

## SURGICAL TRAINING

The Hunter New England Surgical Network employs Postgraduate Year 3+ Surgical Senior Resident Medical Officers and Unaccredited Registrars to work in a Network of Hospitals.

The Network offers a comprehensive surgical education and training program, aimed at providing all SRMOs and unaccredited registrars with the skills and knowledge required to apply to the Royal Australasian College of Surgeons for Surgical Education and Training (SET\*).

For further information about the Hunter New England Surgical Network including rotations, Network Hospitals and training please refer to our general information document [www.hnehealth.nsw.gov.au/surgicaltraining](http://www.hnehealth.nsw.gov.au/surgicaltraining)

\* Further information on the selection and appointment process for Royal Australasian College of Surgeons (RACS) Surgical Education Training (SET) can be found on the RACS website [www.surgeons.org](http://www.surgeons.org). Applications for RACS SET for 2009 closed earlier this year.

## **10 Reasons to Choose Surgical Training with Hunter New England**

[www.hnehealth.nsw.gov.au/surgicaltraining](http://www.hnehealth.nsw.gov.au/surgicaltraining)

- 1) The College Accreditation Committee has recognised the general surgical training program at John Hunter Hospital as one of Australia's very best. John Hunter Hospital has enjoyed a first time pass rate of 100% in the FRACS part 2 General Surgical examinations since opening in 1991.
- 2) Close to 100% of our trainees successfully get onto the subspecialty advanced training program of their choice.
- 3) The HNE Network is unique in offering trainees ample exposure to outpatient clinics and endoscopy.
- 4) Obtain relevant **hands on** experience.
- 5) Combine career advancement with an enviable lifestyle – close to the beaches, vineyards, Sydney and everything on the Australian Eastern Seaboard that counts
- 6) You will obtain significant experience with trauma and complex surgical cases at John Hunter Hospital, the largest trauma hospital in NSW and the tertiary referral centre for the Hunter Valley and northern NSW.
- 7) Most sub-specialties in Surgery are available within the Hunter New England Area Health Service including Cardiothoracic, Colorectal, ENT, HPB and Upper GI, Maxillofacial, Neurosurgery, Ophthalmology, Orthopaedics, Paediatric, Urology and Vascular. Advanced training is also available in most of these sub-specialties
- 8) The 114-bed John Hunter Children's Hospital is the only major children's hospital outside of an Australian capital city.
- 9) There is a dedicated focus on Continuing Medical Education (CME) and quality-assurance programs comprising regular audit and clinical meetings, training sessions, and access to the Surgical Skills Room and the HNE Skills and Simulation Centre
- 10) Strong links with the internationally renowned Hunter Medical Research Institute and the University of Newcastle's Medical School

**Dr Stephen Smith**  
**Network Director Surgical Training**

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## CONTACT DETAILS

[www.hnehealth.nsw.gov.au/surgicaltraining](http://www.hnehealth.nsw.gov.au/surgicaltraining)

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Director - RACS SET2-5	Dr Vanessa Wills	02 49855280
HNE Network Surgical Education & Training Coordinator	Ms Belinda Tuynman	02 49855568 belinda.tuynman@hnehealth.nsw.gov.au

### GENERAL SURGERY CONTACTS

Clinical Superintendent	Dr Frank Wang	02 49855280 gail.king@hnehealth.nsw.gov.au
Medical Administrative Staff Manager	Ms Gail King	02 49855280 gail.king@hnehealth.nsw.gov.au

### ORTHOPAEDICS /TRAUMA CONTACTS

Senior Training Registrar	Dr Ezekiel Tan	02 49223510 dianne.mansfield@hnehealth.nsw.gov.au
Orthopaedics Department Contact Person	Ms Dianne Mansfield	02 49223510 dianne.mansfield@hnehealth.nsw.gov.au

### HUNTER NEW ENGLAND HOSPITAL SURGICAL SUPERVISORS

• Armidale	Dr Robert French
• Belmont	Dr Merv McCallum
• John Hunter & John Hunter Children's	Dr Stephen Smith
• Maitland	Dr Gerard Coren
• Manning Base (Taree)	Dr Moheb Ghaly
• Mater Misericordiae	To be advised
• Royal Newcastle (Ortho)	Dr David Gill
• Tamworth	Dr Frank Sardelic

## CAREER OPPORTUNITIES

[www.hnehealth.nsw.gov.au/surgicaltraining](http://www.hnehealth.nsw.gov.au/surgicaltraining)

The Hunter New England Surgical Network offers excellent surgical clinical training and experience and long-term career opportunities.

Career progression and opportunities include the following surgical specialty areas:

- Cardiothoracics
- General Surgery
- Neurosurgery
- Ophthalmology
- Oral Maxillofacial
- Orthopaedics
- Otolaryngology Head and Neck Surgery
- Paediatric Surgery
- Trauma Surgery
- Urology
- Vascular

## TERM ROTATIONS

[www.hnehealth.nsw.gov.au/surgicaltraining](http://www.hnehealth.nsw.gov.au/surgicaltraining)

### Key:

- **SRMO** - Senior Resident Medical Officer (Unaccredited) (Postgraduate Year 3 +) Hospital appointed
- **Registrar (Unaccredited)** (Postgraduate Year 4+) Hospital appointed
  
- **RACS** - Royal Australasian College of Surgeons
- **SET** - Surgical Education Training (RACS appointed and then assigned to Hospitals)

Please refer to next page for extensive list of rotations and hospitals for HNE Surgical Network for SRMOs, Registrars (unaccredited) and RACS allocated SET trainees.

