

10 things to know about medical device challenges facing healthcare organizations

Maintaining your equipment and implementing preventive maintenance strategies can be key to making sure your patients have a positive hospital stay. These preemptive measures can be reflected in Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) scores and the reimbursement levels hospitals receive.

Can proper maintenance of assets impact patient satisfaction and cost?

- 1** **62% of 195 hospitals surveyed** across the United States said that managing devices and systems on their IT network is the top medical device challenge.
- 2** **52% of organizations** said that integrating data into electronic health records (EHR) is a major concern because medical device integration allows for efficient workflow and flexibility in the data delivered to the EMR.
- 3** **44% of healthcare organizations** rated maintenance of infusion pump systems as a top concern since improper maintenance can lead to patients not receiving their appropriate dosage.
- 4** 41% listed **cyber security as a challenge** since the need for effective protection is increasingly important.
- 5** 36% said that **managing recalls is a major concern** since reaction time is critical before a faulty part could impact a patient's care.

How can healthcare organizations combat medical device challenges?

- 1** **Enterprise Asset Management (EAM)** systems provide staff with access to valuable data on the go so they can respond to maintenance requests without worrying about connectivity.
- 2** An EAM system allows for device integration enabling **the automatic transfer of data** in real-time from medical devices into electronic record.
- 3** An EAM solution can **measure equipment performance** and trigger maintenance alerts when performance falls below desired thresholds.
- 4** Asset management **helps with risk assessment** through regulatory and compliance requirements, and data from EAM helps determine the extent of exposure involved in a security risk.
- 5** The data captured in equipment operating systems and integrated with an EAM system can **trigger alerts to maintenance technicians** to proactively rehabilitate equipment before failure or a recall occurs.

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