Third Consensus Development Conference on the Safety of Intravenous Drug Delivery Systems

Pharmacy Standards and Guidelines

Robert Campbell, PharmD
Director, Clinical Standards Interpretation Hospital / Ambulatory Programs and Medication Management

The Joint Commission

November 1-3, 2018 • The W City Center Hotel • 172 W. Adams • Chicago, Illinois
The Joint Commission

• Accredit or Certify over 21,000 health care organizations
• Founded in 1951

• Provides accreditation within 6 programs
  • Hospital: General, children’s, psychiatric, rehabilitation and critical access hospitals
  • Ambulatory care: Includes group practices and office-based surgery practices
  • Nursing care center: Includes nursing homes and rehabilitation centers
  • Behavioral health care and addiction services
  • Home care: Includes medical equipment, pharmacy and hospice services
  • Laboratory services: Independent or freestanding clinical laboratories

• Provides certification in 7 programs and specialties
  • Behavioral Health Homes
  • Health Care Staffing Services
  • Integrated Care
  • Medication Compounding
  • Memory Care
  • Patient Blood Management
  • Primary Care Medical Home Certification
MEDICATION PREPARATION
Accreditation Focus

- Proper aseptic technique
- Proper PPE
- Media Fill Competency
- Fingertip testing competency
- Didactic Competency
- Hazardous Medication Competency

- Oversight - Accountability
- Policy Implementation
- Knowledge

- Proper PEC placement
- Testing and Certification
- ISO level designations
- Reduction of highly pathogenic organisms
- Excessive CFU count

- Proper product storage
- Proper product labeling
  - Appropriate BUD assignment
  - Correct complexity level assessment

- Proper PPE
- Media Fill Competency
- Fingertip testing competency
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- Oversight - Accountability
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Standards Application

• Utilization of Accreditation Chapters
  • Environment of Care
  • Human Resources
  • Infection Control
  • Leadership
  • Medication Management
  • Performance Improvement
  • Medication Compounding*

*Home Care Accreditation Only
Lessons learned

- Overall lack of scrutiny of testing and certification completed on engineering controls
- Ineffective communication between departments has driven quality risks
- Lack of or partial Integration within the hospital Quality Assurance Performance Improvement (QAPI) program
  - Leads to lack of data analysis
  - Identification of trends
  - Sensitivity of surveillance can restrict cause and affect results
- Knowledge deficit curbing support
Forward Momentum

• Organizational awareness and integration
• How do we connect Hospital Acquired Infections to potential contamination of compounded sterile products
• Outcomes of survey follow up process
  • Enhances robust process improvement steps
  • Leadership engagement
  • Implementation of ongoing evaluation of processes
## Results of Survey Activity

### SAFER Matrix Distribution

<table>
<thead>
<tr>
<th>Risk Level</th>
<th>Limited</th>
<th>Pattern</th>
<th>Wide</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT</td>
<td>2.80%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>High</td>
<td>6.29%</td>
<td>9.79%</td>
<td>11.19%</td>
</tr>
<tr>
<td>Mod</td>
<td>13.29%</td>
<td>25.17%</td>
<td>9.79%</td>
</tr>
<tr>
<td>Low</td>
<td>11.19%</td>
<td>10.49%</td>
<td></td>
</tr>
</tbody>
</table>

- **2.80%**
- **6.29%**
- **13.29%**
- **11.19%**
- **27.27%**
- **48.25%**
- **21.68%**
MEDICATION ADMINISTRATION
IV Medication Labeling

National Patient Safety Goals
• 167/1700 surveys had this scored

Medication Management Requirements
• 53/1700
IV administration and smart pumps

NPSG.03.05.01 Safe Anticoagulant therapy

When heparin is administered intravenously and continuously, use programmable pumps in order to provide consistent and accurate dosing.

Full compliance in 1700 surveys conducted
Utilizing data to improve performance

MM.08.01.01

- Data collection
- Data analysis
- Change determination
- Monitoring and evaluation of impact
Looking Forward

• Limited ability in accreditation perspective to become more prescriptive in smart pump requirement

• Focus towards utilization of performance improvement data

• Determine impact of medication shortages on workflow processes with IV pump technology.
Questions