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| THE UNIVERSITY OF NOTTINGHAM  RECRUITMENT ROLE PROFILE FORM |

**Job Title:** Clinical Research Fellow in GI Endoscopy (1post, fixed term)

**School/Department:** School of Medicine - Nottingham Digestive Diseases Centre

**Salary:** £31,301 – £54,199 per annum, depending on qualifications and experience.

**Contract Status:** The posts will be offered on a fixed-term contract for a period of 16 months

**Hours of Work:** Part time,10 hours per week

**Location:** NDDC, Queen’s Medical Centre, Nottingham

**Reporting to:**  Professor of GI Endoscopy

**Introduction**

The University of Nottingham seeks applications for a Clinical Research Fellow. The successful applicants will be expected to have already registered for a higher degree (MD/PhD) with the University of Nottingham. National Institute for Health research Nottingham Digestive Diseases Biomedical Research Unit (NDDBRU), one of the three BRUs in gastroenterology/hepatology in the UK has been established in 2008 and renewed in 2012, to conduct and facilitate translational research. NDDBRU has brought together >60 researchers and 37 (20 clinical, 17 nonclinical) postgraduate research students. Since 2012, we have enrolled 5170 patients into 83 translational and experimental medicine studies. We also host the Nottingham Molecular Pathology Node (NPMN), one of 6 such infrastructures funded by Medical Research Council.

**Job description**

This post will be focussed on advanced endoscopic imaging research. The clinical research fellow (CRF) will be involved in the already established endoscopic research programme within the NDDC and thereby perform at least 2 research endoscopy sessions per week. Hence, it is essential the candidate is competent in upper and lower GI Endoscopy with JAG accreditation. It is expected that the candidate has already registered for a higher degree in the UON within the field of Gastroenterology / Hepatology. Training will be offered in advanced endoscopic imaging including the use of NBI, AFI, confocal and zoom endoscopy.

##### **General Description and Academic Career Path**

This post is suitable for doctors pursuing a career in Academic gastroenterology/hepatology. The post-holder will be planning to apply for a training fellowship funded by MRC, Wellcome, NIHR or other sources based on their initial work and be interested.

# Research in the Nottingham Digestive Diseases Centre

Academic hepatology, gastroenterology & GI surgery in Nottingham comprises of medical and surgical gastroenterologists, hepatologists and non-clinical scientists, which we believe to be the largest clinically-based gastro-intestinal research grouping in the UK. At its core are 12 senior academics (8 full Professors and 4 associate professor/senior Lecturer) with extensive, mature, well-funded research programmes and expertise ranging from molecular and cellular biology through patient-based research to clinical trials and GI epidemiology. They work closely with the NHS gastroenterologists/hepatologists, many of whom also have active research programmes. University of Nottingham was ranked 8th in the UK by research power according to the Research Excellence Framework 2014; 81% of School of Medicine research has been rated as ‘world leading’ (34%) or ‘international excellent’.

Clinical research training

Medical Gastroenterology/hepatology has a particularly proud record of clinical research training; our collaboration includes over 60 Principal Investigators and also we have the largest dedicated academic training programme in gastroenterology in the UK, with and 37 (20 clinical, 17 nonclinical) postgraduate research students. NIHR NDD BRU has 4-bedded area suitable for intensive monitoring and interventions, research endoscopy facility, patient assessment rooms and tissue processing and storage facility. We have access to state-of-the-art laboratories in the University of Nottingham. PhD/MD training for clinicians in the School of Medicine is closely supervised and carefully structured: clinical students take part in a taught course which has been developed specifically for medically-qualified graduates undergoing research training. Gastroenterology research trainees also attend vibrant weekly academic meetings with all consultant and trainee gastroenterologists plus GI pathologists, a GI paediatrician. These meetings consist of critical appraisal of published research with implications for Nottingham research and clinical practice (45 minutes) and case-based clinical training (45 minutes). There are also regular weekly lunch time research seminars, including invited seminar programme with external speakers, and regular research meetings based in other Research Institutes.