Hunter New England Surgical Network Rotations and Hospitals

Level	Hospital	Rotation	Team
RACS SET 2-5	John Hunter	Cardiothoracic	CTS
REGISTRAR (UNACCRED)	John Hunter	Cardiothoracic	(CTS)
REGISTRAR (UNACCRED)	John Hunter	Cardiothoracic	(CTS)
REGISTRAR (UNACCRED) / RACS SET 1	John Hunter	Cardiothoracic	(CTS)
RACS SET 2-5	John Hunter	ENT	ENT
RACS SET 2-5	John Hunter	ENT	ENT
SENIOR RESIDENT MEDICAL OFFICER	John Hunter	ENT	ENT (rotation)
FELLOW	John Hunter	Gen Surg	General Surgery
RACS SET 2-5	Belmont	Gen Surg	General Surgery
RACS SET 2-5	Calvary Mater	Gen Surg	General Surgery
RACS SET 2-5	Calvary Mater	Gen Surg	General Surgery
RACS SET 2-5	Gosford	Gen Surg	1 - Munro/Laura
RACS SET 2-5	Gosford	Gen Surg	2 - Vascular
RACS SET 2-5	Gosford	Gen Surg	3 - Simpson/Summerhays
RACS SET 2-5	Gosford	Gen Surg	4 - Caska Dawson
RACS SET 2-5	John Hunter	Gen Surg	General Surgery
RACS SET 2-5	John Hunter	Gen Surg	Acute General Surgical Unit
RACS SET 2-5	John Hunter	Gen Surg	Colorectal
RACS SET 2-5	John Hunter	Gen Surg	General Surgery
RACS SET 2-5	John Hunter	Gen Surg	Paediatric
RACS SET 2-5	John Hunter	Gen Surg	Vascular
RACS SET 2-5	Maitland	Gen Surg	General Surgery
RACS SET 2-5	Port Macquarie	Gen Surg	General Surgery - 1
RACS SET 2-5	Port Macquarie	Gen Surg	General Surgery - 2
RACS SET 2-5	Port Macquarie	Gen Surg	Vascular
RACS SET 2-5	Tamworth	Gen Surg	General Surgery
RACS SET 2-5	Tamworth	Gen Surg	General Surgery
RACS SET 2-5	Taree	Gen Surg	General Surgery
RACS SET 2-5	Wyang	Gen Surg	General Surgery
RACS SET1	Calvary Mater	Gen Surg	General Surgery Mater
RACS SET1	Maitland	Gen Surg	General Surgery Maitland

Level	Hospital	Rotation	Team
RACS SET1	Tamworth	Gen Surg	General Surgery
RACS SET1	Taree	Gen Surg	General Surgery Taree
RACS SET1	Wyong	Gen Surg	General Surgery Wyong
RACS SET1	Armidale	Gen Surg	General Surgery
RACS SET1	Belmont	Gen Surg	General Surgery
RACS SET1	John Hunter	Gen Surg	Acute General Surgical Unit
REGISTRAR (UNACCRED)	Maitland	Gen Surg	General Surgery Maitland
SENIOR RESIDENT MEDICAL OFFICER	John Hunter	Gen Surg	General Surgery: (Research)
REGISTRAR (UNACCRED)	John Hunter	Gen Surg: (Surg Nights)	General Surgery: JHH Nights
REGISTRAR (UNACCRED)	John Hunter	Gen Surg: (Surg Nights)	General Surgery: JHH Nights
REGISTRAR (UNACCRED)	John Hunter	Gen Surg: (Surg Relief)	General Surgery: Relief
REGISTRAR (UNACCRED)	John Hunter	Gen Surg: (Surg Relief)	General Surgery: Relief
SENIOR RESIDENT MEDICAL OFFICER	John Hunter	Gen Surg: (Surg Relief)	General Surgery: Relief
SENIOR RESIDENT MEDICAL OFFICER	John Hunter	HDU / ICU	JHH: HDU/ICU (rotation)
RACS SET 2-5	John Hunter	Neurosurgery	Neurosurgery
RACS SET1 / REGISTRAR (UNACCRED)	John Hunter	Neurosurgery	Neurosurgery
REGISTRAR (UNACCRED) (SPINAL RESEARCH)	John Hunter	Neurosurgery	Neurosurgery (Spinal Research Registrar)
REGISTRAR (UNACCRED)	John Hunter	OMF	OMF
REGISTRAR (UNACCRED)	John Hunter	OMF	OMF
REGISTRAR (UNACCRED) / DENTAL OFFICER	John Hunter	OMF	OMF
RACS SET1	John Hunter	Ortho	Orthopaedics JHH
REGISTRAR (SERVICE)	Belmont	Ortho	Orthopaedics
REGISTRAR (SERVICE)	Gosford	Ortho	Orthopaedics
REGISTRAR (SERVICE)	John Hunter	Ortho	Orthopaedics JHH 4
REGISTRAR (SERVICE)	Lismore	Ortho	Orthopaedics
REGISTRAR (SERVICE)	Maitland	Ortho	Orthopaedics
REGISTRAR (SERVICE)	Maitland	Ortho	Orthopaedics
REGISTRAR (SERVICE)	Port Macquarie	Ortho	Orthopaedics
REGISTRAR (SERVICE)	Royal Newcastle	Ortho	Orthopaedics (Research)
REGISTRAR (SERVICE)	Tamworth	Ortho	Orthopaedics
REGISTRAR (SERVICE)	Tamworth	Ortho	Orthopaedics
REGISTRAR (SERVICE)	Taree	Ortho	Orthopaedics

