Implementing Sustainable Supply Chain Initiatives Within UCLA Health

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Stakeholder: Sara Lindenfeld
Hospital Background

- **UCLA Health**
  - 600,000 patients per year

- **UCLA’s Ronald Reagan Medical Center**
  - 200,000 patients; 520 inpatient beds

- Average occupied hospital bed
  - 26 lbs of waste daily

Hospitals Nationwide Generate Per Year:

- 5.9 million tons of waste
- 215 metric tons of CO2 emissions
UCLA Health Sustainability: Accomplishments

- Recycling Program for OR and ICU
- Greener Bed Linen
- Washable Precaution Gowns
- Reusable Totes
- Reusable Sharps Containers
- Food Waste Collection
- Dining Facilities Near Zero Waste
UCLA Health Goal: Achieve 50% diversion from landfills of total waste by 2020

Initiatives:
- Improving packaging materials
- Reprocessing of single use devices
- Reformulating OR kits
- EPEAT-registered computers
- Office supplies
Team Goals

1. Evaluate UCLA Health’s supply chain
2. Research alternative products that other health centers are utilizing
3. Explore UCLA Health’s current suppliers for sustainable products provided
4. Recommend greener products that will minimize UCLA Health’s waste
Methodology

1. Literature Review
2. Review Office Supplies Purchasing History
3. Review Healthcare Purchasing History
4. Interview Experts
5. Hospital Tour
6. Research Product Suppliers
7. Determine Products
8. Recommend Products to UCLA Health

Case Studies
- UCSF Health
- KAISER PERMANENTE
Research Product Suppliers
- Vernacare
- Johnson & Johnson
Office Supplies

UCLA Health Office Formulary

Conclusion: SAR Housing 2016 Catalog
“Go for smaller products that hit more drivers; you want a story”

Hilary Beckmann, Associate Director of Sustainability at University of California Office of the President

“Greening the supply chain is not an easy task... doctors want to order their own preferred products”

Jacquelyn Hedlund, Hematologist at the Maine Medical Center
Recommendations

- **Reusable Laryngeal Mask**
- **Sterilization System**
- **FlexiPort EcoCuff**

- **Disposable → Reusable**
- **Improved Process**
- **Improved Material**
Challenges

- Navigating hospital regulations and protocol
  - Confidentiality
  - Liability
  - Infection Concerns

- Different values for stakeholders
  - Cost
  - Patient care

- Many individuals affected
  - Doctors, Nurses
  - Administration
  - Patients, Families

- Determining specific products
  - Unfamiliar products
  - Inconsistent terminology
  - Generalized information
  - Products already in use
Moving Forward

1. Connecting with Vendors
2. Implement Trial Periods
3. Host Focus Groups
4. Transition Purchasing
5. Evaluate Environmental Impacts Mitigated
6. Evaluate Improved Patient Care
THANK YOU

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