

WELLINGTON HOSPITAL INTENSIVE CARE SERVICES

RUN DESCRIPTION

POSITION Registrar - Intensive Care Services LOCATION

Level 3 Intensive Care Unit and Level 5 High Dependency Unit in Wellington Regional Hospital, and all areas where aspects of intensive care medicine are practised or where clinical advice is sought.

Main duties are to be performed in the ICU or HDU with additional duties including:

- Cardiac Arrest/Medical Emergency Team.
- · Trauma Team call outs to ED
- Inter-hospital patient transports with the Wellington Aeromedical Retrieval Service
- Assessment resuscitation and further treatment of critically ill patients referred to the Service.
- Provision of specialised services e.g. CV cannulation, airway management.

RUN PERIOD

6 months or 12 months

RUN RECOGNITION

Registrar positions are recognised as training positions for the following Australasian Colleges: College of Anaesthetists (ANZCA), College of Intensive Care Medicine (CICM), College of Physicians (RACP), College of Surgeons (RACS) and College of Emergency Medicine (ACEM).

All requirements specified by the Colleges regarding supervision, assistance, equipment, monitoring and other standards are to apply.

Intensive care training is only recognised by prior registration of training with the appropriate College, including CICM Core intensive care training.

College of Intensive Care Medicine (CICM) policy documents are available for reference.

RESPONSIBLE TO:

Professional and Line responsibility to the Clinical Leader.

CLINICAL RESPONSIBILITIES and WORK SCHEDULES

Refer Schedule One for specific timetabled events.

PATIENT CARE and SERVICE DELIVERY RESPONSIBILITIES

Patient care within the service is to be shared amongst the Registrars on duty for that day.

Under the supervision of the Intensive Care Services Specialist and Fellow or Senior Registrar, clinical responsibilities include:

- Assessment and treatment of all patients within ICU and HDU.
- Coordinating the treatment and assessment provided by other medical teams attending the patient in the ICU or HDU.
- Assessment and treatment of patients referred to Intensive Care Services medical staff by the patient's primary physician.
- Attendance, assessment and treatment of patients suffering medical and surgical emergencies (Cardiac Arrest and Trauma Team call outs).
- Patient retrievals from other hospitals. There may be a requirement to do patient transfers between hospitals other than Capital & Coast via road ambulance, helicopter or fixed wing aircraft as part of our aeromedical retrieval service. Escorting of patients shall be by agreement between the RMO and the employer.
- Interviews and meetings with the next of kin of patients as appropriate.
- Attendance at education activities as provided by the Service
- Assessment, recruitment and consent of patients involved in clinical trials being undertaken in the Intensive Care Unit

PROVISIONS FOR TRAINING and EDUCATION

Adequate provisions are made for training for:

- 1. Fellowship of ANZCA
- 2. Fellowship of CICM
- 3. Fellowship of RACP
- 4. Fellowship of RACS
- 5. Fellowship of ACEM

Ongoing education, development and the maintenance of skills will include:

- Provision of adequate degree of supervision for clinical duties
- Clinically orientated teaching
- Specific Registrar teaching
- Weekly Service audit and review meetings
- Four hours of education will be available per week as defined in the RDA contract. This includes a regular three hour dedicated registrar teaching session and optional Service QA and case reflection sessions. There is provision within the roster for registrars to be paid for 3 hours each Thursday (if not already rostered on) to attend the compulsory Thursday registrar teaching programme.

Training requirements and opportunities include:

Registrar Teaching Program	Thursday	12:00 – 14:00 or 15:00
Case reflection sessions	Every second Monday	13:00 – 14:00
Mortality Meeting and ICU Education	Friday	13:00 – 15:00
Paeds in-situ Simulation	Monthly on Wednesday	13:30 – 15:30

Attendance at teaching sessions of the Registrar's primary specialty may be possible depending on clinical workload.

Research and Review Activities

a) Research

Participation in and evaluation of research is considered an important aspect of registrar training and duties. This includes clinical trials and audit. Wellington Hospital Intensive Care Unit is involved in a number of major trials including multi-centred international trials, ANZICS Clinical Trials Group Trials and Medical Research Institute of New Zealand Trials. During your time at Wellington Intensive Care Unit you will be involved in clinical trials that will ultimately be published in high impact journals like the New England Journal of Medicine. This is a research unit and involvement in clinical trials is an important aspect of our work.

b) Review

Registrars will participate in the clinical audit/QA of Intensive Care Services involving:

- Weekly morbidity and mortality meetings.
- Assistance with documentation and information e.g, flight data, and bereavement follow up information.

