

## Set your clinical engineering program on track to deliver safety, quality, and performance.

Medical devices are a vital element of modern healthcare and provide huge advancements and benefits to patient care. But they may also contribute to accidental injuries and deaths. How can you reduce the risk of harm from medical devices? Do you have proper processes in place to manage the complexity of integrated devices and health IT systems?

ECRI's Clinical Engineering Certification (CEC) program can help. Designed for hospitals' clinical/biomedical engineering departments, as well as for independent service organisations, ECRI's certification program is supported by over 50 years of unbiased research and experience in improving patient care.

### Certification helps you improve patient safety and quality of care

Our independent evaluators critically and objectively assess clinical engineering areas, based on ISO standards. The result? A detailed and actionable plan for improved safety and medical equipment management at your facility. The hands-on CEC program includes a baseline assessment, gap analysis, and a clearly outlined action plan to help you take the necessary corrective actions to produce measurable outcomes.

**Your trusted source for clinical and biomedical engineering certification. Backed by the experience, independence, and integrity of ECRI®**



### Clinical Engineering Certification Program provides benefits to healthcare organisations including:

- Forward looking independent hospitals under competitive financial and quality pressures. They may be looking at Clinical Engineering Certification (CEC) for better management reporting, safety and risk assessment, better utilising their expensive IT systems to improve safety, for technology assessments before investment in new equipment and may already have ISO 9001, ISO 14001 or JCI certification
- University Hospitals with operational challenges, face pressures to expand and must justify any investments in new technologies. Managing large number of patients means patient safety and risk management is always being scrutinised. The CEC programme provides the assurance that this is managed well.
- Hospital groups that want to optimise their planning, procurement and management activities by opting for shared services. CEC helps optimise internal costs without compromising on their quality and safety.
- Hospitals that have outsourced their Clinical Engineering Management can assess the quality and value of their service providers.



## Detailed and demanding assessments

Services are designed to meet the needs of biomedical and clinical engineers and include the following:

- On-site assessment of your organization's adherence to industry standards
- Assessment of biomedical/clinical engineering departments
- Assessment of systems for medical device management and device safety
- An inventory of required policies and procedures in need of development/revision
- Review of your computerised medical equipment management system including encompassing aspects of risk management in relation to IEC 80001-1
- Development of a plan for improvement

## ✓ Certification that goes beyond

ECRI's CEC sets you apart by providing important long-lasting benefits:

- Informs hospital management and governing boards about the proper functioning of your clinical engineering department
- Demonstrates that cost-effective and high-quality maintenance are being provided for medical equipment assets
- Sends a clear signal that you are fostering an environment and culture of patient safety and quality processes—in a world of technology dominance
- Enhances recruitment of higher quality engineering and technical talent

## Trusted certification program for the biomedical department

Have you already been assessed for ISO 9001 or by The Joint Commission? Don't let that stop you from pursuing this certification that optimises outcomes as well as processes. While the relevant sections on medical equipment management in other programs are useful, they simply don't address all of your special needs. The medical equipment management sections in ECRI's certification program include many key areas specifically related to biomedical and clinical engineering management and safety.

### About ECRI

ECRI is an independent, non-profit organisation improving the safety, quality, and cost-effectiveness of care across all healthcare settings. With a focus on patient safety, evidence-based medicine, and health technology decision solutions, ECRI is the trusted expert for healthcare leaders and agencies worldwide. The Institute for Safe Medication Practices (ISMP) is an ECRI affiliate.

Our mission is: advancing evidence-based and effective healthcare globally