumont Hospital



### Patient Information Leaflet

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Beaumont Hospital is the principal teaching hospital  
 for the Royal College of Surgeons in Ireland

## What is an EMG and NCS

**NCS** is an abbreviation for nerve conduction studies and is used to show how well the body's electrical signals are travelling along a nerve.

**EMG** is an abbreviation for Electromyography and is used to study muscle function.

## Reasons for having an NCS and EMG.

The examination can be helpful in evaluating the cause of numbness, tingling, pain, weakness, fatigue and muscle cramping.

## About the test.

The test may include two parts.

The first part examines the nerves and the second part tests the muscles. NCS is carried out by applying a small electrical impulse to the nerve and recording how well the nerve is working. This impulse causes a quick mild tingling feeling. The technician or doctor may test several nerves.

EMG tests the muscles, a small disposable needle is put in several muscles to assess its function.

There may be a small amount of discomfort when the needle is inserted. The doctors test only the muscles necessary to decide what is wrong.

## How long does the test take?

The test usually takes 20-90 minutes. You can do normal activities such as eating, drinking, driving and exercising before and after the test. There are no lasting side effects.

## Preparation

- Please bring a list of all medications with you and inform the doctor carrying out the test if you are taking aspirin or blood thinning agents (like Warfarin or Clexane) or have haemophilia.
- If you have myasthenia gravis you may be asked to with-hold medication before your test. Please call the Department for advice.

- Take a bath or shower to remove oil from your skin on the morning of the test.
- Do not use any form of body lotion on the day of the test, including moisturiser.
- Have a full breakfast and eat normally on the day of your test.
- Please inform the doctor if you have a pacemaker or any other cardiac devices.

## Results

Results will be forwarded to your Referring Physician. You are advised to make a follow-up appointment with this doctor, if not already scheduled.

## Where to go?

The Clinical Neurophysiology Department is situated on the **Lower Ground Floor** past the X-Ray Department and then take the first turn left for Clinical Neurophysiology ( see map on the back of this leaflet)