PERFORMANCE APPRAISAL

This is a very important part of the run. Registrars will each have a dedicated SMO supervisor of training and can expect the following meetings;

- 1) An entry interview to discuss past experience, aims for this run and any areas of concern or potential difficulty within the first month
- 2) A formal mid run assessment and meeting with documentation after 3 months
- 3) An end of run formal assessment and meeting with documentation after 6 months

TRAINING, DEVELOPMENT AND SUPERVISION OF OTHER STAFF

Assist/participate as appropriate with the Service's in-service training programs and seminars.

SPECIALITY and SUB-SPECIALITY ROSTERS COVERED

The registrar participates in the Intensive Care Service roster. This roster comprises 19 registrars and 4 fellows / senior registrars, as well as 4 Wakefield / Wellington ICU registrars.

OTHER RESIDENT and SPECIALIST COVER

This run is covered by 15 Specialists and 4 Fellows or Senior Registrars.

REGISTRAR ROTATIONAL PATTERN

Week	Mon	Tue	Wed	Thur	Fri	Sat	Sun	Hours	Shifts
1	0	D	0	0	0	D	D		3
	0	13	0	3	0	13	13	42	
2	FN	FN	FN	FN	0	0	0		4
	0	0	0	3	0	0	0	3	
3	N	N	N	N	0	0	0		4
	13	13	13	13	0	0	0	52	
4	FD	D	D	D	0	0	0		4
	13	13	13	13	0	0	0	52	
5	R	R	R	R	R	R	R		
	0	0	0	3	0	0	0	43	
6	R	R	R	R	R	R	R		
	0	0	0	3	0	0	0	43	
7	0	0	0	D	FN	FN	FN		4
		0	0	13	0	0	0	13	
8	0	0	0	FD	D	D	D		4
	0	0	0	12	13	13	13	51	
9	0	0	HDUE	HDUE	HDUE	0	0		3
	0	0	8	11	8	0	0	27	
10	N	N	N	N	0	0	0		4
	13	13	13	13	0	0	0	52	
11	0	D	D	0	0	FD	FD		4
	0	13	13	3	0	12	12	53	
12	HDUE	HDUE	0	0	N	N	N		5
	8	8	0	3	13	13	13	58	
13	0	0	0	HDUD	HDUD	0	0		2
	0	0	0	8	8	0	0	16	
14	D	FD	D	0	FD	0	0		4
	13	12	13	3	12	0	0	53	
15	N	N	N	N	0	0	0		4
	13	13	13	13	0	0	0	52	
16	D	HDUD	HDUD	0	0	HDUW	HDUW		5
	13	8	8	3	0	13	13	58	
17	R	R	R	R	R	0	0		0
	0	0	0	3	0	0	0	43	
18	D	0	0	0	N	N	N		4
	13	0	0	3	13	13	13	55	
19	0	0	0	0	D	D	D		3
	0	0	0	3	13	13	13	42	
Total shifts	•	•	•	•	•			42.52632	61

HOURS OF WORK

This is a shift work roster. The following shifts are worked:

					Hrs
	D = DAY	8:00	•	21:00	13
RMO	FD = FLIGHT DAY	7:00	•	19:00	12
	N = NIGHT	20:00	•	9:00	13
	FN = FLIGHT NIGHT	19:00	-	7:00	0

0	HDUD = HDU Day	8:00	-	16:00	8
MM (HDUE= HDU Evening	15:00	•	23:00	8
	HDUW = HDU Weekend	8:00	-	21:00	13

RELIEF WEEKS

During relief weeks (Weeks 5, 6 and 17) registrars will provide cover for leave. They can only work a maximum of 5 shifts per week, therefore only 5 days (shifts) of leave from rostered duty will be granted per week. This will usually only be from one shift pattern unless there are exceptional circumstances (e.g. exam courses).

The relieving registrars will be given a minimum of 4 weeks' notice of any change to the rostered shifts. If the notice is less than 4 weeks you can decline to cover the leave request. If you accept you will be paid at additional rates for any hours outside Mon-Friday 8am -5pm.

