

Curriculum Vitae

Name : Helen Catherine Burrows
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Nationality : British
Date of Birth : 20.01.1966



Professional Qualifications

2001-2005 BSc (hons) Clinical Science (Cardiology) 2:1
North East Surrey College of Technology (NESCOT)

June 2013 Renewal of Adult Transthoracic Accreditation (accredited since 2008),
British Society of Echocardiography (BSE)

March 2018 Renewal of ILS competency

Other

2013-2014 Level 3 Award in Education & Training

Employment

Sept 2017 – present

Locum Echocardiographer, Noninvasive Cardiology, University Hospital Southampton, Tremona Road, Southampton SO16 6YD

- * Performing and reporting adult transthoracic echocardiography independently, in line with BSE (British Society of Echocardiography) guidelines using GE and Phillips equipment.
- * Assisting with training / mentoring of junior staff and doctors.
- * ILS trained, fully conversant with emergency cardiac arrest procedure including defibrillation according to current Resuscitation Council (UK) guidelines.

Oct 2016 – Sept 2017

Clinical Operations Manager MOD and East region, InHealth Echotech

Clinical (50%):

- * Performing and reporting adult transthoracic echocardiography independently, in line with BSE (British Society of Echocardiography) guidelines using GE and Phillips equipment.
- * Performing peer review of echo studies as part of Echotech's Quality Assurance programme, to ensure adherence to NHS/NICE/NSF guidelines on Clinical Governance.
- * ILS trained, fully conversant with emergency cardiac arrest procedure including defibrillation according to Resuscitation Council (UK) guidelines.

Managerial (50%):

- * Managing two teams of echocardiographers nationally, one team working on an army screening service and the other team running NHS clinics in the community.
- * Working with CCGs and other stakeholders to agree and implement local protocols and service level agreements
- * Optimising regional budget efficiency without compromising patient safety or quality of service
- * Representation of the Echocardiography division at weekly InHealth Compliments, Litigation, Incidents and Complaints meetings
- * Identifying the training needs of staff and clients
- * Ensuring staff are compliant with mandatory training, corporate policies and local protocols.
- * Adhering to written protocols and assisting in their on-going development
- * Recruitment of staff nationally.
- * Based primarily from home, with travel throughout the UK as required.

Oct 2012 – Oct 2016

Clinical Operations Manager MOD, InHealth Echotech

- * Project managing a screening service for the Ministry of Defence and Capita, to provide ECG and Echocardiography for potential Army recruits as part of their selection medical. I was involved in this project from early in its inception. My role included liaising with senior Capita staff about how best to roll the service out, agreeing and implementing local protocols and recruiting staff to the project nationally. Based primarily at Pirbright, Surrey and from home, with travel throughout the UK as required.
- * Performing and reporting transthoracic echocardiography and associated diagnostics at MoD sites as part of this new screening service.
- * Performing and reporting transthoracic echocardiography and associated diagnostics for the MoD as part of a clinical trial (to validate the new screening system), using GE equipment.
- * Performing and reporting transthoracic echocardiography and associated diagnostics in the Community for GP commissioning groups, using GE and Phillips equipment.
- * Selecting and recruiting new staff.
- * Optimising regional budget efficiency without compromising patient safety or quality of service
- * Performing peer review of echo studies as part of Echotech's Quality Assurance programme
- * Adhering to written protocols and assisting in their on-going development.
- * ILS trained, fully conversant with emergency cardiac arrest procedure including defibrillation according to Resuscitation Council (UK) guidelines.

