### Care Transitions Coach COVID ED Diversion Program

Eddy Visiting Nurse and Rehab Association St. Peter's Health Partners Acute Care St. Peter's Health Partners Medical Group

February 3, 2022



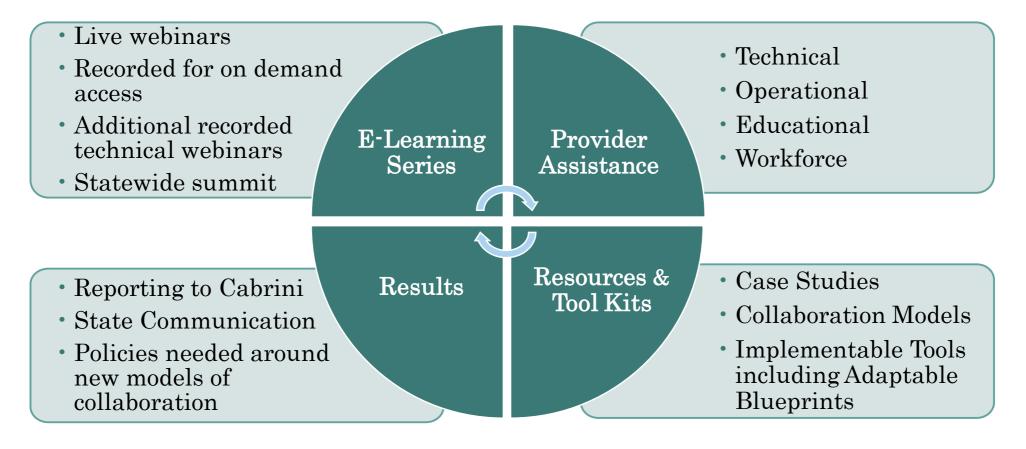
### Acknowledgement

Support for this statewide initiative is provided through a grant by the Mother Cabrini Health Foundation. Thank you to the Foundation for its generous support.



### **Overall Goal and Components of Grant**

Creation of a Hospital-Home Care Collaborative to advance statewide systemic collaboration in pre-acute and post-acute care for COVID and beyond.







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HCANYS, HANYS & Iroquois Healthcare Association Hospital & Home Care Collaboration February 3, 2022



# Care Transitions Coach COVID ED DIVERSION PROGRAM

EDDY VISITING NURSE & REHAB ASSOCIATION ST. PETER'S HEALTH PARTNERS ACUTE CARE ST. PETER'S HEALTH PARTNERS MEDICAL GROUP





# Introductions

 Dr. Dalfino is board certified in Internal Medicine and was the Chief of Hospital Medicine at SPHP from 2008-April 2021, at which time she became Chief Medical Officer for the Acute Care Hospitals (St. Peter's, Samaritan, Albany Memorial Hospitals).



## Introductions

Michelle Mazzacco, MBA, Interim President, SPHP Continuing Care Network (home health, hospice, PACE, DME, Infusion, Coach, telehomecare, PERS, home based primary care, palliative care (inpatient & community based), ALS Center, 7 skilled nursing facilities (4 with subacute rehab, 1 greenhouse model), 5 independent senior living communities, 2 memory care residences, 3 adult homes/enriched housing, and Eddy Alzheimer's Services



## Introductions

Susan Warren, RN

Supervisor, Eddy VNRA Coach Program

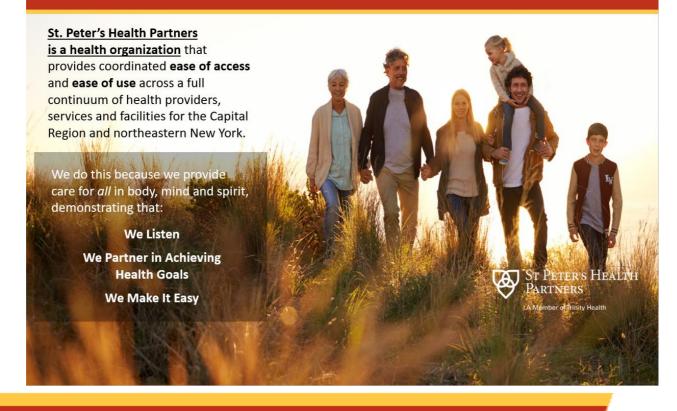
Several years' experience as a hospital care coordinator and management of an internal medicine practice.