It is preferred that leave not be requested when rostered to do the weekend Night Shifts because of the impact this has on covering leave requests for the following week.

If not rostered to cover leave the relieving registrars will not be required to be at work.

EXPECTED AVERAGE HOURS OF WORK PER WEEK

Registrars 42.5 average hours on duty + 4.4 hrs on call

Classification: Category F

In accordance with the RDA and STONZ SECA this run is paid as Category C (clause 8.1.5).

FLIGHT COVER

The intensive care service provides medical escorts for interhospital transfers. Cover is provided as follows and is designed to align with the Intensive Care Flight Nurse shifts

07:00 - 19:00 Flight day registrar. The shift is 7am to 7pm. If there is not a flight to do then the registrar will start work at 8am in the ICU and can leave the ICU at 5pm.

When not busy performing interhospital transports, the flight day registrar will be expected to assist with clinical duties within the ICU - they will be the primary registrar responsible for MET calls and external referrals.

19:00 – 07:00 Flight night registrar on call. On call from home but will be called in for flights as required. Call back rates will apply when called in. Occasionally the flight night registrar may be called in to cover clinical work on the floor due to sickness of another registrar or to allow another registrar (who may be more suitably skilled) to leave the unit on a flight.

If the Flight Day registrar works beyond 7pm then we will pay any extra hours at additional pay rates.

Weekdays Evening overlap

For day flights that might finish after 7pm (e.g. start after 3pm) there is an option for the HDU evening or float evening registrar to undertake the flight. The Flight Day registrar will then remain in the ICU or HDU until 7pm. Depending on the expected return time of the evening registrar the on duty SMO may call in the Flight Night registrar to help cover the clinical work in the unit.

Not Flying

Flight duties are optional. If a registrar does not want to fly during the run this is can accommodated. They will be rostered to flight duties. During a flight day shift we will send another registrar from within the unit. If rostered to a flight night on call shift then they will come into the unit to work and we will send either the Evening or Night registrar on duty.

We expect a flight between 8am and 7pm to occur 75% of days.

We expect a flight between 7pm and midnight to occur two days out of three on call.

We expect a flight after midnight to occur once every three nights on call.

ANNUAL LEAVE

Please try to request your annual leave as a whole week rather than 1 or 2 days. A whole week is better for you. The relieving registrars should ideally provide cover from one shift pattern. If you take 1 days leave you may prevent other registrars from taking leave that week.

You must request each shift you want leave for. You will be not automatically be granted leave for weekends unless you request it, if you are rostered to work.

ORIENTATION

Orientation sessions are run daily for the first three days of the run (the timetable will be sent before the run commences). All registrars are expected to attend even if rostered off or on flight evenings. If not rostered on duty they are paid in addition to your roster. The sessions will cover administrative issues, clinical management, and flight orientation and will include some simulation sessions. We are very reluctant to allow leave in the first week of the run as you will miss this.

Schedule One:

Attendance at:

Daily	08:00	Handover meeting
	08:45 – 10:30	Ward Round
	16:00	Ward Round
	20:00	Handover meeting
	20:30	Ward Round (for night registrars only)
Monday – Friday	10:30	Radiology Meeting
Tuesday and Friday	11:00	ID paper round
Tuesday	15:00	MDT round
Thursday	12:00 – 14:00	General Teaching
	14:00 – 15:00	Additional teaching (simulation, echo review etc)
Friday	13:00 – 15:00	Mortality Meeting and Departmental Education

Addendum One:

Shift changes / "swaps":

All proposed shift changes and shift swaps between registrars must be signed by both registrars. It will then be <u>prior-approved</u> by either Dr Jason Wright or Kelly McCausland (Administrative Coordinator). This protects both registrars from misunderstandings and allows us to ensure the changes do not compromise your safety.

8 Hour Break:

You may occasionally work beyond your shift or have a call back that would mean you would not have had an 8 hour break before your next rostered shift. If this situation occurs, it is **the registrar's responsibility to ensure that the 8 hour break is taken** by starting their next shift later than usual. The expectation is that an 8 hour break will always be taken and we will not expect you back before this. This situation rarely occurs and is usually associated with a patient transfer or retrieval.