Level	Hospital	Rotation	Team
SENIOR RESIDENT MEDICAL OFFICER	Royal Newcastle	Ortho	Orthopaedics Team 1
SENIOR RESIDENT MEDICAL OFFICER	Royal Newcastle	Ortho	Orthopaedics Team 3
SENIOR RESIDENT MEDICAL OFFICER	Royal Newcastle	Ortho	Orthopaedics Team 4
SENIOR RESIDENT MEDICAL OFFICER	Royal Newcastle	Ortho	Orthopaedics Team 6
REGISTRAR (SERVICE)	Royal Newcastle	Ortho Relief	Orthopaedics (Relief)
REGISTRAR (SERVICE)	Royal Newcastle	Ortho Relief	Orthopaedics (Relief)
REGISTRAR (UNACCRED)	John Hunter	Trauma	JHH: Trauma
RACS SET 2-5	Royal Newcastle	Urology	Urology
SENIOR RESIDENT MEDICAL OFFICER / RACS SET1	Royal Newcastle	Urology	RNH: Urology (rotation)
FELLOW	John Hunter	Vascular	Vascular
REGISTRAR (UNACCRED) / RACS SET 1	John Hunter	Vascular	JHH: Vascular 2

## RECRUITMENT

The following positions are being advertised for the 2009 medical year:

### HUNTER NEW ENGLAND SURGICAL NETWORK POSITIONS

The Hunter New England Surgical Network employs Postgraduate Year 3+ Surgical Senior Resident Medical Officers and Unaccredited Registrars to work in a Network of Hospitals. The Network offers a comprehensive surgical education and training program, aimed at providing all SRMOs and unaccredited registrars with the skills and knowledge required to apply to Royal Australasian College of Surgeons Surgical Education Training (SET).

#### General Surgery

- **Senior Resident Medical Officers, Non-Accredited (Postgraduate Year 3)**

Contact: Dr Frank Wang / Gail King (02) 4985 5280

\*Positions are suitable for doctors wishing to progress towards Royal Australasian College of Surgeons SET training.

- **Registrars, Non-Accredited (Postgraduate Year 4+)**

Contact: Dr Frank Wang / Gail King (02) 4985 5280

\*Positions are suitable for doctors interested in progressing towards Royal Australasian College of Surgeons SET training or for International Medical Graduates.

#### Orthopaedics

- **Orthopaedic Senior Resident Medical Officers, Non-Accredited**

Contact: Dr David Gill / Dr Ezekiel Tan / Ms Dianne Mansfield (02) 49223510

\*Positions are suitable for doctors wishing to progress towards applying for Royal Australasian College of Surgeons SET training.

- **Orthopaedic Registrars, Non-Accredited**

Contact: Dr David Gill / Dr Ezekiel Tan / Ms Dianne Mansfield (02) 49223510

\*Positions are suitable for doctors wishing to progress towards applying for Royal Australasian College of Surgeons SET training.

### JOHN HUNTER HOSPITAL POSITIONS

- **Cardiothoracics Fellow (Non-Accredited)**

Contact: Dr Allan James (02) 4921 4509

- **Neurosurgery Registrar (Non-Accredited)**

Contact: Dr Peter Spittaler (02) 49 698988

- **Spinal Research Registrar**

Contact: Dr Richard Ferch (02) 49621266

### ROYAL NEWCASTLE CENTRE POSITIONS

- **Ophthalmology Registrar, Non-Accredited**

Dr Chris Challinor (02) 49596333 / Ms Jessica Moore (02) 49223411

- **Orthopaedic Registrars, Non-Accredited**

Contact: Dr David Gill / Dr Ezekiel Tan / Ms Dianne Mansfield (02) 49223510

- **Orthopaedic Senior Resident Medical Officers, Non-Accredited**

Contact: Dr David Gill / Dr Ezekiel Tan / Ms Dianne Mansfield (02) 49223510

## GENERAL INFORMATION FOR POSITIONS

### Cardiothoracics

- **Cardiothoracics Registrar (Non-Accredited) John Hunter Hospital**

The Cardiothoracic Surgical Unit, at the John Hunter Hospital is a busy position. The Unit performs an average of 550 elective and emergency Cardiothoracic operations a year, including bypass surgery, valvular surgery, lung resection, oesophageal surgery and chest trauma.