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|  | **Main Responsibilities** | **% time per year** |
| 1. | This post will be focussed on advanced endoscopic imaging research. The clinical research fellow (CRF) will be involved in the already established endoscopic research programme within the NDDC and thereby perform at least 2 research endoscopy sessions per week. | 80% |
| 2. | You are expected to make a contribution to research that is in balance with wider contributions to teaching and other activities | 10% |

**Knowledge, Skills, Qualifications & Experience**

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| **Work Related** | **Essential** | **Desirable** |
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| **Qualifications**  **and prizes:** | MBBS or equivalent  MRCP or equivalent | BSc or equivalent intercalated degree (N.B. NOT essential).  Evidence of exceptional academic performance during training. |
| **Research/**  **Publications:** | Demonstrated interest in medical research | Published papers in scientific/medical journals.  Presented research abstracts (oral and/or poster) at national/international meetings e.g. BSG, DDW, UEGW annual meetings |
| **Teaching:** |  | Demonstrable teaching experience in endoscopy. |
| **Clinical Experience:** | ST4 and above in Gastroenterology, competent in upper and lower GI Endoscopy |  |
| **Skills/Attitudes/knowledge:** | Strong commitment to a career in Academic Gastroenterology/ Endoscopy |  |
| **Legal/Health/**  **Other:** | GMC Registration with a licence to practise  Good communication skills and good professional relationships.  Satisfactory enhanced disclosure from the Disclosure and Barring Service |  |

**Decision Making**

**i) taken independently by the role holder**

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| Working on own initiative.  Prioritising own workload.  Making a decision in line with the issue at hand and information available, where there is more than one possible action and the options may require analysis.  Evaluation and recruitment of patients, data collection |

**ii) taken in collaboration with others**

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| ***Data analysis, development of new projects***  Candidate will work with the Endoscopy research team lead by Prof Ragunath in collaboration with other national and International researchers evaluating novel endoscopic imaging techniques in Multi-Centre studies. |

**iii) referred to the appropriate line manager (please name) by the role holder**

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| ***Doubts, difficulties, data presentation, development of projects***  The research project will be supervised by Professor Ragunath and co-supervisors |

**Additional Information**

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| There will be an opportunity to supplement the salary by contributing to the emergency gastroenterology/ hepatology/GI bleed on call rota.  Because of the nature of the work for which you are applying, this post is exempted from the provisions of Section 4 (2) of the Rehabilitation of Offenders Act 1974 by virtue of the Rehabilitation of Offenders Act 1974 (Exceptions) Order 1975.  Applicants are therefore, not entitled to withhold information about convictions, which for other purposes are “spent” under the provisions of the Act, and in the event of employment any failure to disclose such convictions could result in dismissal or disciplinary action by the University. Any information given will be strictly confidential and will be considered only in relation to an application for positions to which the Order applies.  Applicants will be considered on an equal basis, subject to the relevant permission to work in the UK as defined by the requirements set out by the UK Border and Immigration Agency. Please visit <http://www.ukba.homeoffice.gov.uk/> for more information. |

**The interview for this post will be in April 2016.**

*For informal enquiries please contact Professor Krish Ragunath (*[*K.Ragunath@nottingham.ac.uk*](mailto:K.Ragunath@nottingham.ac.uk)*)*

**For any administrative enquiries please contact Tiffany Hamilton (**[**tiffany.hamilton@nottingham.ac.uk**](mailto:tiffany.hamilton@nottingham.ac.uk)**)**

**Appendix 1**

**The University of Nottingham**

The University of Nottingham is a global-leading, research-intensive university with campuses in the UK, Malaysia and China. Our reputation for world-class research has yielded major scientific breakthroughs such as Nobel-winning MRI techniques, drug discovery, food technologies and engineering solutions for future economic, social and cultural progress.

Already ranked among the UK’s elite universities and global polls for research excellence, our reputation for world-class research has been further enhanced with the 2014 results of the Research Excellence Framework (REF).

In addition to scoring highly in quality rankings covering major disciplines in science, engineering, the social sciences, medicine, business and the arts, it is Nottingham’s research power rankings which demonstrate the impressive volume of excellent research which is carried out. We are now ranked 8th in the UK on a measure of ‘research power’ which takes into account both the quality of research and the number of research-active staff who made REF returns, confirming Nottingham’s place in the top tier of the world’s elite higher education institutions.

