

CARDIOVASCULAR DISEASES

Learn the necessary skills to function in a modern biomedical/clinical environment specialising in cardiology, and will be relevant to researchers, day-to-day NHS hospital practice and general practice.

The content of the course is mapped to The **Joint Royal Colleges of Physicians Training Board Speciality Training Curriculum for Cardiology**.

Modules

Evidence Based Medicine

Analysis and Interpretation of Clinical Data

Clinical Medicine

Case Investigations in Molecular Medicine

Assessment and Consultation in Clinical Settings

Cardiovascular Disease

Discussion of diseases of the heart and circulation including coronary heart disease, angina, heart attack, congenital heart disease and stroke.

- Epidemiology and risk factors of cardiovascular disease
- Impact of diet and exercise on vascular health
- Pathophysiological influences and cellular mechanisms leading to cardiovascular disease
- Diagnostic procedures and management options
- Complications leading from cardiovascular disease
- Pharmacological interventions

Therapeutic Advances in Cardiovascular Disease

Reviews current guidelines and their evidence base for the treatment of cardiovascular disease. Areas include:

- Assessment of cardiac function;
- Heart failure - diagnosis and management
- Approaches and technologies used for cardiovascular support and management;
- Methods used to wean patients from cardiovascular rehabilitation support;
- Setting up a cardiovascular rehabilitation service;
- The importance and value of an integrated team approach to management of cardiovascular disease.

Research Dissertation

How course will be taught

Deliver taught modules as three-day intensive courses to facilitate attendance from students in employment. Weekly support sessions and journal club supplement learning – all held in our modern facilities in Bache Hall on the Countess of Chester Hospital Campus.

The total number of contact hours for the whole course are 360 hours, out of a total study time of 1,800 hours.

Fees & Funding

2018/19 full course fee: £12,000