Below is the content that will appear in the VITAL2015 poster compendium and on your VITAL2015 poster. Please review and **use track changes** to make any edits or comments, as well as to address any questions or comments from America’s Essential Hospitals staff.   
  
America’s Essential Hospitals staff will create and print your poster for you. You will receive a pdf of your poster by April 1 for final approval.

**Return your review and any accompanying materials to** [**Kristin Sinko**](mailto:ksinko@essentialhospitals.org) **no later than 5 pm ET, Friday, March 20.**Compendium abstract:  
**UC Davis Health System**

**Supply Optimization – An Ongoing Cycle of Improvement**

The health care industry wastes millions of dollars annually on unused medical supplies. To reduce cost and waste in UC Davis Health System’s operations, burn unit and supply chain staff worked together to explore possible solutions for their disorganized and costly supply carts.

A multidisciplinary team of key stakeholders from supply chain management, nursing leadership, ordering staff, and item end users, worked collaboratively for a year to make changes. The team’s recommendations included removing items that were not used within the past six months, reducing par levels of infrequently ordered items, and increasing par levels of high-utilization items. The group met monthly to analyze the data and to adjust par levels of inventory to match demand based on unit needs, redesigned the layout of the supply carts to improve workflow by grouping like items, and developed an awareness campaign to educate staff about supply costs and waste reduction. As a result of the team’s work, the system reduced supply shortages and created more efficient access to supplies. The team achieved an 11 percent reduction in inventory costs, and utilization patterns now reflect a greater awareness of cost containment and waste avoidance.

Poster content:  
**UC Davis Health System**

**Supply Optimization – An Ongoing Cycle of Improvement**

**Overview**

The health care industry wastes millions of dollars annually on unused medical supplies. To reduce cost and waste in UC Davis Health System’s operations, burn unit and supply chain staff worked together to explore possible solutions for their disorganized and costly supply carts. As a result of the team’s efforts, the system reduced supply shortages, created more efficient access to supplies, and reduced inventory costs.

**Premise/Problem**

The supply carts in UC Davis’ burn unit were disorganized and costly. The unit also often faced supply shortages.

**Methodology**

The group met monthly to analyze data and adjust par levels of inventory to match demand based on unit needs.

**Intervention/Innovation**

A multidisciplinary team of key stakeholders from supply chain management, nursing leadership, ordering staff, and item end users, worked collaboratively for a year to make changes. The team’s recommendations included removing items that were not used within the past six months, reducing par levels of infrequently ordered items, and increasing par levels of high-utilization items. They redesigned the layout of the supply carts to improve workflow by grouping like items, and developed an awareness campaign to educate staff about supply costs and waste reduction.

**Success/Outcomes**

As a result of the team’s work, the system reduced supply shortages and created more efficient access to supplies. The team achieved an 11 percent reduction in inventory costs, and utilization patterns now reflect a greater awareness of cost containment and waste avoidance.