(Credits to Suzanne Defruscio, RN Supervisor of the Coach Program when this hospital/home care collaboration occurred)



### St. Peter's Health Partners Overview

### **St. Peter's Health Partners Promise**





### About St. Peter's Health Partners

People-centered, integrated care is at the heart of St. Peter's Health Partners (SPHP). Our breadth of services across the continuum of care uniquely positions us to be the region's leader for quality, efficiency, and innovation in delivering compassionate health care and senior services.

### OUR SERVICES

- Advanced Medical Care
- Inpatient Acute Care and Rehabilitation
- Outpatient Rehabilitation
- Urgent Care
- Primary and Specialty Physician Practices
- Adult Day Programs
- Alzheimer's Services

- Enriched Housing/Adult Homes
- Home Care
- Hospice
- Independent Senior Living
- Nursing Homes
- PACE (Program of All-Inclusive Care for the Elderly)





# Background

- In December of 2020, the COVID-19 pandemic was having a major impact on our communities, and our hospitals were reaching surge capacity.
- Less "regular" hospital patients, more COVID patients, more in the ICU, more on vents, long LOS.
- How do we discharge COVID patients from the ED and keep them home?
  - Emergency Departments have not historically discharged patients on oxygen.





### Dr. Eric Coleman's Care Transition Model

(modified w/RN trained by a Certified Chronic Disease Self-Management Trainer)

**NOTE:** THIS IS NOT A CHHA Service. No hands-on care provided. No OASIS.

### <u>Goal</u>

To improve the patient's health and well being and reduce rehospitalizations.

The Care Transitions Model is a four-week program that encourages and supports the patient to take a more active role in his/her health needs.

### Focusing on the 4 pillars of care:

1. Medication reconciliation (sent to PCP);

2. Primary care provider and Specialist follow-up in a timely manner;

3. Use of patient centered health record that helps guide the patient through the care process;

4. Patient understanding of "red flag" indicators of worsening condition and appropriate next steps.

### <u>And:</u>

- Ensures patient has transportation to appointments
- Assess for other needs e.g. food insecurities, inability to afford or obtain medications, etc.



# Care Transitions Coach Program History

- Started in 2010 funding from Eddy Foundation.
   Later value-based contracts with BSNENY, MVP and CDPHP
- Serving 2,000 a year.
- Targeting chronically ill patients (HF, COPD, Pneumonia, Diabetes, etc.) at high risk for readmission.
- Readmissions previously ranged 20-30%, now 5-10%.
- Adapted during DSRIP for Medicaid patients, including those with behavioral health / substance abuse needs.
- In 2020, adapted for high-risk OB patients for BSNENY.
- In 2021, adapted for high-risk ortho patients (MC FFS).



## **Collaboration and Approach**

The Coach Team Redefined- Stepped up to meet the challenge!

For this presentation we have divided our process and results into the

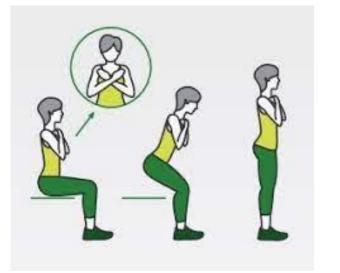
- December 2020 July 2021, alpha Covid surge
- August 2021 November, delta Covid surge
- December 2021 present, omicron Covid surge



The ED team developed criteria for who would be referred and how they would be referred.



## Alpha Surge Criteria



### ASSESS FOR HYPOXIA

1 min walk in place: Patient walks in place briskly for 1 min continuously.

1 min sit to stand: Patient continuously performs a sit to stand at the bedside for 1 min. Inability to perform is failure.

