



**The Royal
Melbourne
Hospital**

Advancing health for everyone, everyday.

Could this be you?

**Join The Royal
Melbourne
Hospital Team**



Position Description

Perioperative Biomedical Engineer

Our reputation for caring for all Melburnians is as essential to who we are as any scientific breakthrough we make. We're here when it matters most, and we'll continue to be the first to speak out for our diverse community's wellbeing.

Advancing health for everyone, every day.

- Be a great place to work and a great place to receive care
- Grow our Home First approach
- Realise the potential of the Melbourne Biomedical Precinct
- Become a digital health service
- Strive for sustainability

The Perioperative Biomedical Engineer plays a critical role in working with senior biomedical engineers supporting clinical services by ensuring the safe, effective, and efficient management of biomedical and clinical technologies within the hospital. This includes the inspection, evaluation, maintenance, and lifecycle management of medical devices and systems. The role ensures compliance with relevant standards and clinical governance. The role includes but is not limited to:

-

- Management of the Perioperative Services equipment assets as requested by the Perioperative Biomedical Engineer or the Clinical Engineering Department.
- Assist in the management of all Anaesthetic Equipment within Perioperative Services, Radiology and Cath Lab
- Perform a collaborative, technical function with regards to equipment used in the Perioperative Services, in particular, operation, maintenance, performance and evaluation and day to day usage under the supervision of the Biomedical Equipment Officer.
- Demonstrate equipment savvy, with a proficient level of competence in troubleshooting equipment issues and problems confronted in the Perioperative Services.
- Co-ordinate the repair and maintenance of Perioperative Services equipment.
- Organise clinical trials as requested by the Perioperative personnel in close liaison with Clinical Engineering.
- Assist in the management of company representatives.
- Order non-stock equipment accessories.
- Take reasonable care for your safety and wellbeing and that of others.
- Work in your scope of practice and seek help where required.
- Work in partnership with consumers, patients and where applicable carers and families.
- Work collaboratively with colleagues across all RMH teams.
- Continue to learn through mandatory training and other learning activities.
- Seek feedback on your work including participation in annual performance discussion.
- Speak up for safety, our values and wellbeing.
- Prioritise wellbeing and ensure safe work practices are developed and adhered to in their area.
- Respect that the RMH is a smoke-free environment.
- Ensuring that testing and maintenance of medical equipment is carried out in accordance with Australian Standard AS/N NZS 3551:2012
- “Technical management programs of medical devices”, and the Patient protected areas to be tested to AS/NZS 3003:2018 Electrical installations – Patient areas (Body and Cardiac) and other relevant Australian Standards as required.
- Maintain up to date technical and commercial knowledge in Medical Equipment Engineering and to attend training courses and seminars as required.
- Maintain knowledge of changes in local policies and procedures and keep abreast of the specific roles and responsibilities of the position.
- Carryout internal / external training as required
- Promote and sustain good interpersonal relationships, and the effective and timely liaison, communication and support between all areas of the service
- Build and maintain relationships with Perioperative team, Surgeons, Biomedical Engineering Department and other Divisions within Melbourne Health
- Provide clear and concise communication with Perioperative Services staff in the process of performing duties.

Internal

- ## External

- Perioperative Biomedical Engineer | Surgical Services | February 2026 5/7

- Experience in hospital-based biomedical equipment maintenance
- Working knowledge of key Australian Standards in Healthcare

- Demonstration of RMH values
- Achievement of portfolio specific KPI targets
- Participation in and satisfactory feedback through the annual performance review process
- Ability to maintain a safe working environment and ensure compliance with legislative requirements

- Aim to provide a working environment that is safe and without risk to the health, safety and wellbeing of all employees, patients and consumers, and visitors.
- Speak up for patient, consumer, colleague and visitor safety, escalating issues if required.
- Deliver Safe, Timely, Equitable, Person-centred Care (STEP) in line with our clinical governance framework.
- Work in accordance with relevant policies, procedures, standards and legislation including those related to clinical or competency requirements, risk management, discrimination, equal opportunity and health safety and wellbeing.

- **Equity, Inclusion, Belonging and Safety**
 - As a leader in healthcare, we recognise the need to foster a culture of equity, inclusion, and belonging — safe spaces where every individual is empowered to be their authentic self, contributing meaningfully to the collective well-being of our community.
- **First Nations Commitment**
 - We acknowledge and pay our respects to the Traditional Owners of the lands on which we work and stand in solidarity with Aboriginal and Torres Strait Islander peoples. We are committed to creating a culturally safe environment that honours First Nations voices, knowledge, and self-determination through inclusive governance, respectful policies, and a steadfast commitment to anti-racism. The Royal Melbourne aspires to lead by example in addressing the injustices of colonisation and its ongoing impacts.
- **Child Safe Standards**
 - RMH is a child safe organisation. We are dedicated to fostering an environment that respects and upholds the rights of children and young people, in line with the Child Safe Standards. We actively embed these standards in our culture, policies, and practices, ensuring that the safety and wellbeing of children and young people is a central priority.
- **Equal Opportunity and Accessibility**
 - We are proud to be an equal opportunity employer that champions diversity in all its forms. We value the strengths and perspectives that come from people of all backgrounds, identities, abilities, and lived experiences. We encourage applicants from all communities, and we will provide reasonable adjustments to support equitable participation.
- **Thriving Together**
 - Together, we are committed to fostering an environment where everyone feels respected, safe, and empowered to thrive.

I acknowledge and accept that this position description represents the duties, responsibilities and accountabilities that are expected of me in my employment in the position. I understand that The RMH reserves the right to modify position descriptions as required, however I will be consulted when this occurs.

Date _____