### General Surgery

- **Surgery Senior Resident Medical Officers (Postgraduate Year 3)**

These positions are designed to introduce the SRMO to the duties of a surgical registrar, while offering extra support. The SRMO is expected to liaise closely with the JMO, as well as the more senior staff in the team. Some of the posts are designed to optimise the time available to study, while others are geared towards more intensive training with regards to clinical and practical skills.

**John Hunter:**

*ENT*

This term is available for doctors with special interest in ENT and also doctors training for GP practice requiring an ENT rotation. Overtime consists of 1:3 after hours cover for general surgery at Belmont or Calvary Mater Hospital.

*High Dependency Unit / Intensive Care Unit*

The ICU at the John Hunter is a busy 20 bed unit, which also runs a retrieval service. In the ICU you will be rostered on with an ICU registrar and ICU SRMO. This ensures that there are always two people in the department. During this term you will be expected to learn about the placement of long lines, advanced airway skills and the management of seriously ill patients with multi-system disease.

The High Dependency Unit (4 beds) looks after patients requiring close monitoring and observation, and/or CPAP/BIPAP. The Surgical SRMO will share responsibility for these 4 beds and a 4 bed Medical High Dependency Unit situated in the Intensive Care Unit.

*Relief*

Relief coverage can be at any Hospital / Rotation within the Network. This term will give you broad surgical exposure and experience.

*Emergency*

If you have not yet completed your required Emergency Term as part of your eligibility requirement for applying for RACS SET training we will negotiate options with the Emergency Department at the John Hunter Hospital, which is the trauma centre for the area that will expose you to a wide range of surgical conditions.

**Royal Newcastle:**

*Urology*

The Urology service is based at the Royal Newcastle Centre. Though there is a fair degree of paperwork and resident type duties attached to this post, there is also a lot of teaching and theatre opportunities for those willing to take them. Overtime consists of 1:3 after hours cover for general surgery at Belmont or Calvary Mater Hospital. This is also an excellent study term.

- **Surgery Registrar Unaccredited (PGY4+)**

This post involves rotation through a range of surgical sub-specialities plus a strong commitment to General Surgical training.

**John Hunter:**

*Vascular, Nights, Relief and Evenings*

**Maitland:**

*General Surgery:* A rotation in general surgery at this busy district hospital is highly sought after because of the clinical and hands-on experience gained during the rotation.

## Neurosurgery

- **Neurosurgical Registrars (John Hunter Hospital)**

This is a busy position with a fair degree of on-call commitment. There are six theatre lists per week, covering a wide spectrum of neurosurgical problems. As the Trauma Centre for northern New South Wales and the Hunter Valley, there is also a high level of emergency neurosurgery. Overall, there are approximately 800 cases per year. Previous occupants of this post have been very successful in obtaining an Accredited post.

## Orthopaedics

- **Orthopaedic (Senior Resident Medical Officers) (Non-Accredited)**

SRMO terms for resident staff interested in gaining more experience in orthopaedics are available following completion of the RMO1 (PGY-2) year. As well as patient care on the wards, SRMOs are expected to be actively involved in attending fracture clinic and operating theatre sessions.

- **Orthopaedics Service Registrar Positions (Non-Accredited)**

Registrar posts are available for those who are interested in continuing to develop skills in orthopaedics and/or preparing for application to the RACS for specialist training in Orthopaedics. The secondment rotations are especially useful for registrars who have fulfilled the academic requirement and wish to gain plenty of practical operative experience.

The range of rotations include:-

General Orthopaedics  
Foot and Ankle  
Hand Surgery  
Adult Joint Reconstruction  
Paediatrics  
Spine  
Trauma

Hospitals include:-

Royal Newcastle  
Belmont  
Gosford  
John Hunter  
Lismore  
Maitland  
Port Macquarie  
Tamworth  
Taree (Manning Base)

## TRAINING & EDUCATION

[www.hnehealth.nsw.gov.au/surgicaltraining](http://www.hnehealth.nsw.gov.au/surgicaltraining)

The Hunter New England Network offers an excellent training program for surgical training. Training includes on the job, classroom, practical, simulation and private study.

### General Surgery Training

Hunter New England offers great opportunity for training in surgery. Our training is unique in offering all trainees ample exposure to outpatient clinics and endoscopy.

Registrars & Senior Resident Medical Officers obtain hands on experience and can participate in the full spectrum of surgical activity from early in their training.

Whatever your vocational goals, HNE Surgery assures you of a satisfying and challenging training experience.

The College Accreditation Committee has recognised the general surgical training program at John Hunter Hospital as one of Australia's very best.

### Orthopaedics Training

The Department of Orthopaedic Surgery at the Royal Newcastle Centre is the centre of the Newcastle Orthopaedic Training Scheme. Training and developing our staff to provide a high quality orthopaedic service is a priority for us. A healthy schedule of teaching sessions is provided within the department.

Positions are available for unaccredited registrars and senior resident medical officers and offer valuable experience for those interested in pursuing orthopaedic training.

Positions for Accredited Registrars are coordinated by the AOA and advertised early each year. Accredited training in orthopaedics towards the FRACS is conducted over four years under the direction of the RACS and the Australian Orthopaedic Association (AOA). Training registrars are appointed to the Newcastle training scheme by the National selection process, which has been adopted by the AOA.

