RARE DISEASE TASK FORCE

STREAMLINING PAPERWORK

September 8, 2017

DAVID MARRO
PEOPLES MEDICAL
• STREAMLINING THE DELIVERY OF DURABLE MEDICAL EQUIPMENT (DME)

• ACCESS TO DME HAS BECOME EXTREMELY DIFFICULT

• HOW THE STATE CAN HELP
<table>
<thead>
<tr>
<th>DATE</th>
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<tbody>
<tr>
<td>TOTAL</td>
<td>10,465</td>
<td>9,270</td>
<td>8,954</td>
<td>8,704</td>
<td>8,523</td>
<td>8,382</td>
<td>8,347</td>
<td>6,548</td>
<td>6,442</td>
<td>6,311</td>
<td>6,181</td>
<td>6,086</td>
</tr>
</tbody>
</table>

**Number of Unique Supplier Companies by State**

<table>
<thead>
<tr>
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<th>4/15</th>
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</tr>
</tbody>
</table>

**Difference Between 7/13 and 07/17**

- AK: -16.7%
- AL: -3.5%
- AR: -24.5%
- AZ: -33.1%
- CA: -27.8%
- CO: -29.0%
- CT: -26.2%
- DC: -35.7%
- DE: -31.8%
- FL: -26.8%
- GA: -26.8%
- HI: -30.8%
- IA: -23.5%
- ID: -13.2%
- IL: -17.5%
- IN: -20.3%
- KS: -22.6%
- KY: -17.2%
- LA: -15.2%
- MA: -13.2%
- MD: -56.4%
- ME: -4.9%
- MI: -28.0%
- MN: -34.9%
- MO: -23.6%
- MS: -30.3%
- MT: -16.4%
- NC: -33.1%

**Between last quarter (April 2017)**

- AK: -3.0%
- AL: -1.4%
- AR: -0.8%
- AZ: -1.5%
- CA: 3.1%
- CO: 0.6%
- CT: 2.1%
- DC: 0.0%
- DE: 0.0%
- FL: 2.1%
- GA: 3.1%
- HI: 3.9%
- IA: 1.7%
- ID: 6.3%
- IL: 1.7%
- IN: 0.0%
- KS: 1.7%
- KY: 0.0%
- LA: 4.8%
- MA: 6.8%
- MD: 3.3%
- ME: 0.0%
- MI: 2.5%
- MN: 0.0%
- MO: 1.3%
- MS: 1.1%
- MT: 0.0%
- NC: 2.9%

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<table>
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<tr>
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<td>6,086</td>
</tr>
</tbody>
</table>

**Difference Between 7/13 and 07/17**

- NM: -2.3%
- NV: -4.2%
- NY: -11.1%
- OH: -7.9%
- OK: -2.6%
- OR: -3.6%
- PA: -4.4%
- SC: -10.0%
- SD: -8.6%
- TN: -13.1%
- TX: -4.7%
- UT: -6.0%
- VA: -12.1%
- VT: -14.5%
- WA: -5.5%
- WI: -2.6%
- WY: -6.9%

**Between last quarter (April 2017)**

- NM: 4.5%
- NV: 2.6%
- NY: 3.8%
- OH: 1.9%
- OK: 0.7%
- OR: 1.8%
- PA: 0.0%
- SC: 3.3%
- SD: 3.3%
- TN: 3.7%
- TX: 0.6%
- UT: 2.1%
- VA: 1.2%
- VT: 5.9%
- WA: 5.9%
- WI: 2.6%
- WY: 3.6%

**Number of DMEPOS Locations (Rooftops) by State**

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<td>10,504</td>
<td>10,278</td>
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**Difference Between 7/13 and 07/17**

- AK: -10.3%
- AL: -2.1%
- AR: -1.2%
- AZ: -1.1%
- CA: -1.0%
- CO: -1.6%
- CT: -1.8%
- DC: 0.9%
- DE: 1.1%
- FL: 1.1%
- GA: 1.1%
- HI: 1.1%
- IA: 1.1%
- ID: 1.3%
- IL: 1.3%
- IN: 1.3%
- KS: 1.3%
- KY: 1.3%
- LA: 1.3%
- MA: 1.3%
- MD: 1.3%
- ME: 1.3%
- MI: 1.3%
- MN: 1.3%
- MO: 1.3%
- MS: 1.3%
- MT: 1.3%
- NC: 1.3%

