

# COVID-19

An End Stage Renal Disease (ESRD) National Coordinating Center (NCC)  
Professional Education Webinar



December 9, 2020

COVID-19 = Coronavirus Disease 2019

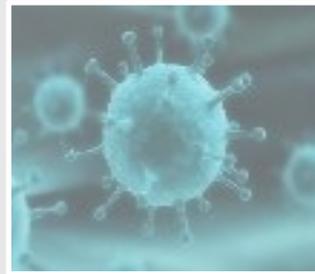


# Agenda



- What is this call about?
- Today's speaker:
  - Kimberly Davis, RN, CHC, NLPP  
Director of Home Therapies Operations  
Rogosin Institute
- Topic: Home Dialysis During COVID-19: Lessons Learned and Round Two
- Questions and answers (Q&As) from chat and Q&A panels

# What Is This Call About?



- Hear from stakeholders and peers in the ESRD community who are adapting to COVID-19.
- Share examples and provide real-world strategies for facilities to use.
- Engage in bi-monthly calls on varying topics.

# Home Dialysis During Covid-19: Lessons Learned and Round Two

Kimberly Davis, RN, CHC, NLPP  
Director of Home Therapies Operations  
Rogosin Institute



*Member*  
NewYork-Presbyterian  
Regional Hospital Network

# Objectives

- Review Risk Data from the first COVID-19 experience.
- Review Population Risk Data in regard to racial disparities.
- Share experiences in mitigating risks in an operational home program.
- Demonstrate best practices developed during COVID-19 Pandemic.

# The State of Access to Home Dialysis Prior to Pandemic

- In Network 2 during 2019:
  - Of 325 facilities 143 offer home dialysis.
  - Of 44,580 total prevalent patients, 2,350 were on home dialysis.
  - Of 8,007 incident patients, 642 were home.
  - In 2019, only **3.3 %** of total patients were home.

Source: IPRO 2019 Annual Report. [Http://network2.esrd.ipro.org](http://network2.esrd.ipro.org)

# Population Risk

## COVID-19 Cases, Hospitalizations, and Deaths, by Race/Ethnicity

Rate ratios compared to White, Non-Hispanic persons	American Indian or Alaska Native, Non-Hispanic persons	Asian, Non-Hispanic persons	Black or African American, Non-Hispanic persons	Hispanic or Latino persons
Cases <sup>1</sup>	1.8x	0.6x	1.4x	1.7x
Hospitalization <sup>2</sup>	4.0x	1.2x	3.7x	4.1x
Death <sup>3</sup>	2.6x	1.1x	2.8x	2.8x

Race and ethnicity are risk markers for other underlying conditions that affect health, including socioeconomic status, access to health care, and exposure to the virus related to occupation, e.g., among frontline, essential, and critical infrastructure workers.

Reference: [cdc.gov/coronavirus](https://cdc.gov/coronavirus)

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# Racial Disparities and Risk

- In Network 2 the demographic is as follows:
  - **17.7% African American**
  - **29.1% Hispanic Latino**

**46.8% of patients in the Network were in two of the highest risk categories for contracting COVID-19.**

Source: IPRO 2019 Annual Report. [Http://network2.esrd.ipro.org](http://network2.esrd.ipro.org)

# Compounding Risks and Challenges

- Providing dialysis in urban areas had additional exposure risks:
  - Public transportation to go to medical appointments.
  - Communal exposure in performing everyday needs.
  - Access to testing, early on.
  - Patient home environment and number of people in the home.

# Compounding Risks and Challenges

- Risk for nurses to limit exposure to other Healthcare Providers (HCPs).
- Potential impact on staffing traveling back and forth to work.
- Campus risk with a site being located in the hospital.

# Round One : Batter Up

Collaborative team effort and agreement to take on the challenge and be innovative.

The team adopted:

**Home is Best.**

**Home is First.**

**Everyone is a YES until there is a No.**

**\*Prevention in limiting risk**

# Team Rogosin

- The Rogosin Institute is the largest Independent provider of home dialysis in New York.
- Census at the beginning of COVID-19: 216.
- Training rate: 4–9 patients per month.
- Staffing : 2–4 RNs per program

# Team Successes

- **Patients:**
  - **Less than 5% contracted COVID-19.**
  - **Less than 10 patients expired, with the highest number between February and March of 2020.**
  - **Increase in patient adoption of home dialysis: 35%.**
  - **Increased patient satisfaction through expansion of telehealth.**
  - **Decreased anxiety and fear.**

# Milestones Achieved!

# Prevention Through Access

Early observation demonstrated a benefit in performing home treatment.

