



The Royal Hospital for Children  
Respiratory Function Laboratory

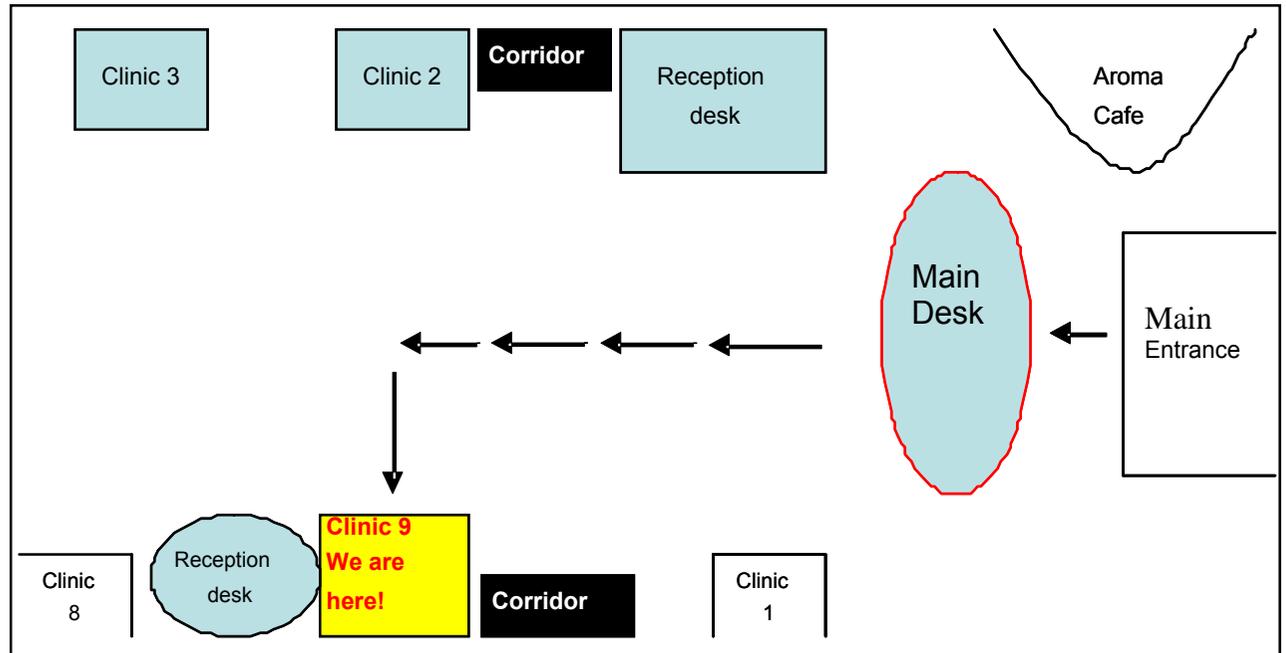
# Overnight Oxygen saturation monitoring (sleep study)

## RESPIRATORY FUNCTION LABORATORY

The Paediatric Respiratory Function Laboratory is located behind Clinic Area 9 in the Out-patient Department of The Royal Hospital for Children within the Queen Elizabeth University Hospital campus. When you enter the main entrance of the Children's Hospital walk straight up the main atrium to the clinic area. We are on the left hand side. When you scan in at the self-service kiosk you still need to ring the bell to let us know you have arrived.

**Please ring the doorbell to let us know when you have arrived.**

Respiratory Function Laboratory  
Outpatient Clinic Area 9  
Royal Hospital for Children  
QEUH, Govan Road  
Tel: 0141 452 4071



## OVERNIGHT OXYGEN MONITORING

Your child's doctor has asked for an overnight oxygen saturation study be carried out on your child. This test will be performed at home but you will have to collect the monitor from Clinic 9/ Respiratory/Sleep Laboratory in The Royal Hospital for Children.

**Your child does not have to be present when you collect the monitor.**

### WHAT IS OXYGEN MONITORING?

It is a test to measure the oxygen levels & heart rate and how this changes during their sleep at night.

### HOW IS THE TEST DONE?

Once your child is asleep, in bed, you should put the sensor on their toe. The sensor is then connected to the monitor and the monitor is switched on. It should be left like this until your child wakes up in the morning. The sensor is taken off and the monitor is switched off.

**You must bring the monitor back to the Respiratory/Sleep Laboratory to be downloaded before 10am the following day.**

**If this is not possible, please call 0141 452 4071 to reschedule the appointment, as delays in returning the monitor will result in cancellations the following day and extend waiting lists.**

### WHEN WILL I GET THE RESULTS?

We will send the results to your Consultant within a week of the test. Your Consultant will then arrange to see you at clinic and they will tell you the results.

### WHAT IF WE NEED TO REPEAT THE TEST?

Most tests work first time, but not all. Children will sometimes manage to remove the sensor during the night. If it has not been on long enough then we will ask you to repeat the test.

### IS THERE ANY REASON WHY MY CHILD SHOULD NOT COME FOR THE TEST?

If you think your child is not well enough to attend please phone for advice as soon as you can. We can sometimes call another child in at the last moment.