### **ADMISSION/DISCHARGE PLAN**

- Exertional SpO2 < 90%→ Admit
- Exertional SpO2 90-92% and COVID symptoms > 7 days  $\rightarrow$  Admit

-Exertional SpO2 90-92% and COVID symptoms days 1-6  $\underline{or}$ -Exertional SpO2 92-94%  $\rightarrow$ 

- D/C with PCP follow-up (Teams spreadsheet)
- Oximeter & thermometer
- Coach program



## 1st Surge (Alpha)

# Criteria for Eligibility

### Ages 18 yo and over

### High risk for readmission

Comorbidity

Oxygen saturation less than 94% while in ED

Patients must have a Primary Care Provider



# **Different Referral Process**

### **Original Coach Program:**

- Screeners in each hospital
- Proactively identify patients who can benefit
- Hospital staff also refer
- Screener obtains patient agreement

### **Coach COVID ED Diversion:**

- ED team identifies patients
- ED team adds to Teams spreadsheet
- Coach Team monitors the Teams spreadsheet (7 days a week) and follows up with patients
- Medical Group also monitors Teams
   spreadsheet for other follow-up



## Microsoft Teams Spreadsheet

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			•	•	•	•	•		•		•
Today's Date Enter Date (MM/DD/Y YYY)	Site of Referral Dropdown	Inpatient Unit Only Entered by C3 / Inpatie	Patient Name Free Text (Last Name, First Name)	(MM/DD/YYYY)	Patient / Contact Person Phone Number ### ### ####	Status Dropdown	UXVE	Risk Score	Primary Care Provider Dropdown List	Medical Group - Do Not Complete - Automatically Populates	Eligible for COVID Coach Program
1/24/2022	SPH Emergency Department					Positive			Mumtaz,Choudhry (MD)	SPHPMA	Eligible: Please Complete Yes/No in Next Column
1/24/2022	AMH Emergency Department					Unknown	No		Needs a PCP	Refer to SPHPMA	Not Eligible, No PCP
1/24/2022	SPH Emergency Department					Unknown	No		Specialty Appointment Required	Complete Specialty Dropdown	Eligible: Please Complete Yes/No in Next Column
1/24/2022	SAM Emergency Department					Unknown	No		Needs a PCP	Refer to SPHPMA	Not Eligible, No PCP
1/24/2022	AMH Emergency Department					Unknown	No		Needs a PCP	Refer to SPHPMA	Not Eligible, No PCP
1/24/2022	SPH Emergency Department					Unknown	No		Needs a PCP	Refer to SPHPMA	Not Eligible, No PCP
1/24/2022	SPH Emergency Department					Unknown	No		Specialty Appointment Required	Complete Specialty Dropdown	Eligible: Please Complete Yes/No in Next Column
1/24/2022	AMH Emergency Department					Unknown	No		Needs a PCP	Refer to SPHPMA	Not Eligible, No PCP
1/24/2021	SAM Emergency Department					Negative			Needs a PCP	Refer to SPHPMA	Not Eligible, No PCP
1/24/2022	SPH Emergency Department					Unknown			Needs a PCP	Refer to SPHPMA	Not Eligible, No PCP
1/24/2022	SPH Emergency Department					Unknown	No		Specialty Appointment Required	Complete Specialty Dropdown	Eligible: Please Complete Yes/No in Next Column
1/24/2022	AMH Emergency Department		]			Unknown			Needs a PCP		
1/24/2021	SAM Emergency Department								Needs a PCP	Refer to SPHPMA	Not Eligible, No PCP
1/24/2022	SPH Emergency Department					Negative	No		Needs a PCP	Refer to SPHPMA	Not Eligible, No PCP
1/24/2022	AMH Emergency Department					Negative			Needs a PCP	Refer to SPHPMA	Not Eligible, No PCP
1/24/2022	SPH Emergency Department					Positive	No		Not Listed (Not MA)	Not Listed (Not MA or CCP)	Eligible: Please Complete Yes/No in Next Column
1/24/2022	SPH Emergency Department					Unknown	No		Specialty Appointment Required	Complete Specialty Dropdown	Eligible: Please Complete Yes/No in Next Column
	SPH Emergency Department					Unknown			Specialty Appointment Required	Complete Specialty Dropdown	Eligible: Please Complete Yes/No in Next Column

