

# Cardio-Respiratory

## Background

The Cardiology and Respiratory departments at Royal Albert Edward Infirmary are complete with:

- Coronary Care Unit
- COPD Unit

The Cardiology and Respiratory Department at Leigh has moved and been upgraded. The unit now contains:

- Exercise lab
- Respiratory function lab
- Pacing room
- Clinical room
- Echo rooms
- ECG rooms
- Event recorder / vitalograph rooms
- Event station hub where all the analysis is performed



Cardiology services are now more important than ever in Wigan due to several factors:

- Second highest population of the ten Boroughs in GM
- Ageing population
- Increasing burden of Chronic/Long-term illnesses
- Highly Deprived area
- CVS mortality in under 65's is high
- Rapid advancements in medicine
- Highest Emergency Respiratory Rate
- Highest Emergency Admission Rate for Patients with COPD

## Research Interest

- Acute Heart Failure
- Cardiovascular Disease
- Acute Coronary Syndrome
- Therapeutic Procedures
- Atrial Fibrillation
- Myocardial Infarction
- Nontuberculosis Myobacterium Lung Infections
- COPD
- Bronchiectasis
- Obstructive Sleep Apnoea



## Services

- Angioplasty Procedures
- Angiograms Procedures
- Permanent Pacemaker Implants
- Pacemaker Follow up clinics
- Catheter Lab
- Echocardiography including Colour Flow Doppler, Continuous and Pulse Wave Doppler
- Stress Echocardiography
- Transoesophageal Echocardiograms
- Exercise Tests Clinical Physiologists Led
- Tilt Tests Clinical Physiologists Led
- Analysis of 24-hour ECG
- Recordings and BP monitor recordings
- Event recorders
- ECG
- Vitalograph
- 24-hour ambulatory monitoring and analysis
- 3-day and 7-day life card and analysis
- Cardiacalls
- 24-hr Blood pressure monitoring
- RACP exercise clinic
- Echoes
- Pacing clinics
- Sleep Service
- CPAP Treatment

**“Nothing was too much for any of the staff”**