The main University campus is set beside a lake, in an extensive belt of woodland, parks and playing fields. The 330 acre University Park Campus is the focus of life for more than 32,000 students and houses the majority of the University’s academic schools and many of the central Services. The Jubilee campus is situated 2 miles away from the University Park, and provides extra capacity. The University Medical School is situated next to the University Park. Together with the University Hospital, it forms the Queen’s Medical Centre (QMC).

**University of Nottingham Medical School**

Nottingham has a strong reputation for both clinical medicine and teaching. As one of the most popular medical schools in the country, it is able to select excellent students and produce and attract good junior doctors.

**The School of Medicine** was formed following Faculty reconfiguration on August 1st 2013. The new School of Medicine comprises the Divisions of Cancer and Stem Cell Sciences, Child Health, Obstetrics and Gynaecology; Clinical Neuroscience; Epidemiology and Public Health; Primary Care; Psychiatry and Applied Psychology; Rehabilitation and Ageing; Medical Sciences and Graduate Entry Medicine; Respiratory Medicine; Rheumatology, Orthopaedics and Dermatology and the Nottingham Digestive Diseases Centre. The School also hosts the Medical Education Centre, the Centre for Interprofessional Education and Learning, the Clinical Research Facility, the Clinical Skills Centre, NIHR design Service East Midlands, Nottingham Clinical Trials Unit, PRIMIS and Medical Imaging Unit.

The new School of Medicine brings together in one School staff undertaking research for the benefit of the health of patients. It includes all primary care and hospital-based medical and surgical disciplines, principally in the Queen’s Medical Centre and City Hospital Nottingham Campuses, Royal Derby Hospitals NHS Foundation Trust and also at the University’s main campus and at the King’s Meadow and Jubilee Campuses. Most of our School’s Senior Researchers and Teachers are also clinicians who dedicate 50% of their time to patient care within the Nottingham University Hospitals NHS Trust & Royal Derby Hospitals NHS Trust. This close juxtaposition brings cutting-edge clinical care to our patients and clinical relevance to our research and teaching. We are closely integrated with our full time NHS clinical colleagues, many of whom are themselves leaders in research and teaching and who work closely with the University and this increases the mutual benefit from integration between the University and NHS.

Mission:

Our mission is to improve human health and quality of life locally, nationally and internationally through outstanding education, research and patient care.

Priorities:

1. **Teaching and learning**, particularly training tomorrow’s doctors and teaching specialised postgraduates
2. **Research and research training:** We will perform and support the highest quality “big” research which impacts on human health and disease
3. **Partnership with the NHS** and other healthcare providers
4. **Visibility and profile of the School of Medicine:** We will do what we do better, and we will tell others about it

Ethos and principles:

1. **Having people and patients at the heart of all we do**: our teaching and learning, our research and our patient care
2. **Contribution within the School of** **Medicine and to society** beyond our immediate roles; helpfulness and service
3. **Openness and fairness**, with particular emphasis on communication (both internal and external) and on equality and diversity among students and staff
4. **Personal and group responsibility** for all aspects of our work, within a culture of opportunity and reward

Our research spans 11 major themes, ranging from cancer to vascular medicine. We work closely with industry and the NHS. Our world-leading research ranges from basic and translational science through to clinical trials, epidemiology, and health services research. Our clear theme is improving human health, underpinning a vibrant postgraduate research training programme leading to PhD or DM. Many of our academics are clinicians, using their expertise to provide cutting edge specialised treatment to NHS patients; reflecting our ethos that patients are at the heart of all we do.

In the 2014 Research Excellence Framework the four Units of Assessment included in the School of Medicine were among the six most improved in the whole University since RAE 2008: Over 80% of our research in 2014 was graded as world-leading or internationally excellent. Our research spans 11 major themes and ranges from basic and translational science through to clinical trials, epidemiology, and health services research. We work closely with industry and the NHS. Our research is underpinned by a strong postgraduate research training programme leading to PhD or DM. Our major research themes are in Cancer and Stem Cells; Child Health, Obstetrics & Gynaecology; Clinical Neurosciences; Dermatology; Digestive Diseases; Epidemiology and Public Health; Mental Health; Musculoskeletal physiology and disease; Primary Care; Rehabilitation and Ageing; Respiratory Medicine; and Renal Medicine.