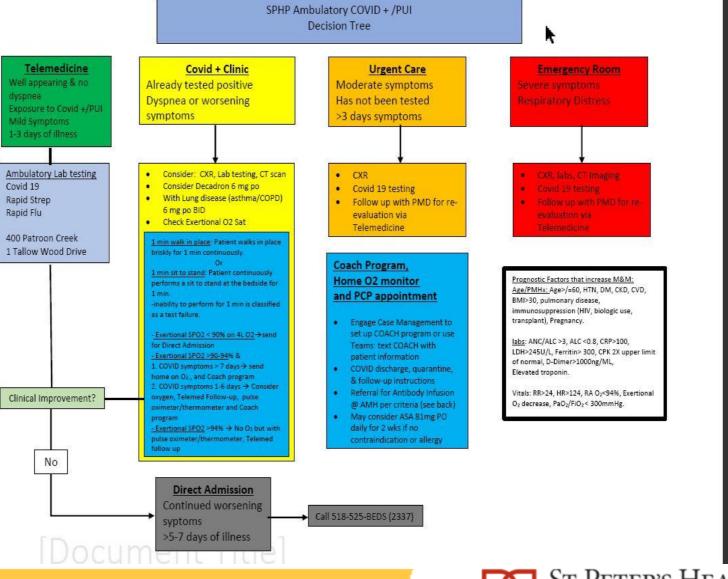


# **Coach Intervention:** 1<sup>st</sup> **Surge (Alpha)**

- Hospital: Discharged from ED on oxygen, with pulse ox and thermometer, zone sheet, educational material
- In-Home Visit Replaced with telehealth or phone call encounter; same day as discharge or next morning
- Call Frequency Increased from weekly for 4 weeks to daily for 14 days, including weekends
- > 24/7 On Call RN added (NEW: patients were scared)
- Review of oximeter use and when to report.
- Educate patient/family on COVID zone sheet and CDC general information
- Ensure f/u PCP/Specialist visit/telemedicine encounter is scheduled timely
- PCP Interventions: Same day telehealth PCP visit. Might start on dexamethasone or AB, coordinate MAB treatment.



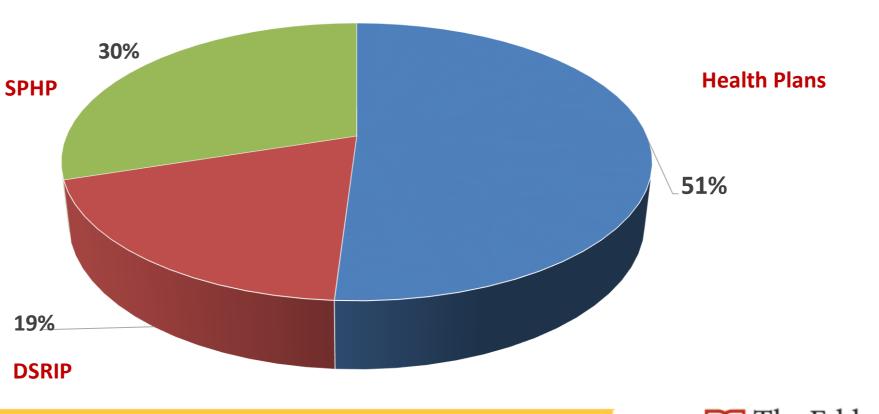
## SPHP Primary Care Provider Algorithm





Only one payer declined coverage (health plan case managers were calling members). However, due to our hospital workforce shortages, and the need to assure our ED physicians of a safe discharge plan, we continued to provide the service at no cost to the patient.

# **Payment Sources**





### **COVID Zone Sheet**





#### COVID-19

Every Day	<ul> <li>Wash hands often.</li> <li>Take your temperature.</li> <li>Avoid touching your eyes, nose, and mouth.</li> <li>Stay 6 feet away from others whenever possible.</li> <li>Avoid sharing household items.</li> <li>Clean household surfaces that are touched often.</li> <li>Avoid contact with a person positive for COVID-19 or with someone who is waiting for test results.</li> </ul>
Green Zone	<ul> <li>ALL CLEAR! This zone is your goal.</li> <li>No fever</li> <li>No cough or sore throat</li> <li>Easy breathing</li> <li>No contact with a person positive for COVID-19 or with someone who is waiting for test results.</li> </ul>
Yellow Zone	CAUTION! This zone is a warning! Call your home care nurse at, or call your doctor at, or • Temperature more than 99.5°F (37.5°C) • New cough or sore throat • Contact with a person positive for COVID-19 or with someone who is waiting for test results
Red Zone	EMERGENCY Zone!! Call your doctor at for direction. • Temperature of 101°F (38.3°C) or greater • Shortness of breath • Worsening cough or sore throat



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### Steps to help prevent the spread of COVID-19 if you are sick

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FOLLOW THE STEPS BELOW: If you are sick with COVID-19 or think you might have it, follow the steps below to help protect other people in your home and community.

