Research Scholars Poster Presentation

2nd Place: Integrated Care Coordination-Case Management Facilitated Multidisciplinary Rounding to Improve Discharge Process

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Integrated Care Coordination-Case Management Facilitated Multidisciplinary Rounding to Improve Discharge Process

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**Introduction**

Case Managers (CMs) are trained nurses and social workers who organize non-clinical functions surrounding inpatient stay.

**CM Functions:**
- Education
- Continuity of Care
- Compliance
- Transition Management
- Utilization Management

**Objectives:**
- Determine if implementing standardized Case Management multidisciplinary discharge rounds would reduce rounding time, decrease the average patient length of stay (LOS) and meet the Institute for Healthcare Improvement Quadruple Aim (better outcomes, lower costs, improved patient experience, and improved clinician experience)?

**Methods**

- 6-Day program for CM facilitated multidisciplinary discharge rounds on 5 Kasych at Lehigh Valley Hospital–Cedar Crest (LVH-CC)
- **Key metrics:** rounding length, length of stay

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<thead>
<tr>
<th>Data Item</th>
<th>Key Takeaways</th>
<th>Analysis</th>
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<tbody>
<tr>
<td>CM Functions</td>
<td>CM Functions are important to set priorities for the day</td>
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<td>CMs have the knowledge base to properly discharge patients</td>
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<td>CMs understand outpatient resources</td>
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<td>Rounding length, length of stay at every patient</td>
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<td><strong>Q:</strong> Do you have any recommendations to improve CM facilitation of discharge rounds?</td>
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**Results**

Surveyed 9 medical residents on 5 Kasych about experiences with CM and collaborative rounding.

**Graph:** SK Multidisciplinary Round Length

The above graph shows the length of the daily collaborative discharge rounds during the 6-day pilot from 7/18/18 to 7/25/18.

**Conclusions**

- During the pilot, multidisciplinary rounds lasted an average of 30.2 minutes, an improvement from previous rounds which lasted 35-45 minutes
- Each patient received standard level of care during discharge rounding
- Modifying rounding leadership requires buy in and training
  - Providers and nurses may be reluctant to release discussion ownership
  - Case Managers may be challenged by increased responsibility
- LOS improvement is not measurable at this time
- Pilot was too short to determine statistically significant change in LOS

**Future Recommendations**

- Conduct complete LOS study after 1 month implementation of CM led rounding
- Extend program to additional floors in LVH-CC, modifying script to meet needs and challenges of each team
- Leverage 5 Kasych CMs to train peers
- Develop Epic report with relevant discharge information to reduce preparation time for CMs
- Connect inpatient Case Management and outpatient Care Management to reduce LOS

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1 ACCA Compass. (n.d.) Case Management Scope of Services, Practice and Education. Retrieved from https://portal.acmaweb.org/