The School of Medicine trains tomorrow’s doctors on a vibrant undergraduate medical course with a unique intercalated BMedSci, as well in a specialised graduate-entry programme built around clinical problem solving. We teach medicine and related disciplines at both undergraduate and postgraduate level. We have a dedicated clinical academic training programme and are committed to training PhD and doctoral research students and to supporting postdoctoral clinicians and scientists in their research.

The School of Medicine holds a Bronze Athena SWAN award in recognition of our commitment to advance the representation of women in science, technology, engineering, medicine and mathematics (STEMM). The award reflects our commitment to promoting equality and diversity. Please see <http://www.nottingham.ac.uk/medicine/about/athena-swan.aspx>.

Professor Tony Avery is Dean of the School of Medicine.

For further information, please see our website <http://www.nottingham.ac.uk/medicine>

**Nottingham**

Central within the East Midlands, Nottingham is a vibrant and prosperous city with something to offer everyone. It is one of the UK’s leading retail centres and has a huge variety of restaurants, bars and nightclubs which attract people from all over the UK. Culturally, it has good theatres, an arena which attracts both national and international performers and a range of historical interests relating to subjects such as the lace industry, Lord Byron and DH Lawrence. Nottingham is also known for sport, being the home of Trent Bridge Cricket Ground, Nottingham Forest and Notts County Football Clubs, the National Water Sports Centre and the Nottingham Tennis Centre. There is a good network of roads with easy access to the M1 and the A1, a fast frequent rail service to London and other major cities. Nottingham East Midlands Airport is only eighteen miles away.

The city is set within a county of outstanding natural beauty which includes Sherwood Forest, Wollaton Park, lively market towns and wonderful historic buildings. Housing is relatively inexpensive and, in addition to the two Universities, there are excellent schools and colleges available.

**To find out more about Nottingham, use the following links:**

Nottingham County Council – Tourism <http://www.experiencenottinghamshire.com/>

University of Nottingham <http://www.nottingham.ac.uk>

Zoopla (Guide to local properties) <http://www.zoopla.co.uk/>

**My Nottingham** (information on schools, term dates, school transport etc.)

<http://www.nottinghamcity.gov.uk/index.aspx?articleid=8524>

**Nottingham University Hospitals NHS Trust**

***VISION***

Nottingham University Hospitals seeks to become the best acute teaching Trust in the country by 2016. We will strive to give each patient the same care and attention that we would wish for members of our own family.  We believe that our patients, their families and the public we serve deserve nothing less.

We will continue to provide general hospital services of the highest calibre, and build on our established strengths in stroke and heart attack services, cancer, and trauma. We will develop a workforce and facilities that deliver reliable, safe, compassionate care, with excellent outcomes. Everything we do needs to be characterised by responsiveness and flexibility, and by an unwavering focus on our patients and their needs.

We will demonstrate progress in by delivering excellence in six key domains:

* Patient experience
* Clinical outcomes
* Teaching and training
* Research
* Staff satisfaction
* Value for Money

***WHO WE ARE***

Nottingham University Hospitals NHS Trust (NUH) is the country’s fourth largest acute teaching trust. It was established on 1 April 2006 following the merger of Nottingham City Hospital and the Queen's Medical Centre.

We provide acute and specialist services to 2.5 million people within Nottingham and surrounding communities from the Queen’s Medical Centre (QMC) and the City Hospital campuses. We have an annual budget in excess of £682m of public sector funding and employ over 13,000 staff.

The Trust is the principal provider of acute general, specialist and tertiary hospital care to the population of Nottingham, receiving 98 per cent of all elective and urgent referrals from primary care trusts in Nottinghamshire. We currently have 2,100 hospital beds.

Our activities include general hospital services for the local population and a wide range of specialist services, many for patients across the East Midlands and beyond. In 2008/09 we cared for around:

* 755,000 first and follow up outpatients
* 160,000 emergency attendances
* 90,000 non-elective admissions
* 90,000 day case and elective inpatient admissions.

During the year 2008/09 a proportion of outpatient and day case patient care was transferred to the NHS Treatment Centre operated by Nations Healthcare and based at the Queen’s Medical Centre campus. NUH staff have been seconded to provide a service to the organisation, but it operates independently of the Trust.

