

BIOMEDICAL ENGINEERING



Controlling Costs

Your facility's Clinical Engineering department has a major impact on protecting your facility's bottom line through:

- technology assessment - equipment evaluation, analysis and comparison;
- strategic planning - equipment forecasting, acquisition and replacement;
- warranty and service contract oversight;
- implementation of medical technology - maximizing the utilization of critical resources; and
- service and support - cost effective solution for equipment management.

Improving Patient Outcomes

Patient safety is paramount to clinical engineering - working on life-saving equipment at the point of care. They are responsible for:

- inspecting, installing, repairing medical technology;
- educating clinicians on the safe and effective use of equipment;
- working with IT to manage clinical technology networks;
- focusing on a safe patient environment;
- managing medical device recalls and alerts; and
- investigating device failures and near-misses.

Providing Clinical Support

Providing excellent customer service is a top priority for clinical engineering - and essential to physicians, nurses, and other caregivers. They:

- support hospital staff with on-the-spot technical expertise;
- keep up to date with cutting-edge technology and trends;
- offer guidance on medical technology purchasing;
- planning, facility design, and equipment disposal;
- ensure hospital compliance with national standards; and
- support for emergency clinical and environmental issues.



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