#### Stay home except to get medical care

 Stay home: People who are mildly ill with COVID-19 are able to recover at home. Do not leave, except to get medical care. Do not visit public areas.

- Stay in touch with your doctor. Call before you get medical care. Be sure to get care if you feel worse or you think it is an emergency.
- Avoid public transportation: Avoid using public transportation, ride-sharing, or taxis.

#### Separate yourself from other people in your home, this is known as home isolation

 Stay away from others: As much as possible, you should stay in a specific "sick room" and away from other people in your home. Use a separate bathroom, if available.

- Limit contact with pets & animals: You should restrict contact with pets and other animals, just like you would around other people.
- Although there have not been reports of pets or other animals becoming eick with COVID-19, it is still recommended that people with the virus limit contact with animals until more information is known.
   When possible, have another member of your household care for your animals while you are sick with COVID-19. If you must care for your pet or be around animals while you are sick, wash your hands before and after you interact with them. See COVID-19 and Animals for more information.

#### Call ahead before visiting your doctor

 Call ahead: If you have a medical appointment, call your doctor's office or emergency department, and tell them you have or may have COVID-19. This will help the office protect themselves and other patients.



C5110128-A 05/20/2020



If you are caring for others: If the person who is sick is not able to wear a facemask (for example, because it causes trouble breathing), then people who live in the home should stay in a different room. When caregivers enter the room of the sick person, they should wear a facemask. Visitors, other than caregivers, are not recommended.

#### Cover your coughs and sneezes

 Cover: Cover your mouth and nose with a tissue when you cough or sneeze.

Dispose: Throw used tissues in a lined trash can.

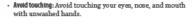
Wash hands: Immediately wash your hands with soap and water for at least 20 seconds. If soap and water are not available, dean your hands with an alcohol-based hand sanitizer that contains at least 60% alcohol.

#### Clean your hands often

• Wash hands: Wash your hands often with soap and water for at least 20 seconds. This is especially important after blowing your nose, coughing, or sneezing; going to the bathroom; and before eating or preparing food.

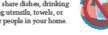
 Hand sanitizer: If soap and water are not available, use an alcohol-based hand sanitizer with at least 60% alcohol, covering all surfaces of your hands and rubbing them together until they feel dry.

 Soap and water: Soap and water are the best option, especially if hands are visibly dirty.



#### Avoid sharing personal household items

 Donot share: Do not share dishes, drinking glasses, cups, eating utensils, towels, or bedding with other people in your home.









### CORONAVIRUS DISEASE 2019 (COVID-19)

### 10 Ways to Manage **Respiratory Symptoms at Home**

If you have fever, cough, or shortness of breath, call your healthcare provider. They may tell you to manage your care from home. Follow these tips:

Stay home from work, school, and 0~1 away from other public places. If you )UD must go out, avoid using any kind of public transportation, ride sharing, or taxis.

Monitor your symptoms carefully. 2 If your symptoms get worse, call your Õ healthcare provider immediately.

**3**-

If you have a medical appointment, call the healthcare provider ahead of time and tell them that

Avoid sharing personal items 庌 with other people in your household, like dishes, towels, and bedding. 8

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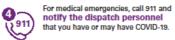
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you have or may have COVID-19.

Œ Get rest and stay hydrated.

sprays or wipes according to the label instructions. æ

Clean all surfaces that are touched

often, like counters, tabletops, and

doorknobs. Use household cleaning

Wash your hands often with soap

and water for at least 20 seconds or

clean your hands with an alcohol-

based hand sanitizer that contains at least 60% alcohol.

