



The Cook Medical team thrives in the special culture of this family-owned global company while creating quality medical products that physicians rely on to help their patients. Right here in Queensland, the company manufactures sophisticated endovascular stent grafts used in treating life-threatening vascular diseases. Their Australian facilities also produce innovative IVF products, expanding the possibility of parenthood to a wider range of people around the world.

COOK MEDICAL AUSTRALIA

LIFE-CHANGING INNOVATIONS



Saving lives isn't the first thing you think of when you think of manufacturing. But at their facility in Eight Mile Plains, Cook is designing and manufacturing products that do just that. Pharmaceutical and medical technology is big business worth approximately \$6.7 billion to the Australian economy and growing rapidly. It's no wonder, given how important this area of manufacturing is. The medical technology industry, commonly known as medtech, represents an area where companies innovate, manufacture and supply cutting-edge healthcare solutions. This industry delivers the tools, equipment, tests and digital systems that are revolutionising patient care—enabling doctors to identify diseases sooner, perform procedures with minimal invasion, and provide treatments with improved effectiveness.

When it comes to effectiveness, innovation and quality, Cook is leading the way. From custom-made endovascular grafts to minimally invasive surgical tools, Cook specialises in medical technology used by nearly 60 clinical specialties.

“Everything we do impacts someone's life.”

Josh Griffin, Senior Manager, Manufacturing Operations at Cook Australia, wants to see Queensland continue to challenge healthcare standards and bring life-changing solutions to the market. “Innovation in medical technology is transformative not just for patients but for our entire healthcare system. Many of the devices we create at Cook are quite literally saving lives every day, though most people will never see them,” says Josh. “It's often the unseen products that add the most value to society, and our team takes immense pride in knowing that

each component we manufacture has the potential to dramatically improve someone's quality of life.”

Customer-centric Design

Design is central to Cook's mission of improving lives, with every product crafted to serve both patients and the healthcare professionals who deliver their care. “Our approach to product development always centres on addressing real clinical needs,” says Josh. “We work closely with physicians to understand the challenges they face during procedures and develop solutions that not only improve patient outcomes but also make the physician's job easier and more efficient.”

This collaborative approach extends beyond just functionality. Cook's products are designed with usability as a primary consideration, ensuring that complex medical devices remain intuitive and straightforward for healthcare professionals to use, even in high-pressure situations. “When a doctor is performing a delicate procedure, the last thing they need is to struggle with complicated equipment,” Josh notes. “Our design philosophy emphasises simplicity without compromising effectiveness.”

A global brand

From its base in Brisbane, Cook has firmly established itself as an industry leader, with products exported to 64 countries worldwide. “We're incredibly proud that products designed and manufactured right here in Queensland are used around the world,” says Josh. “What makes this even more significant is that both our flagship product families—endovascular grafts and IVF technologies—were invented and developed in Australia through partnerships with Perth-based vascular clinicians and pioneering fertility units in Melbourne and Sydney. Our facility represents Australian manufacturing excellence at its finest, combining precision engineering with homegrown medical innovation.”

High-quality, precision skills

The manufacturing of custom-made stent grafts at Cook Australia exemplifies the intersection of advanced technology and exceptional human skill. “Each stent graft we produce is unique, custom-made to fit a specific patient's anatomy,” Josh explains. “Our skilled technicians hand-sew and hand-knot each stent with medical-grade polyester thread, following precise specifications determined from the patient's imaging. The complexity of this work cannot be overstated – these devices must perform flawlessly in the most critical circumstances.”

This meticulous process represents a craft that few manufacturers worldwide can match. “The time taken to sew each stent depends on the complexity of the graft,” says Josh. “What makes our workforce special is their understanding that every stitch they make directly impacts a patient's life. That knowledge creates a culture of exceptional quality and attention to detail that machines simply cannot replicate.”

Diverse occupations and collaboration

Behind Cook's impressive manufacturing capabilities lies a diverse and highly skilled workforce of more than 800 employees. While precision manufacturing technicians form the backbone of production, the company employs professionals across engineering, quality assurance, regulatory affairs, research and development, and various business functions.

“What makes our operation unique is the integration of so many different skill sets focused on a singular mission,” Josh explains. “We have engineers working alongside medical specialists, quality experts collaborating with production teams, and researchers partnering with regulatory professionals. This multidisciplinary approach is essential for addressing the complex challenges of medical device manufacturing.”