

Value Analysis: Perioperative Link in the Supply Chain

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Value Analysis: Perioperative Link in the Supply Chain

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Problem

The cost of surgical supplies continues to increase, despite decreased governmental and private insurance reimbursement. The need to control costs, while providing optimal patient outcomes, is paramount.

Method

With this in mind, an academic, community Magnet health network implemented a perioperative value analysis process to evaluate products based on clinical efficacy, safety, and cost.

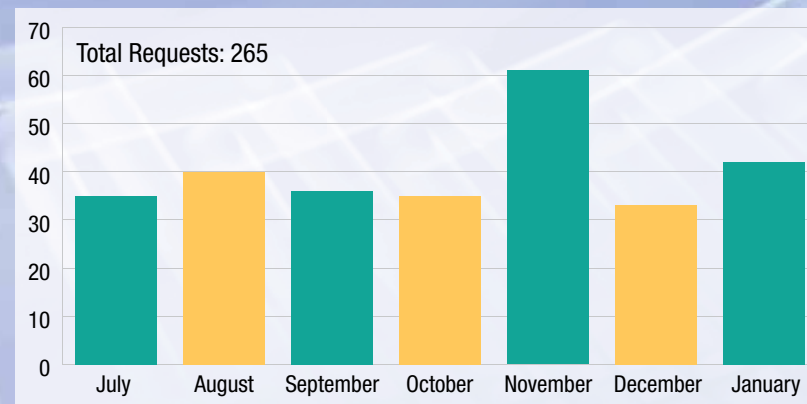
- Multidisciplinary team coupled with the Perioperative Products Nurse Specialist (PNS) to bridge the gap between the clinical and supply aspects of new products.
- Members meet bimonthly to discuss the addition of new products, process improvement, and standardization opportunities. Meetings include product presentations focused on evidence based research, cost, projected usage, and financial impact.
- Senior leadership provides oversight and guidance to the process.

Results

The PNS collaborates with perioperative leadership and Supply Chain Management.

- Approval of new products and elimination of current vendors may have serious impact on contracts and volume commitments, thus negating cost savings obtained through standardization initiatives.
- Multidisciplinary relationship provides the platform for discussion of products from both a clinical and financial perspective.
- The clinical link to supply chain through interactions with contracting, purchasing, and analytics is a key success factor for the value analysis process.

Monthly Value Analysis Requests FY11



New Product Introduction



Decisions by Value Analysis Are Multi-focal



Committee Structure

- Chair * (Administration Physician Leader)
- Clinical Vice-Chair * (Physician Leader)
- Administrative Vice-Chair (Perioperative Product Nurse Specialist)
- Physicians * – 5 members
- Operations Members * (Perioperative Administrator, Director of Periop, Director Supply Chain Management)
- Clinical Support * (STC: one from each site)
- Administration Support (VP Perioperative Services, Perioperative Business Manager, Supply Chain Contract & Product Manager, Supply Management Supervisor)
- Clerical Support (Secretary, Purchasing Coordinator)

* Denotes voting members

Value Analysis Model

Value Analysis defined:

A multidisciplinary process to evaluate products based on clinical efficacy, safety, and cost.

Purpose and Goals:

- Simplify and Shorten the Process for New Product Introduction
- Involve Physicians in the Process for New Product Introduction and Evaluation
- Improve Patient Safety by Enhancing Communication in Regards to New Product Introduction
- Improve OR Efficiency Through Standardization of Perioperative Products

Committees:

- Value Analysis Committee
- Value Analysis Team
- Value Analysis Steering Team
- Standardization Committee

Challenges and Lessons:

- Consistency
- Organization Structure
- Membership
- Education
- Paradigm Shift
- Physician Involvement

Future Direction

- Expansion across Health Network
- Continued education
- Continued collaboration
- On-line forms & reporting