As much as possible, Stay in a specific

room and away from other people

in your home. Also, you should use a

separate bathroom, if available. If you need to be around other people in or outside of the home, wear a facemask

10 -Cover your cough and sneezes.

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### **Prone Positioning**

#### PHOTOS BELOW TO DEMONSTRATE THIS:

#### LAS FOTOS DEBAJO DEMUESTRAN ESTO:

 30 minutes – 2 hours: laying on your belly
 30 minutos – 2 horas: acostado sobre su estómago (boca abajo)



30 minutes - 2 hours: laying on your right side
 30 minutos - 2 horas: acostado sobre su lado



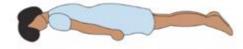
4. 30 minutes – 2 hours: lying on your left side 4. 30 minutes – 2 horas: acostado sobre su lado izquierdo



Then back to Position 1. Lying on your belly! Luego, vuelva a la posición 1. ¡Acostado sobre su estómago (boca abajo)!

3. 30 minutes – 2 hours: sitting up 3. 30 minutos – 2 horas: sentado





Self Positioning Guide\_Elmhurst Hospital\_SB



### Satisfaction Survey



433 River Street, Suite 3000 Troy, New York 12180 Ph 518.274.6200

ST PETER'S HEALTH PARTNERS

Sphp.com

#### SATISFACTION SURVEY

#### COVID EMERGENCY ROOM COACH PROGRAM

Our records indicate that you were recently in the Emergency Room and were referred to our Covid Coach Program. Please fill out our brief Patient Satisfaction Survey so that we may continue to strive to provide the best care possible.

Were you provided information on the Coach program during your Emergency room visit?

Yes\_\_\_\_\_ No\_\_\_\_\_

Were you provided with an oximeter (to check your oxygen level at home) and a thermometer during your ER visit ?

Yes\_\_\_\_\_ No\_\_\_\_\_

Did you find the daily follow up calls from the nurse helpful?

Yes\_\_\_\_\_ No\_\_\_\_\_

Did the nurse provide education on Covid? E.g. Quarantine, ways to prevent spread of infection, use of the oximeter and when to call the MD?

Yes\_\_\_\_ No\_\_\_\_

Did the nurse review the importance of following up with your primary care physician?

Yes\_\_\_\_ No\_\_\_\_

Overall were you pleased with the follow up care you received after your ER visit?

Yes\_\_\_\_\_ No\_\_\_\_\_

Please provide any additional comments below so that we may better serve you in the future.



# 1<sup>st</sup> Surge Outcomes (Alpha)

- Timeframe: December '20 through July '21
- 285 Patients Served

- 29 (10%) returned to the ED/hospital
- 94% overall satisfaction rating





## Patient Feedback

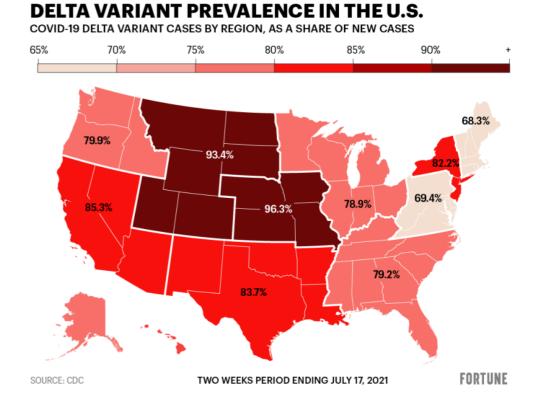
- I found the daily calls helpful and reassuring. She answered my questions, and I had many. She offered helpful advice to recover daily. It was good to know that I had someone checking on me daily. She was wonderful and this is a great service. Covid is scary and she calmed my fears.
- Having a coach was a great thing. I am very happy to have a nurse checking in. Every day was different with the virus and I had questions and concerns when she did call. She was very helpful.
- We were very happy with the follow up from nurse Cathy. She was very helpful with medical information and also helped with our anxiety over what to do and what to expect with the recovery from Covid. We are very grateful for her calls.
- We couldn't have a better coach. We had a lot of questions and Ellen answered all of them.
- I can't answer number 1 because I don't remember. Our contact, Amy, could not have been more caring and informative. I greatly appreciated her input and compassion.
- The coach program was very nice and helpful. I recommend it to all that need it. Thank you for your help.
- I welcomed my daily phone calls from Carolyn. Knowing that she would call made me feel comfortable being home. I spoke highly of this service and of her to many.
- Nurse Ellen was amazing and genuinely concerned. When I wasn't provided with an oximeter, she made sure one was mailed to me.
- Elizabeth was excellent!!! Very informative and very pleasant and caring. I looked forward to her calls every day. Please give her a big thank you!!!!!
- ER nurse and doctor were the best!!



