

YIHANG (HENRY) YANG

BIOMEDICAL / FIELD SERVICE ENGINEER

Medical Equipment Service | Clinical Engineering Support | PM, Repair and Verification
Sydney, NSW | 0436 016 660 | yangyihang96@gmail.com | Driver licence | Open to biomedical / medical device field service roles

PROFESSIONAL PROFILE

Biomedical / Field Service Engineer with nearly three years of full-time field and workshop service experience at Nova Biomedical. Strengths include preventive maintenance, fault diagnosis, corrective repair, electrical safety and performance checks, installation support and clear service documentation.

SERVICE COMPETENCIES

PM and repair: Preventive maintenance, fault diagnosis, repair and close-out.
Clinical equipment: Ventilation, monitoring, ultrasound, DEXA and pharmacy automation.
Documentation: Simpro records, service reports, serials and customer updates.

TECHNICAL SKILLS

Preventive maintenance, corrective service, troubleshooting, bench repair, installation support and verification
Electrical safety testing, functional testing, manufacturer procedures and service reports
Simpro work orders, equipment history, serial tracking and customer updates
Hospital biomedical team, clinical user, vendor and internal engineer communication
Microsoft Office and Excel, service manuals, vendor tools, MATLAB, SolidWorks and Visio
Mandarin Chinese native; English professional working proficiency

PROFESSIONAL EXPERIENCE

Biomedical Engineer | Nova Biomedical Pty Ltd | Australia-wide field service / workshop support

Jul 2023 - Present | Full-time, 38 hours per week

Perform field and workshop service for hospital and pharmacy medical equipment, including PM, troubleshooting, repair, installation support and verification.
Support Philips ventilation, patient monitoring and ultrasound work, plus BD / Pyxis, ROWA, Hologic / DEXA and general biomedical equipment support.
Maintain Simpro work orders, service reports, serial details and customer updates for hospital biomedical teams and internal engineers.

Pharmacovigilance Department Assistant | Lundbeck Beijing | Beijing, China

Dec 2019 - Feb 2020 | Internship

Supported adverse reaction record handling and drug-safety documentation for Lundbeck products listed in China.

EDUCATION

Master of Philosophy | The University of Sydney | Sydney, Australia

Awarded Jun 2024

Biomedical engineering research, experimental planning and technical documentation.

Bachelor of Biomedical Engineering | The University of Sydney | Sydney, Australia

Feb 2017 - Dec 2020

Medical science, biomedical design, data analysis and engineering design tools.

SELECTED ACADEMIC PROJECTS

Cochlear implant electrode impedance study; hospital-linked controllable blood pumping simulation.

TECHNICAL TRAINING AND CERTIFICATES

Philips service training across ventilation, patient monitoring and ultrasound equipment.
BD FIX100, Horizon EMI, Nova BioMedical Life Science and X-ray service / installation training.
Languages: Mandarin Chinese native; English professional working proficiency.