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- GA: -1.3%
- HI: -1.3%
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- IL: -1.3%
- IN: -1.3%
- KS: -1.3%
- KY: -1.3%
- LA: -1.3%
- MA: -1.3%
- MD: -1.3%
- ME: -1.3%
- MI: -1.3%
- MN: -1.3%
- MO: -1.3%
- MS: -1.3%
- MT: -1.3%
- NC: -1.3%
<table>
<thead>
<tr>
<th>Service</th>
<th>Total Suppliers</th>
<th>Average Distance (miles)</th>
<th>Less than 50 miles</th>
<th>Out of state</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPAP</td>
<td>28</td>
<td>946</td>
<td>6</td>
<td>25</td>
</tr>
<tr>
<td>Manual Power Chair</td>
<td>8</td>
<td>187</td>
<td>4</td>
<td>4</td>
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<tr>
<td>Oxygen</td>
<td>29</td>
<td>466</td>
<td>11</td>
<td>17</td>
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<tr>
<td>Hospital Beds</td>
<td>16</td>
<td>115</td>
<td>7</td>
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<td>ENES</td>
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<td>N/A</td>
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<td>4</td>
<td>11</td>
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<td>Support Surfaces</td>
<td>12</td>
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<td>5</td>
</tr>
<tr>
<td>Walkers</td>
<td>14</td>
<td>574</td>
<td>4</td>
<td>11</td>
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</tbody>
</table>
HARTFORD-WEST HARTFORD-EAST HARTFORD, CT

CPAP
Total Suppliers: 28
Average Distance (miles): 1035
Less than 50 miles: 4
Out of state: 24

Manual Power Chair
Total Suppliers: 10
Average Distance (miles): 174
Less than 50 miles: 5
Out of state: 4

Oxygen
Total Suppliers: 28
Average Distance (miles): 466
Less than 50 miles: 13
Out of state: 14

Hospital Beds
Total Suppliers: 16
Average Distance (miles): 132
Less than 50 miles: 9
Out of state: 6

ENES
Total Suppliers: 25
Average Distance (miles): 548
Less than 50 miles: 6
Out of state: 16

Mail Order Diabetic
Total Suppliers: 23
Average Distance (miles): N/A
Less than 50 miles: N/A
Out of state: 23

NPWTP
Total Suppliers: 14
Average Distance (miles): 836
Less than 50 miles: 4
Out of state: 10

Support Surfaces
Total Suppliers: 13
Average Distance (miles): 259
Less than 50 miles: 7
Out of state: 4

Walkers
Total Suppliers: 20
Average Distance (miles): 498
Less than 50 miles: 8
Out of state: 11
# NEW HAVEN-MILFORD, CT

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<td>CPAP</td>
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<td></td>
</tr>
<tr>
<td>Total Suppliers</td>
<td>23</td>
<td></td>
</tr>
<tr>
<td>Average Distance (miles)</td>
<td>1116</td>
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</tr>
<tr>
<td>Less than 50 miles</td>
<td>3</td>
<td></td>
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<tr>
<td>Out of state</td>
<td>20</td>
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<table>
<thead>
<tr>
<th>Category</th>
<th>Total Suppliers</th>
<th>Average Distance (miles)</th>
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<tbody>
<tr>
<td>Manual Power Chair</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Suppliers</td>
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<tr>
<td>Average Distance (miles)</td>
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<th>Category</th>
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<th>Average Distance (miles)</th>
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<td>Oxygen</td>
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<td>Average Distance (miles)</td>
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<tr>
<th>Category</th>
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<tbody>
<tr>
<td>Hospital Beds</td>
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<tr>
<td>Total Suppliers</td>
<td>14</td>
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<th>Average Distance (miles)</th>
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<tbody>
<tr>
<td>ENES</td>
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<tr>
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<tr>
<td>Average Distance (miles)</td>
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<tr>
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<table>
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<tr>
<th>Category</th>
<th>Total Suppliers</th>
<th>Average Distance (miles)</th>
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<tbody>
<tr>
<td>Mail Order Diabetic</td>
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<td></td>
</tr>
<tr>
<td>Total Suppliers</td>
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<td></td>
</tr>
<tr>
<td>Average Distance (miles)</td>
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</tr>
<tr>
<td>Less than 50 miles</td>
<td>N/A</td>
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</tr>
<tr>
<td>Out of state</td>
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<tr>
<td>NPWTP</td>
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<tr>
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<th>Average Distance (miles)</th>
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</thead>
<tbody>
<tr>
<td>Support Surfaces</td>
<td></td>
<td></td>
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<tr>
<td>Total Suppliers</td>
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<td></td>
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<tr>
<td>Average Distance (miles)</td>
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<tbody>
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<td>Walkers</td>
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<td></td>
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<tr>
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</tbody>
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Source of Report: Competitive Bidding Implementation Contractor (CBIC)
Run Date: 7/18/2011
COPD READMISSION PROGRAM

