Hospital-Based Educators Teach Optimal Asthma Care

Presented by

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Asthma Program Coordinator

February 12, 2015
Pilot Program

- Pilot kickoff was on September 8th
- Implemented a standardized asthma education
- Pediatrics ED & pediatric floor
  - Asthma Educator’s education checklist
  - DVD/Channel 56 videos all from PACNJ
  - Asthma educator’s book
  - Patient’s Discharge Folder
- Follow-up
## Interdisciplinary Team Roles

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

PEDIATRICS ED

ED
RN, RT

TRIAGE: CHIEF COMPLIANT/DX OF ASTHMA

CALL BEEPER
# 1916 ED and #1912

THE ASTHMA EDUCATOR:
INTERVIEWS PATIENT
PROVIDES one of the following: ACT (4y-11y) OR Adult ACQ (>12y)
RECOMMENDS PCP to follow the NHLBI EPR-3 ASTHMA MGMT
PLAYS educational ASTHMA CHANNEL/DVD VIDEOS

DISCHARGED

1. Completes and follows the 4 phases asthma educator checklist
2. Fills out and reviews the ACTION PLAN for ED MD or PCP to fill out
3. Provides/Discusses the patient’s Discharge Asthma Education Folder
4. Notify pharmacy if the patient does not have a prescription plan (indigent) for pharmacy to dispense free 30-day supply meds
5. Arranges Case Management for a patient follow-up appointment with PCP/clinic (until navigator is hired)
6. Documents in Medhost and bills in Soarian Financials

ADMITTED SETON 4

1. Follow-up daily with asthma patient visits to deliver asthma education/asthma management (ACT/ACQ surveys if not yet done)
2. Uses the asthma videos on TV or DVD player
3. Completes the asthma interdisciplinary form to document asthma education
4. Plan/discuss action plan with patient and all discharge asthma education folder materials

DISCHARGED
The Four Phases

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

**Phase 2**
- Asthma Triggers
- Healthy Home Assessment
  - Action Plan

**Phase 3**
- Asthma Action Plan
- The Peak Flow Meter

**Phase 4**
- Follow up appointments
- Smoking Cessation Program
Project Achievements

Certified Asthma Educators (AE-C)
- 5 Respiratory Therapists
- 6 Respiratory Therapists pending
- 2 Registered Nurses
- 1 Advance Nurse Practitioner
- 2 Pharmacists

Asthma Staff Education Classes
- 3 hour classes
- Approximately 288 staff employees

Outreach Programs
- Asthma Educators held 10 outreach program in our community
- About 750 adults and children were educated about asthma self-management.
Project Achievements

- Agreement with North Hudson Community Action Corp (FQHC)
- 4 Smoking Certified Treatment Specialist Training
- Approval of Smoking Cessation Program
Frequent Adult Asthma Population (n=91) 2013

- Smoking: 59%
- Drug Abuse: 30%
- Mental Health Disorders: 11%
Notable Successes

- 442 pediatric ED patients educated
- 100 pediatric inpatients educated
- 4 patients have repeat pediatric ED visits since pilot
- No repeat admissions since pilot
- Positive feedback from our Pediatric ED physicians and nurses
Learning Collaborative Survey

Overall Summary:

- Project activities for stage 1 are 100.0% completed
- Project activities for stage 2 are 95.0% completed
- Project activities for stage 3 are 45.0% completed
- Project activities for stage 4 are 30.0% completed
We continue engaging with our external partners.

Our leadership engagements consist of the following monthly meetings:

- Jeff Joyner, VP of Operations reports to the executive team on DSRIP updates
- DSRIP Asthma Steering Committee
- DSRIP Outreach/Education Committee
Present Challenges

Emergency Department and Floors
- Following NHBLI EPR-3 guidelines
- Notification

Medication Adherence
- Cost
- Denial

Asthma Staff
- Hybrid hospital patient’s charts
- Clinic patients are paper only
- Staff involvement
- Need more RT asthma educators
Future Challenges

- Adults with co-morbidities
- Follow-up appointment in clinics
- Physicians following NHBLI EPR-3 Asthma Guidelines
Next Steps

- Continue with the full implementation of the program
- Full implementation of our healthcare system smoking cessation program
- Hiring an Asthma Program Navigator
Any Questions