SJHMC ASTHMA PROGRAM

Full Implementation of Asthma Program
January 26, 2015

- Pediatrics and Adult Population
  - Inpatients
  - Outpatients
<table>
<thead>
<tr>
<th>Asthma Education</th>
<th>Pediatric Resident</th>
<th>Nurse</th>
<th>RT</th>
<th>Pharmacist</th>
<th>Case Manager</th>
<th>Asthma Navigator</th>
<th>Paramedic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discuss all items that trigger patient’s asthma</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Provide a written copy of Asthma Treatment Plan, after discussing all aspects of plan</td>
<td></td>
<td>✓</td>
<td></td>
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</tr>
<tr>
<td>Display Roxy to the rescue video and channel 56 (pediatric nurses)</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Teach correct techniques for administering medication Properly</td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Initiate interdisciplinary form/Page asthma Educator</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Counsel patients on asthma medications/access of meds/ dispense Meds</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Reinforce asthma education/discuss asthma discharge folder. Provide asthma self-management knowledge</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Access of home meds &amp; equipment/ indigent care/follow-up appointments/transition of care</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Home Evaluations</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
</tr>
</tbody>
</table>
The Four Phases

Phase 1
- Promote NHBLI guidelines
- Understanding Asthma
- Asthma Medications
- Inhalers and Nebulizers

Phase 2
- Asthma Triggers
- Healthy Home Assessment

Phase 3
- Asthma Action Plan
- The Peak Flow Meter

Phase 4
- Follow up appointments
- Smoking Cessation Program
Asthma Education Materials
# SJHMC Asthma Project Data

<table>
<thead>
<tr>
<th>Date of Service</th>
<th>Total Adult Patients Seen</th>
<th>Total Pediatric Patients Seen</th>
<th>Total Repeat Visits or Admissions &lt; 30 days Adults</th>
<th>Total Repeat Visits or Admissions &lt; 30 days Pediatrics</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Emergency Department</td>
<td>Emergency Department</td>
<td>Emergency Department</td>
<td>Emergency Department</td>
</tr>
<tr>
<td>April-15</td>
<td>70</td>
<td>34</td>
<td>13</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>Inpatient</td>
<td>Inpatient</td>
<td>Inpatient</td>
<td>Inpatient</td>
</tr>
<tr>
<td>May-15</td>
<td>81</td>
<td>39</td>
<td>20</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>Inpatient</td>
<td>Inpatient</td>
<td>Inpatient</td>
<td>Inpatient</td>
</tr>
<tr>
<td>June-15*</td>
<td>57</td>
<td>17</td>
<td>9</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Inpatient</td>
<td>Inpatient</td>
<td>Inpatient</td>
<td>Inpatient</td>
</tr>
<tr>
<td>TOTAL</td>
<td>208</td>
<td>90</td>
<td>42</td>
<td>62</td>
</tr>
</tbody>
</table>

TOTAL: 208, 126, 90, 42, 62, 6, 6, 1
6 indigent inpatients were given a 30 day supply of asthma management medications

- 5 out of 6 patients have not returned

New discharge booklets a combination of previous discharge folder
PROJECT PROJECTIONS

ASTHMA PROGRAM SAVINGS PROJECTION

- 1.4 MILLION
- Reduction of 59 admissions
- Reduction of 0.5 days
- 20% reduction in ED visits
St. Joseph’s Healthcare System offers specialized care for patients coping with Asthma. Our inter-professional certified asthma education team includes Registered Respiratory Therapists (RRT), Advanced Practice Nurses (APN) and pharmacists, as well as physicians, case managers and paramedics – all available to offer Asthma education to our pediatric and adult patient population in our Emergency Departments and in-patient settings.

Each Asthma education encounter includes standardized asthma best practice guidelines, individualized to fulfill the needs of each patient. St. Joseph’s is one of few hospitals in New Jersey to provide up to a 60 minute one-on-one educational session for Asthma patients, including pediatric and adult patient follow-up visits during the entire stay. This allows us to better assess the patient’s readiness to learn, while maximizing the engagement to learn of both patient and family/caregiver. A patient’s learning style and ability to learn are all considered before and during education. We also offer our Asthma education in Spanish.

In addition to our Asthma Program, St. Joseph’s offers a tobacco treatment referral program. All of our Asthma educators and health care team members provide smoking cessation education. When a patient is identified who wishes to quit smoking, their information is then provided to our Certified Tobacco Treatment Specialists in order to enroll them into the St. Joseph’s Healthcare System treatment program. Our program referrals also extend into other departments such as the St. Joseph’s Radiology Department, which uses state-of-the-art cancer screening equipment. This inter-professional care allows us to provide excellent patient experiences.

If you have questions regarding the Asthma and/or tobacco treatment and Smoking Cessation programs at St. Joseph’s, please contact Rachel Morales, MS, RRT, AE-C, CTTS, at 973.754.2415 or moralesr@sjhmc.org.
SJHMC Smoking Cessation Program

- 5 Certified Treatment Tobacco Specialist
- March 10, 2015
- 6 week sessions
- RN, RTs, LSW, and Pharmacist

Take Control and Breathe Easy
Smoking Cessation Program

Let us help you take control by:
- Improving and preventing further health issues
- Eliminating your need to smoke
- Enjoying your time with your family and friends

Our team will support you with:
- Methods to stop smoking
- Recommended nicotine replacement therapy medications
- A 6-week peer counseling program with support of our certified tobacco treatment specialists

Questions? Call Rachel Morales, 973.754.2415 or Cleore Bustamante, 973.754.4662, for details.

Smoking Cessation Program
6-week class available for:
- June 2, 2015 - July 7, 2015
- September 15, 2015 - October 13, 2015
- October 20, 2015 - November 14, 2015
- January 12, 2016 - February 16, 2016
5:00 p.m. - 6:00 p.m.

21 Getty Avenue
400 Hospital Plaza Building, Rm L126
Parsippany, NJ 07055 + Free Parking

Please register on the following link:
www.rsverbook.com/SmokingCessation

Directions are provided on RSVP Book.
Space is limited.
Challenges

Hospital
- Following NHBLI EPR-3 guidelines
- Notification

Asthma Staff
- Hybrid hospital patient’s charts
- Clinic patients are paper only
- Need of a champion physician

Patients
- Medication Adherence
  - Cost
  - Medication Rx refill
- Follow-up appointment in PCP/clinics
- Denial
- Patients with illicit drug use
Next Steps

- ED flag alert for patients in ED < 30 days and inpatient flag alert < 30 days of a readmission
- Interdisciplinary team to receive alerts
- Asthma Navigator start relationships with patients and physicians
- Improve asthma self-care management
- Reducing asthma readmissions
Partnerships

- Continue our partnership with our FQHC North Hudson Action Community Corp (reporting partner)
- Partnership with PACNJ & ALA
  - Certified facilitator for Freedom For Smoking
- Meeting with LC1 Colleagues
- Establishing quarterly meetings with our LC1 colleagues
Any Questions
“Challenges are what make life interesting and overcoming them is what makes life meaningful.”
Joshua J. Marine