



# i-RAISE THE RATE Adult Immunization Initiative

Friday, April 20, 2018

6:00 pm-7:30 pm

New Orleans, LA



Internal Medicine Residency Program Collaboration



# Background

- ACP recognized low adult immunization rates in the U.S.
- National ACP quality improvement project aimed at improving the immunization rates
- Residents from two training institutions received training in Florida in 2016
- Our data is presented independently by the two training programs in Trenton, NJ

# What can we do to improve immunization rates?

- Standing orders
- PDSA cycles
- Immunization champion
- Immunization team
- Team huddle
- Education of staff and patient

# Standing Orders Protocol (SOPs)

- Strategy to avoid missed opportunities in vaccination by allowing non – physician providers to administer vaccines without direct physician involvement
- Recommended by many groups, including:
- Advisory Committee on Immunization Practices (ACIP) of CDC
- U.S. Community Preventive Services Task Force



# St. Francis Medical Center Residency Program

# Saint Francis Medical Center Residency Program Clinic

- **St. Francis Medical Clinic - Resident Run Clinic**
- **Provides care for uninsured and Medicare and Medicaid (includes managed care patients)**
- **We currently utilize paper charts**
- **Clinic staff :**
- **28 residents**
- **6 faculty members who supervise the residents 1:2 ratio**
- **Drexel and Seton Hall PA students**
- **1 RN nursing manager**
- **2 LPNs**
- **4 MAS**
- **2 receptionists**
- **1 office coordinator**



# Benefits of Standing Orders

- Improves immunization rates
- Saves time
- Empowers nursing staff
- Frees up physician time
- Helps meet quality requirements
- Can be implemented in inpatient and outpatient settings



# St. Francis Medical Center Residency Program





# Initiatives taken at St Francis Medical Center

- Didactic sessions for Residents (including clinical scenarios with role playing and ACP video materials)
- Grand Round
- Huddles during each clinic visit
- Standing orders for the clinic staff-but on hold



# Initiatives taken at St Francis Medical Center

- During clinic encounter:
- Assess immunization status of all patients in every clinical encounter.
- Standing orders to be re-implemented on hold since October 2017
- Recommending and providing data on vaccines to patients
- Prioritized Influenza ,Pneumococcal 23, and TDAP
- Administer needed vaccines or Refer to a provider who can immunize
- Hospital PI /patient safety oversight
- Document vaccines received by patients into new EMR

# Patient Clinic Attendance Attendance

- 1194 patients attending the SFMC clinic from October 2017-February 28th 2018
- Last season (October 2016- February 28th, 2017) 1100 patients attended
- 556 influenza vaccines administered vs 218 in 2017 cycle

# St. Francis Medical Center Results

Vaccinations	Before PDSA cycle in 2015		After PDSA cycle-2016 to 2017		After of PDSA cycle-2017 to 2018	
PPSV 23 (<5 years)	4.7%	Total of <b>50</b> vaccines administered	7.6%	Total of <b>78</b> vaccines administered	6.80%	Total of <b>82</b> vaccines administered, <b>11</b> inpatient
Tdap	10.5%	Total of <b>111</b> vaccines administered	13.6%	Total of <b>141</b> vaccines administered	13.30%	Total of <b>159</b> vaccines administered
Influenza	20.7%	Total of <b>217</b> vaccines administered	31.8%	Total of <b>329</b> vaccines administered	46.50%	Total of <b>556</b> vaccines administered, <b>24</b> inpatient

1 Prevnar was administered

# Challenges

- New start of EMR (set back with standing orders, data not completely entered)
- Inability to provide all types of vaccines due to cost
- Despite aggressive motivational counseling, patient still refuse to get vaccinated

# Successes

- With translator we are able to portray the importance of vaccination better
- Implementation of new EMR will help in storing data more accurately and efficiently
- Our influenza vaccinations rate have improved

# What the Data Informs Us?

- There is more room for improvement
- Faculty, resident and nursing staff may benefit from reviewing the data more frequently
- We are unable to trace back Pneumovax administered before 5 years
- Standing order will have to be reimplemented to help increase overall rates

# What We Have Learned

- Need to listen to patient concerns regarding vaccination
- Persistence is key!
- With evidence, patients may be more open to receiving vaccination



# Moving forward

- Familiarization of new EMR so all patients are documented
- More lectures and grand rounds, to remind health care providers to ask and be persistent
- Counseling to help break the many misconceptions patients have
- Continue with project, helps puts things into perspective
- Future plan for grand rounds for all medical staff
- Utilizing Spanish translator for more aggressive motivational counseling and understanding of why patients still refuse.
- Community outreach

# Other Resources

- **ACP- I raise the Rates**
- **[www.cdc.gov](http://www.cdc.gov)**

# Acknowledgements

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