DISCLAIMER

Mepilex company graciously donated the dressings for the trial period.
They also provided an educational grant for 10 UVM students to attend this conference.

OBJECTIVES

- By the end of the presentation you will be able to discuss the need for preventative measures regarding sacral pressure ulcers.
- By the end of the presentation you will be able to discuss the role of the Mepilex Border Sacrum Dressing in sacral ulcer prevention.

BACKGROUND

- What is a Pressure Ulcer?
- Impact of Pressure Ulcers.
- SICU Population.
- Role of Mepilex Border Sacrum.

PROBLEM

- SICU 2011=11 PU
- FAHC 2011=101 PU
- SICU 2012=12 PU
- FAHC 2012=66PU

APPROACH

- Education.
- Inclusion Criteria.
- SICU RN Role.
- Data Collection.
RESULTS

• 41 Patients met criteria.

• Trial period from 9/1/13 to 9/30/13.

• 0 Pressure ulcers were reported for the month of September.

DISCUSSION

Descriptive Statistics

<table>
<thead>
<tr>
<th></th>
<th>N</th>
<th>Minimum</th>
<th>Maximum</th>
<th>Mean</th>
<th>Std. Deviation</th>
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</thead>
<tbody>
<tr>
<td>Braden Score</td>
<td>41</td>
<td>8</td>
<td>15</td>
<td>13.00</td>
<td>1.643</td>
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<tr>
<td>Length of hospital stay</td>
<td>41</td>
<td>5</td>
<td>67</td>
<td>18.17</td>
<td>14.563</td>
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</table>

DISCUSSION CON’T

Gender in %

- FEMALE
- MALE

DISCUSSION CON’T

Diagnosis

<table>
<thead>
<tr>
<th>Diagnosis</th>
<th>Frequency</th>
<th>Percent</th>
<th>Valid Percent</th>
<th>Cumulative Percent</th>
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</thead>
<tbody>
<tr>
<td>Trauma</td>
<td>10</td>
<td>24.4</td>
<td>24.4</td>
<td>24.4</td>
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<tr>
<td>CV</td>
<td>13</td>
<td>31.7</td>
<td>31.7</td>
<td>56.1</td>
</tr>
<tr>
<td>NS</td>
<td>4</td>
<td>9.8</td>
<td>9.8</td>
<td>65.9</td>
</tr>
<tr>
<td>Other</td>
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<td>34.1</td>
<td>34.1</td>
<td>100.0</td>
</tr>
<tr>
<td>Total</td>
<td>41</td>
<td>100.0</td>
<td>100.0</td>
<td></td>
</tr>
</tbody>
</table>

DISCUSSION CON’T

INCONTINENCE IN %

- FECAL
- URINARY
- NONE
- BOTH

COST ANALYSIS

• 139 (7.2x7.2) and 4 (9.2x9.2) dressings were used during the pilot.

• FAHC Novation Tier 5 GPO Pricing:
  7.2x7.2 = $6.26
  9.2x9.2 = $9.83
**COST ANALYSIS CON’T**

- Sept. Cost = $909.46
- Yearly Cost = $10,913.52

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**COST ANALYSIS/PATIENT**

- 143 dressings (139 small + 4 big)
- 143/41 = 3.5 dressings needed to keep one pt. PU free.
- In dollars:
  
  \[
  3.5 \times 6.26 \text{(small)} = 21.91 \\
  3.5 \times 9.83 \text{(large)} = 34.4
  \]

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**DISCUSSION**

**PREVENTION VS COST OF ONE PRESSURE ULCER**

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**THANK YOU**

- Wound, Ostomy and Continence (WOC) nurse at FAHC.
- FAHC SICU RN’s.
- FAHC SICU Management.
- UVM’s Senior Nursing Class.

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**QUESTIONS**

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**REFERENCES**

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- Dickinson, S., Tschannen, N., & Shever, L. (2013). Can the use of an early mobility program reduce the incidence of pressure ulcers in a Surgical Critical Care Unit? *Critical Care Nursing Quarterly*, 36(1), 127-140. doi:10.1097/CNC.0b013e31827538a1


THE END