### 2<sup>nd</sup> Covid surge Delta variant August 2021 to present

• Our ED referrals decreased in May-July but in August 2021 we saw a sudden increase in our referrals which was the beginning of the second surge.

- This was different:
  - Workforce shortage
  - Patients were vaccinated
  - MAB treatments available
  - Less severity of illness for those vaccinated
  - Limited ICU and medical/surgical beds





# 2<sup>nd</sup> Surge (Delta)

 Many COVID positive patients were not as ill and did not want or need the 14-day follow up.

• The Coach team was also finding it difficult to cover all of the ED referrals due to our RN shortage.

 Coach, ED and Medical Group met to develop new criteria for eligibility for the program.



# Program Changes 2<sup>nd</sup> Surge (Delta)

- Eliminated On Call RN mid-way thru the 2<sup>nd</sup> surge (no need)
- Continued refinement of the Teams spreadsheet



# 2<sup>nd</sup> Surge Outcomes (Delta)

- Timeframe: August 2021 through November 2021
- 174 served

- 4 (2%) returned to the ED/hospital
- 100% overall patient satisfaction





# 3<sup>rd</sup> Surge Outcomes (Omicron)

- Timeframe: November 2021 through present (1/25/2022)
- 142 Served
- 7 (5%) returned to the ED/hospital



# Patient Feedback – 3<sup>rd</sup> Surge

- Kelly was awesome!
- Thank you so much!
- Thank you for the concern and follow up care!
- Elizabeth was great. She called every day and followed up with me.
- It was nice knowing someone would call and check on me daily. Especially with my husband being out of town. I think this program is important and critical for patients without medical experience.
- They did a great job. I don't think they need to change anything!
- I think they did a great job. Nothing further is needed to improve.
- Thank you for all the follow ups.



# **Special Thanks**

- Dr. Christopher Guzda
- Suzanne Defruscio, RN
- Matthew Van Pelt, Medical Group
- Cailin Burke
- Dr. Katrina Kardos



## **Questions?**

Please feel free to reach out to us for more information:

- <u>Michelle.Mazzacco@sphp.com</u>
- Susan.Warren@sphp.com
- Thea.Dalfino@sphp.com



### Next Scheduled Webinar Series

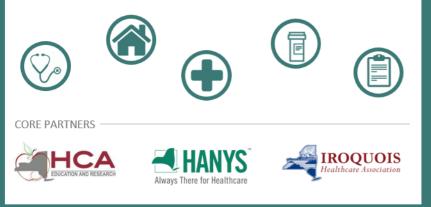
Name of Session	<b>Collaborating Organizations</b>	Date**
EPIC Integration	Montefiore Hospital Montefiore Home Care	February 24
Innovations in Care and Management through Hospital-Home Care Collaboration	Catholic Health System Catholic Home Care	March 10
Collaboration of Care for Patients with Mental Illness Across the Health System	Catholic Health Mercy Hospital Catholic Health Home Care	April 7

**\*\*** All events are from noon to 1pm



Statewide Hospital-Home Care Collaborative for COVID-19 and Beyond

### Statewide Hospital-Home Care Collaborative for COVID-19 and Beyond





Support for this statewide collaborative training is provided through a generous grant from the Mother Cabrini Health Foundation.

### **Important Links**

### **RESOURCE PAGE**

https://hca-nys.org/statewide-hospital-home-care-collaborative

https://www.iroquois.org/hospital-homecarecollaboration/

https://www.hanys.org/quality/patient\_safety/

### Statewide Hospital-Home Care Collaborative for COVID-19 and Beyond





Support for this statewide collaborative training is provided through a generous grant from the Mother Cabrini Health Foundation.

### Contacts

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