WELLINGTON ICU/HDU WEEKDAY MEDICAL STAFF ALLOCATION

		S									g
		Ont.	1400-2200 Float								Wakefield Evening RMO
						Float	0800-1700 Float				Wakefield Day RMO
all like	Flight Night 1900-0700 On-Call	Flight Night									Flight RMO Night
					800-1700	Flight Day 0700-1900 On-Call. Work in ICU 0800-1700	0 700-1900 On	Flight Day			Flight RMO Day
					low)	Co-ordinates all referrals & ICU/HDU flow (see below)	l referrals & IC	o-ordinates al	0		Duty Intensivist*
	Ward work HDU	Meeting Room	ork HDU	Ward work HDU	1500 Ward Round HDU						HDU RMO Evening
HDU Work	퓸	Handover, <i>HDU</i>									HDU RMO Night
				Ward work HDU	Round HDU	waid work inco			29-40	Handover, HDU Meeting Room	нри ямо рау
On call for HDU	On ca	HDU Handover via Zoom	or HDU	On call for HDU	1500 Ward	Ward work HDII			HDU ward		HDU SMO
		Handover, ICU Seminar Room	Ward Work South		N SOUTH	ward work South			19-24		ICU RMO Day
					2	Wast work	HISTODOWI	Dept	ICU ward		ICU SMO South
	<i>y</i>		Ward Work Central	South)			ID meeting in ICU	meeting in Radiology			ICU RMO Day
Duty intensivist	ICU		Intensivist	ICU (begins at bed 19 in	Central	Ward work Central	Tip & Fri.	Badiology	round beds	Hoom	ICU Fellow
	Ward Round	Handover, ICU	Duty	Ward Round						Handover, ICU Seminar	ICU SMO Central
			Ward Work North		K North	ward work north			8-16		ICU RMO Day
									ICU ward		ICU SMO North
ICU Work, MET, Ward & ED Reviews	Ward Round IC ICU	Handover, ICU Seminar Room									ICU RMO Night
2130-0800	2030-2130	2000-2030	1700-2000	1600-1700	1600	1100-1600	1100-1115	1030-1100	0830-1030	0800-0830	
					TIME						нотрод

Areas/roles divided by solid horizontal lines. Shift start/end times divided by solid vertical lines. Grey filled areas show that role is not active during those times. SMO Rest Day, Wakefield NCD, and SHO roles are not shown here.

^{*}Duty Intensivist (DI): DI takes all external calls (regional hospitals), in-hospital referrals (ED, PACU, ward), PAR & MET reviews, receives & co-ordinates all retrievals, and works with the ICU ACNM Ops to manage flow in & out of all ICU/HDU beds as well as deciding if new patients are admitted to the ICU (Level 3) or HDU (Level 5).

WELLINGTON ICU/HDU WEEKEND & PUBLIC HOLIDAY MEDICAL STAFF ALLOCATION

	On-Call	Flight Night 1900-0700 On-Call	Flight					Flight RMO Night
				Flight Day 0700-1900 On-Call. Work in ICU 0800-1700	-Call. Work in I	0700-1900 Or	Flight Day	Flight RMO Day
HDU Work		Handover, HDU Meeting Room						HDU RMO Night
			HDU Ward Work			Round	HDU Meeting Room	HDU RMO Day
		On-Call to assist	On		ICU Ward Round	HDU Ward		++OMS UDH
								ICU RMO Day
			ICU Ward Work, MET, Ward & ED Reviews	ICU Ward V	Central, South	Centra		ICU RMO Day
		Seminar Room			ICU Ward Round North,	ICU Ward F	ICU Seminar Room	ICU RMO Day
Duty Intensivist		Handover ICI	Duty Intensivist				Handover,	ICU SMO DI*
ED Reviews	Ward Round							ICU RMO Night
ICH Mort MET Mord 8								ICU RMO Night
2130-0800	2030-2130	2000-2030	1700-2000	1600	1100-1600	0830-1030	0800-0830	0001017
.6			TIME					DOCTOR

Areas/roles divided by solid horizontal lines. Shift start/end times divided by solid vertical lines. Grey filled areas show that role is not active during those times.

*ICU SMO Duty Intensivist (DI) role is for 24-hours & responsible for ICU/HDU oversight, external calls, in-hospital referrals, PAR & MET, & retrieval co-ordination.

**HDU SMO role is for 24-hours but only resident until completion of the HDU & ICU ward-rounds. After this, they are on-call to assist at the request of the ICU SMO DI.

During weekends or immediately consecutive public holidays, the DI & HDU SMO roles swap-over the next day