July 2009 – Oct 2012

Chief Cardiac Physiologist, Cardiothoracic Investigations Unit (previously Heart & Lung Function Dept), North Hampshire Hospital

- * Lead for the Echo Service in a Department of 15-20 full time physiologists.
- * Performing and reporting transthoracic echocardiography, using GE.
- * Assisting with specialised echocardiography procedures, including bubble, contrast, stress and transoesophageal echocardiography.
- * Identifying the training needs of our echocardiographers, liaising with consultants and Head of Department to facilitate said training
- * Supervising/reviewing echos performed by junior members of staff, monitoring those who are not yet BSE accredited, mentoring physiologists and doctors through the BSE accreditation process.
- * Rotating through other areas of cardiac physiology, primarily the cardiac cath lab (including participation in on-call rota for the primary PCI service) and physiologist led chest pain clinics.
- * Deputising for Head of Department as required. This includes
 - * Organising staffing within all areas in the department
 - * Representing HoD/Dept at Trust meetings
 - * Representing HoD/Department at managerial meetings
 - * Attending audit meetings
 - * Reviewing job applications
 - * Interviewing job applicants
 - * Assisting with budgetary matters
 - * Liaising with third parties regarding contracts and supplies
- * Other duties as detailed in previous role as Senior Cardiac Physiologist.
- * Adhering to written protocols and assisting in their on-going development.
- * ILS trained, fully conversant with emergency cardiac arrest procedure including defibrillation according to Resuscitation Council (UK) guidelines.

Mar 2009 – Sept 2009

Locum Cardiac Physiologist, King Faisal Hospital, Kigali, Rwanda

- * Working with consultant cardiologists from the UK in a long-term project, the purpose of which was to enable the hospital to develop (and eventually manage independently) their own cardiology service.
- * Performing and reporting adult and paediatric transthoracic echocardiography, ECGs, spirometry, ambulatory ECG monitoring and analysis and 24 hour BP monitoring, without supervision.

Oct 2005 – July 2009

Senior Cardiac Physiologist, Heart & Lung Function Dept, North Hampshire Hospital

- * Performing and reporting transthoracic echocardiography unsupervised. Assisting with specialised echocardiography procedures, including bubble, contrast, stress and transoesophageal echocardiography.
- * Supervising exercise stress testing sessions, including provision of Physiologist Led Chest Pain Clinic service.

- * Carrying out ECGs, spirometry, ambulatory ECG monitoring and analysis, 24 hour BP monitoring and lung function test without supervision.
- * Working in the Angiography Suite performing routine diagnostic left heart catheters, elective PCI and primary PCI
- * Producing comprehensive, accurate reports on all investigations; ensuring that all results are promptly recorded and available to the appropriate personnel; highlighting urgent clinical situations and escalating as necessary.
- * Adhering to written protocols.
- * Working with and training student physiologists and cardiographers, and other allied health professionals (including formal ECG and echo training).
- * Jointly responsible for the general upkeep of the equipment used, reporting maintenance and repair requirements to the relevant chief physiologist.

Oct 2004 - Oct 2005

Cardiac Physiologist, Heart & Lung Function Dept, North Hampshire Hospital

- * Carrying out cardiological and respiratory function investigation & procedures, including ECG, spirometry, ambulatory ECG monitoring and analysis, 24 hour BP monitoring, transthoracic echocardiography, exercise tolerance tests and lung function test under supervision.
- * Completed degree course, including dissertation on current medical management of rheumatic fever, and research project on rates of ectopy and risk of sudden cardiac death.

Oct 2001 - Oct 2004

Student Cardiac Technician, Heart & Lung Function Dept, North Hampshire Hospital

- * Working full time in a trainee position to learn how to carry out various cardiological and respiratory function investigation & procedures, including ECG, spirometry, ambulatory ECG monitoring and analysis, 24 hour BP monitoring, exercise tolerance testing, transthoracic echocardiography and full lung function tests.
- * Attending college on a part time block release basis to obtain a BSc (hons) degree in Clinical Science, specialising in cardiology.

Dec 1997- Oct 2001

Health Care Assistant, Intensive Care Unit, North Hampshire Hospital

Providing support to nurses and doctors in the critical care environment; assisting with the care of patients and relatives; responsible for maintenance of equipment and supply of consumables.

Aug 1994 – Dec 1997

Bank Health Care Assistant, North Hampshire Hospital

Assisting qualified nursing staff on surgical, orthopaedic and medical wards.

Prior to these positions I worked predominantly in customer service in customer facing roles.