

# Biomedical Engineering



## Seminar

### Development of a Performance Improvement Dashboard for the UConn Health Center/John Dempsey Hospital Perioperative Services Department

By

Kevin Larsen

Monday, April 25th, 2005

United Technologies Engineering Building, Room 150

11:00-12:00pm

#### **Abstract:**

The Performance Improvement Dashboard is a decision support system that allows managers in the UCHC/JDH operating room to not only monitor overall department performance, but also set realistic goals by providing them with relevant information. The dashboard provides information on several different performance metrics such as on-time case starts, patient throughput, and appropriate stocking levels for surgical inventory. All of the performance metrics are variables that contribute to the two key performance indicators: operating room utilization and supply chain management/inventory control. The system ultimately assists in improving department efficiency and financial performance by providing managers with actionable information.