Nottingham is the only city in the country to secure three successful bids for prestigious biomedical research units. We are working with The University of Nottingham to help to translate research findings for stomach, bowel and liver disease, hearing and respiratory disease into better patient care.

**VALUES AND BEHAVIOURS**:

NUH has a set of values and behaviours to improve the experience for our patients and our staff (We are here for you). This means that in undertaking this role the post holder is expected at all times to behave is a way that demonstrates commitment to the delivery of thoughtful patient care and continuous improvement as detailed in the table below.

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| **Thoughtful Patient Care** | **Continuous Improvement** |
| **Caring and helpful**   * **Polite**, respect individuals, thoughtful, welcoming * **Helpful,** kind, supportive, don’t wait to be asked * **Listening,** informing, communicating | **Accountable and reliable**   * Reliable and happy to be **measured** * **Appreciative** of the contribution of others * Effective and supportive **team-working** |
| **Safe and vigilant**   * **Clean** hands and hospital so patients *are* safe * **Professional,** ensure patients *fee*l safe * **Honest,** will speak up if needed to *stay* safe | **Best use of time & resources**   * **Simplify processes,** to find more time to care * Eliminate **waste**, investing for patients * Making **best use of every pound** we spend |
| **Clinically excellent**   * Best outcomes through **evidence-led** clinical care * **Compassionate, gentle**, see whole person * **Value patients’ time** to minimise waiting | **Innovation for patients**   * Empowerment to act on **patient feedback** * Improvement led by **research** and **evidence** * **Teaching** the next generation |

The following two sections describe the services and facilities currently at the two campuses. However, there are ongoing discussions about the future development and location of clinical adult services, as a result of which some services or parts of adult services may relocate to the other campus.

1. **City Hospital Campus**

The City Hospital Campus offers a wide range of clinical services to the local population of greater Nottingham, plus a much larger population in such specialties as cardio-thoracic surgery, cancer, renal, breast services, clinical genetics and neonatology.

There is no Accident and Emergency department on the campus, although the hospital does take medical and surgical patients referred by GPs or from other acute hospitals.

The Nottingham City Hospital campus has a long association with the city of Nottingham. It first opened in 1903 and the buildings are a mixture of old and new, although services have recently benefited from huge investment in improving the facilities for patients. These developments include the purpose-built Endoscopy Centre, Nottingham Breast Institute, Nottingham Urology Centre, Trent Cardiac Centre, Short Stay Unit, Centre for Clinical Haematology and PET scanner. There are also new staff residences on site.

Research interests at the City campus include oncology, respiratory medicine, clinical haematology, rheumatology, diabetes/endocrinology, stroke medicine, urology and mineral metabolism. Professors in the following specialities are based on this site - Surgical Science, Respiratory Medicine, Microbial Diseases, Obstetrics and Gynaecology, Oncology, Medical Genetics and Stroke Medicine. In addition, there are academic departments of Haematology, Rheumatology, Continuing Care and Anaesthetics.

City Hospital is home to training centres in breast screening techniques and cardiac surgery and the Trust is a Cancer Centre, forming part of the Mid-Trent Cancer Network.

The City Hospital campus has a variety of facilities for the use of patients, visitors and staff. There is a restaurant, coffee bars selling hot and cold snacks, WRVS stalls and hospital shops. There is a cash machine located outside the main out-patients department.

1. **Queen’s Medical Centre Campus**

As well as the hospital, the QMC building, which opened in 1978, also houses the University of Nottingham Medical School and School of Nursing, Midwifery and Physiotherapy.

Clinical services provided within QMC include a very substantial emergency workload, particularly in medical admissions. Within the Medical Division services include the Emergency Department, Medicine, (including Cardiovascular, Respiratory, Gastroenterology, Diabetes and Endocrinology, Haematology, Rheumatology, Immunology, Palliative Care,) Dermatology, Intensive Care and Health Care of the Elderly. Within the Surgical Division services include Surgery, (including Vascular, Colorectal and Hepato pancreatic biliary,) ENT, Ophthalmology, Maxillofacial, Trauma & Orthopaedics, (including Spinal,) and Neurosciences. Within the Family Health Division, services include Obstetrics and Fetomaternal Medicine, Gynaecology, (including Fertility Services), Child Health (including Neonatology and Paediatric Surgery) and Occupational Health.