During training, registrars rotate through a variety of posts including elective, trauma, and rural services. We pride ourselves in the high operative caseloads that our trainees participate in. With the availability of separate elective and trauma rotations, our trainees do not suffer for lack of practical experience across the board.

#### Subspecialty services include:

- General Orthopaedics
- Orthopaedic Trauma
- Adult Joint Reconstruction
- Paediatric Orthopaedics
- Hand Surgery
- Foot and Ankle Surgery
- Spinal Surgery

## Education

[www.hnehealth.nsw.gov.au/surgicaltraining](http://www.hnehealth.nsw.gov.au/surgicaltraining)

### Formal Education Program

Trainees have access to protected teaching time each week to attend the formal Network education program held at John Hunter Hospital. The program is presented by Consultants. The format of this weekly education program is designed to assist trainees with preparation for the RACS Basic Sciences Examination.

The education program includes formal lectures including MCQs, practical sessions and practice clinical examinations.

These weekly education sessions are recorded and copies of DVDs, powerpoint presentations and MCQs are available for trainees. Copies of powerpoint presentations & MCQs are also available on the HNE Surgical Training Website. There is also the opportunity to attend regular SET2 sessions led by a consultant surgeon.

### Education Timetable 2008

- PRACTICE CLINICAL EXAM (OSCA) – twice per year prior to exams.
- PRACTICAL EDUCATION SESSIONS CONDUCTED IN NEW PURPOSE BUILT SURGICAL SKILLS ROOM:
  - For example:
    - Advanced suturing and anastomosis
    - Airway Management
    - Bowel anastomosis
    - Instruments, Knots and Sutures
    - Intercostal Chest Tube
    - Laparoscopic skills acquisition
    - Laparoscopic Sutures
    - OSCA Preparation
    - Tendon repair
    - Urology – Catheterisation, Suprapubic and Urethral
    - Vascular Anastomosis and Vessel Handling
    - Venous Cutdown
- CLASSROOM BASED (Including MCQs):
  - For example:
    - Embryology
    - Neuro Anatomy Part One: (Skull and Brain)
    - Neuro Anatomy Part Two: (Spine and Peripheral Nerves)
    - Head & Neck: (Basic Anatomy Upper Airway, Sinuses and Ear)
    - Oesophageal & Gastric Anatomy and Physiology
    - Chest Anatomy
    - Haematology
    - Muscle Physiology
    - Renal Physiology
    - Respiratory Physiology: (Part One)
    - Respiratory Part Two: (Post Operative Respiratory)
    - Cardiovascular Physiology MCQ Exam Preparation
    - Vascular
    - Abdominal – Pancreaticobiliary
    - Intestinal Anatomy & Physiology
    - Liver
    - Colorectal / Pelvis / Perineum
    - Renal: (Acute renal failure post op, Dialysis patients)
    - Transplant
    - CT Scans & X-Rays (Abdo/Thorax) x 4 sessions with Lindsay Rowe
    - Hand
    - Hip

- Lower Limb - Foot and Ankle
  - Lumbar Spine
  - Shoulders
  - Trauma
  - Immunology
  - Biochemistry, Hormones and Endocrine
- PROFESSIONAL DEVELOPMENT:
    - Interview Skills
  - WEEKEND EDUCATION SESSIONS:
    - Tamworth Country Cutting Festival
    - Vascular, Cardiac and Bowel Surgical Trainee Anastomotic Training Weekend
    - Anatomy Part One: Abdomen / Peritoneal Cavity & Thorax & Colorectal / Pelvis / Perineum
    - Anatomy Part Two: Neck / Thyroid / Scalp / Face / Parotid & Lower Limb & Upper Limb / Hand
    - Hunter Surgical Society Acute Surgery in the Vineyards Conference

### **Hunter New England Skills & Simulation Centre**

The Hunter New England (HNE) Skills & Simulation Centre based at John Hunter Hospital allows surgical trainees the opportunity to practice their suturing and laparoscopic skills in virtual reality as well as dry lab modules.

The HNE Skills & Simulation Centre was established in 2003 as a joint initiative between the University of Newcastle and the area health service. It is located within the Division of Surgery at the John Hunter Hospital and houses a suite of part-task trainers and mannequins.

The specific aims of the centre are:

- To provide a cross-disciplinary, inter-professional educational facility
- Provide training that targets integrated clinical management, procedural and communication skills
- Minimise adverse events Ensure fitness to function as part of a team Enhance patient and staff safety

Trainees have access to equipment and courses run by the skills & simulation centre.

There is a simulation-based program designed to increase participant comfort and knowledge in dealing with both the medical and non-medical aspects of a crisis based on the principles of Crisis Resource management.

Simulation based courses suitable for Surgical Trainees include:

- JMO Cardiac Arrest program
- Medical Emergency Team Training
- Intensive Training in Airway Management
- Difficult Airway Management
- Non-Anaesthetist Paediatric Sedation Program
- Simulation enhanced Advanced Life Support.

There are also opportunities to be involved in teaching and research.

