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Maintenance and governance of perioperative informatics management systems

Seshadri Mudumbai
Stanford University School of Medicine, USA

As perioperative informatics management systems (PIMS) have been increasingly adopted and implemented by many healthcare facilities, attention is now being directed towards the ongoing maintenance and governance of PIMS. This attention is also necessary to align PIMS to the Triple aim recommendations developed by the institute for healthcare improvement. The triple aim recommendations include improving the patient experience of care (including quality and satisfaction); Improving the health of populations; and Reducing the per capita cost of health care. This presentation will provide information and best practices regarding maintenance and governance of PIMS with special emphasis on developing a checklist of key goals. Discussion topics will include upgrades, change requests, unintended consequences of bad change management or poor communication, and ongoing provider education issues. Author will also provide an review of best practices of Anesthesia Information Management System (AIMS) implementation, address the structure of PIMS, typical timelines and resource allocation systems as well as including PIMS in quality of care development.

Biography

Seshadri Mudumbai after completing both Patient Safety Fellowship and a Masters in Health Services Research at Stanford, he joined the faculty as an Assistant Professor in the Department of Anesthesiology, Perioperative, and Pain Medicine in 2014. He is the Medical Director for VISN 21 Clinical Informatics Systems and Perioperative Analytics, Veterans Health Administration. He helps lead a five person team with the maintenance and governance for VISN 21 perioperative informatics systems, PICIS, which is installed in the OR, PACU and ICU for five major facilities. He has helped to lead multiple major implementation of Picis and conduct research and publish on informatics issues.

mudumbai@stanford.edu

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