The QMC site has constantly developed the services it provides to enable it to meet the needs of its patients both now and for the future. Queen’s has the only Emergency Department for the city.

There are a number of facilities provided in QMC, including a Newsagent, Coffee shop/ /Sandwich bar, Clothes shop, Bank (National Westminster, open daily from 10.30 – 3.30pm) and a Pharmacy shop. There is a large dining area, Cyber Café, roof garden and an active Junior Doctors’ Mess with kitchen, PCs with Internet access, sitting room, billiard tables, and television.

**Clinical Management Arrangements in the Nottingham University Hospitals NHS Trust**

The management of the Nottingham University Hospitals NHS Trust is organised via a structure of ten Directorates, which contain all the clinical departments. The Trauma and Orthopaedics department sits within the Musculoskeletal and Neurosciences (MSKN) Directorate. This directorate includes; trauma and orthopaedics, spinal surgery, neurosurgery, neurology, neuro rehab and clinical psychology. The directorate is led by a Clinical Director, supported by a General Manager and Clinical Lead. Each speciality is led by a consultant Head of Service, Assistant General Manager and a Matron.

**Conditions of Service and Governance**

The successful candidate will be offered an Honorary Contract with the Nottingham University Hospitals NHS Trust under the terms and conditions. When undertaking clinical duties on this basis within the Trust, the person appointed will be expected to adhere to local policies and procedures and to take note of the standing orders and financial instructions of the Trust.

Nottingham University Hospitals NHS Trust is committed to the development of Clinical Governance. The approach taken is to develop actions plans at a directorate level. Each member of the medical staff is expected to take an active role in clinical governance activities within their directorate and each directorate has a Consultant nominated as Clinical Governance lead. The activities include (but are not restricted to) audit, incident reporting, review of complaints, risk management, CPD and Evidence Based Practice.

**Professional Standards**

The Clinical Director Mr Iain Cameron is managerially responsible for all activity and personnel in the directorate in which the appointee will work. The Medical Director, Dr Stephen Fowlie, has overall responsibility for the professional performance of clinicians, including of those holding Honorary Contracts with NUH. All clinicians are expected to comply with management arrangements in place, to follow the guidelines on practice laid down by the General Medical Council’s “Maintaining Good Medical Practice”, and to be accountable to the Trust for their actions and the quality of their work. A yearly Joint Clinical and Academic Appraisal is carried out.

**Post-graduate facilities**

Nottingham University Hospitals NHS Trust fully supports and recognises the importance of continuing professional development. The facilities available to support this include two large purpose-built Postgraduate Centres.

The Postgraduate Centre at the City Campus provides an excellent educational environment for multidisciplinary conferences and seminars, postgraduate medical education and continuing medical education. It also provides a base for the Nottingham Vocational Training Scheme for General Practice, as well as teaching facilities and common room for undergraduate students of Nottingham University Medical School and a brand new Clinical Skills Centre.

The Postgraduate Centre at Queen’s Medical Centre Campus contains eleven meeting rooms of varying sizes and audio-visual equipment including video-conferencing.

The Greenfield Medical library is situated in the Medical School within QMC. This has an excellent retrieval service and arranges inter-library loans. All members of the hospital medical and dental staff have free access and borrowing rights. Audio Visual services are provided from the Medical Photography department located in the Medical School which has photographic, medical illustration and video recording facilities as well as a service in support of presentation materials.

**The Trent Simulation and Clinical Skills Centre** opened in April 2004 and is a state of the art simulation centre and clinical skills facility. It is a two-storey extension to the Postgraduate Education Centre and the regional centre within Trent for advanced human patient simulation training offering a range of specialty specific and inter-professional courses.

The high fidelity adult and paediatric simulators use sophisticated computers to create a life like medical environment allowing realistic scenarios to be reproduced and enacted. The patient simulator can be used to provide an extensive range of educational modules including events /scenarios involving the cardiovascular, metabolic, pulmonary, neurological and renal systems as well as trauma and airway events. In addition to normal physiology, a variety of pathological states can be superimposed to provide realistic, potentially life threatening scenarios and thereby challenge participants using complex clinical situations. The control room operator guides the simulation in real time thereby modelling patient responses to unfolding events. The simulation is recorded on video to enable a thorough analysis and debriefing to take place.