### **Teaching On The Run**

The Centre for Medical Professional Development offers all medical staff the opportunity to participate in the nationally recognised Teaching on the Run Program workshops regularly throughout the year.

There are six modules in the Teaching on the Run Program: Clinical bedside teaching, Teaching clinical skills, Assessment and appraisal, Planning term learning, Effective group teaching, The Junior Medical Officer in difficulty.

### **Centre for Medical Professional Development**

The Centre for Medical Professional Development was established in September, 2004, through a partnership between Hunter New England Health and the School of Medical Practice and Population Health, University of Newcastle. The role of the Centre is to initiate, coordinate and broker the delivery of medical professional development to the Area's medical workforce of 1500 Doctors. Tailored programs have been developed for doctors joining us from overseas and for Career Medical Officers, in addition to the roll-out of Teaching on the Run for those interested in building their confidence and competence as clinical teachers. Future programs include Professional Development for Junior Consultants and courses in communication skills for risk management.

- Better Doctor Patient Communication to Enhance Patient Outcomes
- Working Towards Work/Life Balance
- Junior Consultants Program
- Teaching on the Run
- Interview Skills
- AMC Exam Preparation Study Group
- Simulated Medical Emergency Training for Career Medical Officers

### **Hunter Postgraduate Medical Institute**

[www.hpmi.org](http://www.hpmi.org)

The Hunter Postgraduate Medical Institute is committed to excellence in continuing professional development. HPMI is an independent, non-government, non-profit, medical education body that provides quality, independent Continuing Professional Development to the health profession in the Hunter region. One of HPMI's main objectives is to encourage lifelong learning.

The HPMI is closely affiliated with Faculty of Health, The University of Newcastle, Hunter New England Area Health Service, the Hunter Urban & Rural Divisions, General Practice Training Valley to Coast and the Australian Postgraduate Federation in Medicine and Specialist Colleges.

The HPMI also provides fund holding and secretarial services for various Specialist Societies, notably the Hunter Surgical Society, Newcastle Board of Orthopaedic Studies and the Hunter and Northern Society of Physicians.

HPMI offers complimentary membership for resident medical officers. The HPMI is the secretariat for the Hunter Surgical Society and surgical registrars are eligible for half membership fees. You will find further information on HPMI website.

### **State-wide Education Program**

The Institute of Medical Education and Training in conjunction with the Royal Australasian College of Surgeons organise State Wide Surgical Education Programs. The HNE Network strongly encourages trainees to attend these programs.

- Microbiology
- Pathology
- Physiology
- Anatomy

### **Research**

Research is strongly encouraged and supported. There are strong ties to the Newcastle University, with two Research Consultants attached to the Department of Surgery. Those interested in research are well catered for by the clinical activities in the Division of Surgery and by the University's strong reputation and facilities in genetics, familial cancer syndromes, immunology and molecular biology of cancer and wound healing. John Hunter Hospital is the chief teaching hospital for the University of Newcastle Medical School.

Involvement in research will provide an excellent opportunity to enhance your curriculum vitae to be more competitive for selection to the Royal Australasian College of Surgeons Surgical Education Trainee (SET) Program.

## **Hunter Medical Research Institute**

[www.hmri.net.au](http://www.hmri.net.au)

We encourage and support research through the HMRI, Australia's only regionally based, internationally competitive health and medical research institute.

Established in 1998, the Hunter Medical Research Institute (HMRI) is a unique partnership between Hunter New England Health, the University of Newcastle and the community. It provides a strong voice for health and medical research in our region.

The Hunter Region is increasingly recognised internationally for its strength in health and medical research, education and training. The establishment of HMRI is a unique opportunity to capitalise on the region's strategic advantage in health and medical research and biotechnology.

HMRI has several strategic advantages for health and medical research. The population of our region is stable and well characterised, with a mixture of ages, socio-economic status and urban/rural location that makes it a microcosm of Australia and ideal for population based studies. In addition, there is a strong technical, research and education base combined with a tradition of multidisciplinary research.

As a research hub, HMRI creates an environment that nurtures health and medical research. HMRI provides a focal point for the coordination of research strategy, resources and funding.

## HNE NETWORK HOSPITALS

[www.hnehealth.nsw.gov.au/surgicaltraining](http://www.hnehealth.nsw.gov.au/surgicaltraining)

### John Hunter and John Hunter Children's Hospitals

Lookout Road, New Lambton Heights NSW 2305

The John Hunter and John Hunter Children's Hospitals are tertiary referral centres for the Hunter New England (HNE) Area Health Service. Both hospitals are closely affiliated with the University of Newcastle. Hunter New England Health covers an area of more than 130,000 square kilometres (map attached) and currently has a population of 837,670 (ABS).

### John Hunter Hospital

John Hunter Hospital is the region's largest hospital with 550 beds (plus an additional 115 beds in the John Hunter Children's Hospital). [ICU beds 14, HDU beds 4, Cardiac ICU beds 5].

John Hunter Hospital has the busiest emergency department in the state and is the only trauma centre in NSW outside Sydney and Referrals are received from other major regional centres. A helicopter service is staffed by the Intensive Care Unit for retrievals.

