An Interdisciplinary Team Approach to Reducing HAPIs

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Patients in the Intensive Care Unit (ICU) are at high risk for Hospital Acquired Pressure Injuries (HAPI) due to their comorbidity. Each year, more than 2.5 million people in the US reportedly develop pressure injuries which results in 29,000 deaths (Naghavi et al., 2014). Development of a HAPI affects the patient’s quality of life, morbidity, mortality, hospital reimbursement, and the hospital’s quality reporting indicators (Montague, 2017). Patients that remain in the same position for an extended period of time, have an increased chance of developing skin breakdown.

**Purpose**
- Use an interdisciplinary approach to reposition patients in the ICU with a Braden Scale score of 18 or less.
- Implement Evidence Based Practice (EBP) to improve patient outcomes.
- Improve job performance and enhance teamwork.
- Decrease adverse events / complications related to not repositioning patients in a timely manner.

**Methods of Implementation**
- Used Clinical Excellence Through Evidence-Based Practice (CETEP) model to guide the turn team project.
- Audits on patient repositioning performed in July 2016.
- Discussed results of audits and proposed the interdisciplinary turn team during shift huddles in August 2016.
- Educated all ICU staff during the August 2016 monthly staff meetings.
- Implemented the interdisciplinary turn team in September 2016.
- Designed a white board with time slots every two hours.
- Two staff members sign up for every time slot.
- Performed daily audits for the first month after implementation to ensure staff compliance with repositioning patients.

**Results**

**Turn Team**

<table>
<thead>
<tr>
<th>Time</th>
<th>Name</th>
<th>Name</th>
<th>Braden Score</th>
<th>Room #</th>
</tr>
</thead>
<tbody>
<tr>
<td>0900</td>
<td>Griselle</td>
<td>Roger</td>
<td>11</td>
<td>801</td>
</tr>
<tr>
<td>1100</td>
<td>Dollys</td>
<td>Isabel</td>
<td>9</td>
<td>802</td>
</tr>
<tr>
<td>1300</td>
<td>Jennifer</td>
<td>Iris</td>
<td>803</td>
<td>804</td>
</tr>
<tr>
<td>1500</td>
<td>Jillian</td>
<td>Olga</td>
<td>805</td>
<td>806</td>
</tr>
<tr>
<td>1700</td>
<td>Gladys</td>
<td>Miguel</td>
<td>807</td>
<td>808</td>
</tr>
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<td>2100</td>
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<td></td>
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<tr>
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</tr>
<tr>
<td>0500</td>
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</tr>
</tbody>
</table>

**Discussion**

ICU implemented evidence based practice to create the interdisciplinary turn team. Members that participate in the turn team are direct care nurses, clinical partners, respiratory therapists, patient care supervisors and the patient care manager which have created a team approach in reducing HAPIs. The success of the ICU’s interdisciplinary turn team demonstrates the need to take a collaborate approach to improving patient outcomes.

**References**
