



*Clinical Excellence Through
Research and Education*

Position Description for Clinical Fellow in Cardiothoracic Anaesthesia and Intensive Care at the Green Lane Dept of Cardiothoracic and ORL Anaesthesia, Auckland City Hospital

AIMS

- To develop broad exposure to, and expertise in, the sub-speciality of cardiothoracic anaesthesia.
- The Fellow will have the opportunity to develop a consultant-level approach and skills to patient assessment and the conduct of anaesthesia, as well as the opportunity to develop and improve teaching, TOE and research skills.

OUTLINE

- The Fellowship Program runs over 1 year, with 6 months being spent in Anaesthesia and 6 months in Cardiothoracic Intensive Care. At any one time there will be a maximum of two such Fellows in each department (four Fellows in total).

REQUIREMENTS

- The successful applicant will be able to register as a medical practitioner with the New Zealand Medical Council. Usually candidates who apply for fellowships are able to get registration as a post graduate trainee, provided they have a recognised post graduate qualification. Please visit the website of the medical council www.mcnz.org.nz and check the requirements and pathways for registration and check if you qualify)
- Applicants require experience in both general and cardiac anaesthesia, and intensive care
- An interest and some experience in research or audit activities is desirable
- An interest and some experience in teaching is desirable
- Recognised primary medical degree (e.g. MBChB) equivalent of 6 years is required
- A minimum of 2 years non anaesthesia clinical experience after primary medical degree is required
- Applicants should have completed (or be currently completing the final year of) specialist anaesthesia training, in a training programme of at least 5 years (e.g. equivalent to The New Zealand and Australian College of Anaesthetists (ANZCA) specialist training)
- Professional attitudes and behaviours are required

APPOINTMENTS PROCESS

- An application letter should be sent to Dr Sara Jane Allen (saraa@adhb.govt.nz) with a recent CV that **includes three referees** with their respective telephone, fax or email and postal addresses. Referees need to include **current** supervisors, clinical directors or senior colleagues that you are working with regularly.
- **The CV should specifically and clearly demonstrate compliance with the requirements of the position**
- The appointment committee consists of 2-3 cardiothoracic anaesthetists/intensivists
- Requests for references will be made to the referees of the candidate's choice. Your referees will be contacted by mail and telephone. Obtaining references does not indicate that you are the preferred candidate for a position, it is routine practice
- CVs, references, and your application letter will be used to rank candidates
- A shortlist of the best applicants will be produced
- The short listed applicants will be interviewed by a set list of structured interview questions by the selection committee
- The successful candidates will receive an offer of employment by mail
- All candidates will be informed of the outcome of their application but no explanation will be offered to unsuccessful candidates
- **NB: All appointments are subject to a second satisfactory report confirming fitness to practice from the applicant's current clinical director at one month before the appointment date**

DUTIES

Anaesthesia

- The rostered in-hours commitment is for 4½ days per week (i.e. 9 sessions of 5 hours each). Of these sessions the overall aim is for: 7-8 sessions clinical work and 1-2 sessions continuing medical education (CME) or non clinical duties (NCD). Clinical work will principally relate to adult cardiothoracic anaesthesia, but will also include exposure to the other areas of clinical practice at the Green Lane Department. The exact nature of the sessions will vary week to week, but may include:
 - Anaesthesia for cardiopulmonary bypass procedures (over 1100 cardiac surgery cases per year currently)
 - Anaesthesia for adult thoracic procedures
 - Anaesthesia for transplant, ventricular assist device (VAD), or extracorporeal membrane oxygenation (ECMO) procedures
 - Anaesthesia for transcatheter valve procedures
 - Anaesthesia for both adults and children undergoing cardiac catheterisation, ICD implantation, electrophysiology studies, and other cardiology procedures
 - Anaesthesia for patients undergoing ORL surgery (minor and major head and neck procedures, including difficult airway and shared airway surgeries)
 - Pre-operative assessment clinics
 - Perioperative transoesophageal echocardiography

- 1 session for continuing medical education
- 1 session will be flexibly allocated to clinical duties, teaching or research, the exact nature of this being agreed with the clinical director and rosterer

Anaesthesia on-call duties

- In addition to the above, approximately three weekends per six months and one weeknight every week will be required to cover general departmental on-call duties. The maximum rostered hours shall not exceed 55 in any week. If additional call duties are required this will be done on a volunteer basis with extra remuneration. Transplant and dissection stand-by call (not on site) will be rostered for one week at a time every other week. Transplant duties are either donor or recipient anaesthesia under appropriate supervision.

Intensive Care

- The Fellow will share the responsibilities for resident cover of the intensive care unit (ICU) with a Senior ICU Fellow, another combined anaesthesia/ICU Fellow and 9 RMOs, on a rotating roster system
- The average hours worked during this period are 40hrs/week, with a maximum of 72 hrs in any 7 days
- Clinical responsibilities will be for the perioperative management of the patients in the ICU, with supervision provided by the nominated Intensivist
- The ICU is a large, tertiary adult intensive care unit, with over 2200 admissions per year.
- Patients cared for in the ICU include:
 - Cardiothoracic surgery patients
 - Vascular surgery patients
 - Patients requiring ECMO (CVICU is NZ's single adult ECMO centre)
 - Patients with ventricular assist devices (VADs)
 - Critically ill cardiology patients including post cardiac arrest patients
 - Pulmonary hypertensive patients
 - Pulmonary embolus patients
 - Thoracic transplant patients (e.g. cardiac and lung transplant patients)

SUPERVISION and ASSESSMENTS

Fellows' progress is discussed regularly (every four weeks) at department meetings. Regular meetings with the Fellows Supervisor are scheduled, and every three months, a formal written assessment is provided and discussed with the Fellow. In-hours supervision in the initial two months is one to one by a consultant. Depending on the outcome of ongoing assessments supervision will be subsequently reduced to the lowest level as appropriate. The least supervision in hours is a consultant available in the department at all times but not dedicated to one operating room. After hours cardiothoracic work will always be supervised at a one to one consultant presence. Non-cardiac clinical work will be supervised at a level appropriate to the clinical case.

Supervision and advice will be available at **all** times if requested, either for clinical problems or research and teaching. At the end of 12 months Fellows will be awarded a certificate of completion of the Green Lane Cardiothoracic Anaesthesia and ICU Fellowship.

NON CLINICAL DUTIES

- It is expected that each fellow will complete one audit or research project during the fellowship, or take significant part in an ongoing project
- Teaching of other medical and non-medical staff as directed
- Participation in departmental CME and QA sessions and processes
- Participation in regular TOE review sessions
- Regular TOE dedicated clinical sessions with consultant supervision
- TOE experience is encouraged but does not take the place of acquiring clinical cardiac anaesthesia skills. To this end, sitting the TOE exam during the fellowship is not necessarily recommended, but will be supported if suitable commitment to clinical anaesthesia is maintained by the Fellow.

REMUNERATION

The base salary for this position will be \$111,750 (gross) pro rata which is Step 1 of the Medical Officer of Special Scale, Senior Medical & Dental Officers' Collective Agreement. This will be paid fortnightly in arrears by direct credit. You will also be entitled to \$16,000.00 for CME purposes. Your position is a full time position. Your actual hours of work are explained above. However you will be paid for 55.5 (1.3875 FTE) hours per week, Monday to Sunday, which is inclusive of on-call. You will also receive an availability allowance in recognition of your participation on the on call roster. **Your total salary, inclusive of calculated hours in and after hours for all duties and availability will be \$NZ 164,235.00.**