John Hunter Hospital provides a range of services such as:

- a full range of surgical services with most sub-specialties in surgery including Cardiothoracic, Colorectal, Otolaryngology Head and Neck Surgery/ENT, General Surgery, HPB and Upper GI, Maxillofacial, Neurosurgery, Ophthalmology, Orthopaedics, Paediatric Surgery, Urology, Trauma and Vascular.
- a full range of sub-specialty medical services
- anaesthesia and intensive care
- emergency medicine
- high dependency
- kidney transplants
- neonatal intensive care
- obstetrics and gynaecology
- paediatrics
- pathology
- radiology

The hospital provides emergency and elective surgical care to the Newcastle, Lake Macquarie and Port Stephens regions in association with Belmont Hospital and Newcastle Calvary Mater Hospital. Maitland Hospital is the other major regional centre with a functional on call surgical roster. At present the majority of elective orthopaedic and urological surgery is conducted at the Royal Newcastle Centre located on the Rankin Park Campus adjoined to John Hunter Hospital. Surgery is well supported by Anaesthesia and Intensive Care. The Hunter Area Pathology Service provides pathology services. Hunter Health Imaging Services provides radiology services.

#### **Trauma:**

John Hunter Hospital is verified as a Level One Trauma Centre by the Royal Australasian College of Surgeons. John Hunter Hospital is the busiest trauma centre in NSW and treats more than 400 severely injured people every year, up to 20 per cent more than the next busiest trauma centre in Sydney. Last year 3,800 people with injuries classified as trauma were admitted to John Hunter Hospital. John Hunter Hospital is also the only trauma centre in NSW that cares for both adults and children. The John Hunter Hospital Trauma Service also plays a leading role in research, education and training. The Trauma Service is participating in several multi-centre research trails and regularly publishes in national and international scientific journals and present at scientific meetings.

#### **Emergency:**

John Hunter Hospital is a Level Six Emergency facility providing care for both Adult and Paediatric patients. It is the busiest emergency department in the state treating approximately 61,000 patients annually including paediatric, adolescent, adult and aged care patients. Actual attendances from 1<sup>st</sup> January to 31 December 2007 were 60,638.

## **John Hunter Children's Hospital**

John Hunter Children's Hospital is the flagship of Kaleidoscope, an integrated Hunter wide child health service that links a range of community and hospital based services. The John Hunter Children's Hospital is one of the three designated Children's Hospitals in NSW. The 115 bed tertiary facility provides care for those aged from 23 weeks to 18 years through the Hunter, New England and north to the Queensland border. Services provided include a Neonatal Intensive Care Unit, medical, surgical, adolescent and day stay facilities as well as a comprehensive outpatient service, Kids Kare Line and schooling facility.

## **John Hunter Hospital General Surgical Training**

John Hunter Hospital Surgery offers a broad based intensive training programme for all Surgical Education Trainees (SETs). As the regional trauma and tertiary-referral centre for the Hunter Valley and northern New South Wales, the hospital deals with a large number of complex cases. Trainees have exposure to outpatient clinics and endoscopy.

There is a dedicated focus on Continuing Medical Education (CME) and quality-assurance programs comprising regular audit and clinical meetings, training sessions, and access to the HNE Surgical Skills Room and the HNE Skills and Simulation Centre. All surgical staff participate in surgical education.

Research is strongly encouraged and supported. There are strong ties to the Newcastle University. Those interested in research are well catered for by the clinical activities in the Division of Surgery.

## **Royal Newcastle Centre**

Lookout Road, New Lambton 2305

### **Orthopaedics Training**

The orthopaedics department provides elective and trauma orthopaedic services to the Newcastle and the Hunter Valley region and is a tertiary referral teaching unit receiving patients from the North-East sector of New South Wales.

Subspecialty services include:

- General Orthopaedics
- Orthopaedic Trauma
- Adult Joint Reconstruction
- Paediatric Orthopaedics
- Hand Surgery
- Foot and Ankle Surgery
- Spinal Surgery

### **General Information**

The Royal Newcastle Centre has 84 inpatient beds in three wards and 60 interventional suite beds. It has three levels and includes procedure rooms catering for a wide range of clinical conditions, consulting rooms for a wide range of ambulatory (outpatient) care services, operating rooms, overnight and day wards.

The Royal Newcastle Centre provides treatment for patients in specialities such as:

- Orthopaedics
- Orthopaedic rehabilitation
- Rheumatology
- Urology
- Ophthalmology
- Dermatology
- Diabetes
- Immunology
- Podiatry

Other clinical services include medical and surgical outpatients, cardiac catheterisation, endoscopy, diagnostic radiology, pathology testing, surgical services, interventional procedures and the Hunter Integrated Pain Service.

## **Maitland**

550 - 560 High Street, Maitland NSW 2320

The Maitland Hospital is a health facility for the Upper and Lower Hunter Regions. The urban/rural population serviced is approximately 72,000 and incorporates Maitland, Cessnock, Kurri Kurri, Singleton, Muswellbrook, Dungog and Raymond Terrace. The hospital is located 35 minutes from the John Hunter Hospital and transport by air or road is facilitated by NSW Ambulance Services.

