BAR-CODE TECHNOLOGY IN CSSD: RIGHT INSTRUMENTS AT RIGHT TIME FOR PATIENT CARE

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Reusable Medical Device Life Cycle

400,000 procedural sets/year
Key Challenges

- Right **Procedural Sets** to the right **Place** at a right **Time**
- Accurate distribution of **High-volume** procedural sets to wards/units
Accurate Distribution- How?
Accurate Distribution - How?

Unique QR code on Procedural Sets & Issue Form

United Christian Hospital
Central Sterile Supply Department
Receiving / Issuing Form

Ward: 12A

<table>
<thead>
<tr>
<th>Set Code</th>
<th>Qty</th>
<th>Set Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>2</td>
<td>Scissors</td>
</tr>
<tr>
<td>A2</td>
<td>1</td>
<td>Artery Forceps</td>
</tr>
<tr>
<td>Z1</td>
<td>2</td>
<td>S.S. Basket</td>
</tr>
<tr>
<td>Z2L</td>
<td>2</td>
<td>P.P. Box, Large</td>
</tr>
</tbody>
</table>

SPRS Form: 1

Issued: [blank] Checked: [blank] Date: 01/01/2012 1:25:46
Accurate Distribution- How?

Staff use the scanner to check the issued Procedural Sets against Issue Form
Modernization of Process

Re-usable Medical Device Life Cycle

- Disinfection
- Inspection
- Packaging
- Sterilization
- Storage
- Transport
- Used
- Distribution
- Cleaning
- Transport
Achievement

- Increased Accuracy of Distribution
  - The location of sets can be tracked
- Lean Management
  - One staff is relieved from the activity of counter checking
- Users’ Satisfaction
  - They receive correct sets and quantity
- Patient Safety
  - Correct sets and quantity are available at right time for patient service
THANK YOU