Peoples Medical and Pharmacy are the experts in respiratory care and durable medical equipment (DME).

We have developed a home care based, respiratory centered COPD program to help reduce the 30 day hospital re-admissions for patients enrolled in our COPD Program.

Our objective is to be the eyes and ears for all cause re-admissions for COPD and Pneumonia through continuity of care.

The program consists of face to face respiratory therapist visits at days 2, 7, and 30 after hospital discharge. The program uses educational, oxygen titration, assessments, and safety training during the encounters.

The use of a respiratory therapist based patient management focused program resulted in a successful decrease in the readmission rate for patients with COPD exacerbations who are using oxygen therapy.
**Reducing The 30 Day Readmission Rate for Patients With COPD, CHF, PNA**

Kenneth Winn MHA, RRT, Ashley Georgia MHA, RRT, Sebastian Amato, Dave Marro

Yale New Haven Hospital and People’s Medical

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**Background**

The Respiratory Department at Yale New Haven Hospital identified a problem with the current care model for COPD patients. The main issue is that patients are discharged from the hospital without necessary home treatments, resulting in frequent readmissions. The goal was to develop a more effective care model to reduce readmissions.

**Methods**

- **Patients & Data**: Patients discharged from Yale New Haven Hospital were included in the study. The data was collected from October 2014 to January 2015.
- **Study Design**: A randomized controlled trial was conducted. The study group received an intervention, while the control group did not.
- **Intervention**: The intervention involved teaching patients about COPD management, providing personalized care plans, and offering follow-up support.

**Results**

- **Outcome Measures**: The primary outcome was the 30-day readmission rate.
- **Data Analysis**: The data was analyzed using the chi-square test.

**Results Table**

<table>
<thead>
<tr>
<th>Group</th>
<th>30 Day Readmission Rate</th>
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<tr>
<td>Non-Intervention</td>
<td>15%</td>
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<tr>
<td>Intervention</td>
<td>10%</td>
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</table>

**Conclusion**

- The intervention group had a significantly lower readmission rate, indicating the effectiveness of the intervention.

**Implications**

- Implementing this intervention could potentially lead to cost savings for the healthcare system.
- Further research is needed to confirm the long-term effectiveness of the intervention.

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**Abstract**

The Respiratory Department at Yale New Haven Hospital identified a high 30-day readmission rate for COPD patients. To address this issue, a randomized controlled trial was conducted to evaluate the effectiveness of an intervention. Patients in the intervention group received personalized care plans and follow-up support. The results showed a significant reduction in the 30-day readmission rate for the intervention group compared to the control group. Further studies are recommended to evaluate the long-term impact of this intervention.
Peoples Medical Medicare COPD Hospital
Re-Admission Prevention Program

Re-Admission Rate Jan. 1st - Aug. 31st 2017

The above data is hospital based from a total of 17 patients who participated in our program. 2 of those patients were rehospitalized within 30 days of discharge.

- Peoples Medical Respiratory Therapists conduct a follow-up visit in the patient’s home who are on oxygen therapy for pneumonia, COPD, CHF, or for patients requested by the hospital for special consideration.

- Peoples Medical RTs make a total of 3 visits to program patients in the home on day 2, day 7, and day 30 after the original discharge date. The RTs provide education on O2 equipment, smoking cessation, disease management, breathing techniques, safety precautions, etc.

- Our goal is to be the “eyes and ears” for the hospital in the home to coach patients on the proper use of their oxygen equipment, to live a healthy lifestyle, and KEEP THE PATIENT OUT OF THE HOSPITAL. We provide continuous reporting to designated hospital staff on all the patients the requested to be put on the program.