A comprehensive range of services is provided including medical and rehabilitation, surgical and day surgery, and maternity and child services. There is a busy Emergency Department, and a coronary care/high dependency unit. Mental health, dental and renal services are provided on-site, as well as diagnostic services. An array of allied health services, both hospital and community-based, includes occupational therapy, speech pathology, dietetics, psychology, physiotherapy and social work services. Other outpatient and community-based services include pre-admission and antenatal clinics, palliative care nursing and the post acute community care service (PACC), which provides care in the home, as opposed to care in the hospital setting, for suitable patients.

## **Mater Misericordiae**

Edith Street, Waratah NSW 2298

The Newcastle Mater Misericordiae provides a comprehensive range of services, including:

- 24 hour emergency care service
- clinical haematology (blood)
- clinical pharmacology & toxicology (drugs and poisons)
- critical care
- drug and alcohol
- general and specialised surgical including plastic surgery
- liaison psychiatry
- medical
- oncology (cancers)
- palliative and hospice care (care of the dying)
- radiotherapy

This facility is the Hunter region's major centre for oncology (cancer) services, which include haematology, breast cancer screening, diagnosis and treatment and melanoma prevention, diagnosis and treatment.

## **Belmont Hospital**

Croudace Bay Road, Belmont NSW 2280

Belmont Hospital is a 75-bed acute facility. Services provided include general medicine, general surgery, day surgery, coronary care unit, gynaecology, neonatal, obstetrics and a 24-hour emergency department.

The range of Allied Health Services includes Physiotherapy, Social Work, Dietetics, Speech Pathology and Occupational Therapy. Radiology and Pathology services are provided by Hunter New England Health.

## **Armidale Hospital**

Rusden Street, Armidale NSW 2350

Armidale Hospital is an accredited hospital serving the community since 1858. Accommodation is provided for all types of medical services including medicine, surgery, obstetrics, paediatrics, geriatrics and accident and emergency as well as outpatient clinics. Ancillary medical services including radiology, pathology, occupational and speech therapy, social work, physiotherapy and pharmacy are an integral part of the organisation and contribute to the high level of patient care at Armidale Hospital.

## **Tamworth Base Hospital**

Dean Street Tamworth NSW 2348

Tamworth Hospital provides 270 beds with a 24 hour Emergency Department, high level Surgical and Medical services, including a Diagnostic Cardiac Catheterisation laboratory, Burns Unit, Rehabilitation services (including Brain Injury), a Diabetes Centre, Banksia Mental Health Unit, Renal services, Oncology, Radiology and Pathology.

Outpatient clinics link the New England with specialist tertiary hospitals in Newcastle and Sydney.

Tamworth Community Health Centre is located in Johnson House adjacent to Tamworth Base Hospital, providing access to a range of community based health services. These include:

- Child and Family Health services, including Aboriginal Mother and Babies Service, a Child Development Service and a Family Care Cottage.
- Therapy and support services, including Genetic Counselling, Occupational Therapy, Physiotherapy, Psychology, Social Workers and Speech Pathology.
- Community Nursing, Continence Advisor, Diabetic Services, Hearing Services, Aged Care Assessment Team, Alcohol & Other Drugs Service, Palliative Care, Podiatry, Respiratory Services, Sexual Health, Women's Health, Primary Health staff for surrounding communities.

## **Manning Base Hospital (Taree)**

26 York Street, Taree NSW 2430

Manning Hospital - Taree provides a broad range of specialist services to the residents of Greater Taree, Great Lakes and Gloucester Local council areas.

The hospital has specialist wards/units for Surgery, Day Surgery, General Medicine, Critical Care, Obstetrics, Paediatrics, Emergency Services, Oncology, Palliative Care, Rehabilitation, High Dependency Nursing and Mental Health.

These facilities are backed up by a broad range of diagnostic and allied health services including Radiology, Ultrasound, Physiotherapy, Pharmacy, Pathology, Occupational Therapy, Social Work, ECG and Discharge Planning. Plus Administration and Hotel Services support.

Co-located with the health service are the Taree Community Health Centre, Public Dental Clinic, Mental Health Service and Drug and Alcohol Service incorporating the Methadone Treatment Unit.

The health service operates 166 beds including 20 Mental Health beds and treats approximately 12,000 inpatients and 20,000 Emergency Department patients each year.

## **ACCOMMODATION**

[www.hnehealth.nsw.gov.au/surgicaltraining](http://www.hnehealth.nsw.gov.au/surgicaltraining)

Property classified details can be easily found on the Internet

For Newcastle the popular suburbs for our medical staff are Cooks Hill, Bar Beach, Merewether, The Junction and Hamilton. These suburbs are all within 15 to 20 minutes drive from the John Hunter Hospital/Royal Newcastle Centre and are popular due to their proximity to beaches, pubs, cafes and restaurants. Those who prefer to live close to the John Hunter Hospital/ Royal Newcastle Centre usually choose Lambton and New Lambton.

## **LIFESTYLE**

[www.hnehealth.nsw.gov.au/surgicaltraining](http://www.hnehealth.nsw.gov.au/surgicaltraining)

Working for Hunter New England Health allows you to combine a challenging career with a great lifestyle. With HNE Health you will enjoy good working conditions and peer support in an environment conducive to further training.