This was mostly associated with the ability to have stricter quarantine.

The outcome was more patient interest in home.

# Expansion and Use of Telehealth

- Expansion and use of telehealth demonstrated the following opportunities:

**Information sessions and education**

**Pre-training**

**Wellness checks/clinic visit**

**Preliminary home assessments**

**Confirming/teaching self-administration of medications**

**Patient empowerment events**

# Use of Campus

Patients were diverted upon preference to locations closer to their homes for:

- Training
- Monthly Blood Draws
- Supply Pick-Up
- Clinic visits
- Routine testing: Peritoneal  
Dialysis clearance.

\*Goal was to minimize distance.

# Further Nurse Risk Mitigation

- Patients in high-risk categories were sheltered in place with nurses deployed to the home for blood draws and other needs.
- Resources found in apartment buildings were used to assist in supply deliveries.
- Community resources were found to assist with food deliveries.
- Use of telehealth decreased frequency of clinic appointments.
- Home deliveries of medications and supplies were done in place of a patient coming to the unit.

# Round Two Focus

- Timing of clinic visits requires coordination if patients are seeing family for the holidays.
- Continue to be more stringent on home patients than what is publicly recommended.
- Screen for vaccine acceptance when available.
- Monitor antibody levels.
- Follow the Network recommendation to achieve 90% flu vaccine rates in all programs.

# Improving Access Through Community Presence

Continue to network and encourage patients to use resources to empower patients and remain connected.

- Home Dialyzors United:  
<https://www.facebook.com/HDUorg/>
- Home Dialysis Central Discussion Group:  
<https://www.facebook.com/groups/HomeDialysisCentral/>
- New York State Chronic Kidney Disease (CKD) Champions:  
<https://www.facebook.com/groups/1624219631148408>

# Closing Thoughts

- Nurses have an important role in not only empowering patients but themselves.
- Being innovative will lead to the best outcomes for patients and impact the perception and delivery of home dialysis.
- Collectively sharing these innovations will ultimately lead to improving care for patients

# Thank You!

Kimberly Davis

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Phone: 201.546.4222

# Let Us Hear From You



- Q&As from chat and Q&A panels

# Inspirational Posters

- Evidence-inspired 12" x18" posters
- PDF format for on-demand printing
- Focus on psychological/physical health, emergency preparedness, and COVID-19.



To view, visit <https://esrdncc.org/professionals/inspirational-posters/>.

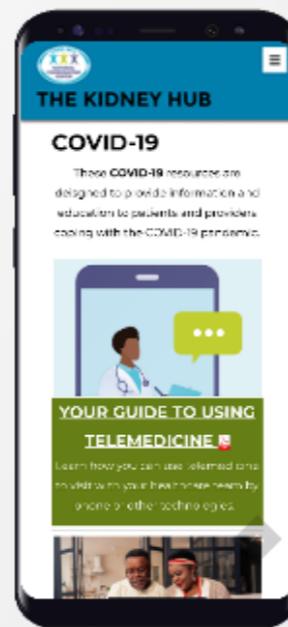
# The Kidney Hub



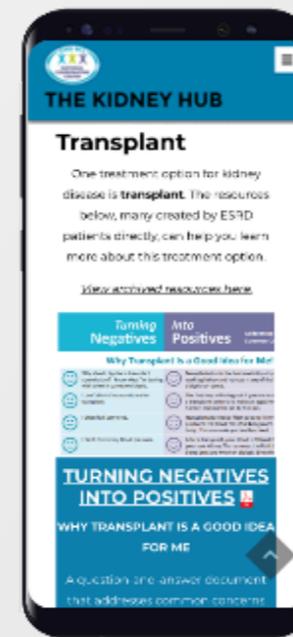
- The Kidney Hub—Mobile-friendly web tool created with patients, for patients
- Links to new videos and helpful resources added.
- Visit [www.TheKidneyHub.org](http://www.TheKidneyHub.org) today!



*Home Dialysis: Choosing Home Dialysis*



*COVID-19: Your Guide to Using Telemedicine*



*Transplant: Turning Negatives Into Positives*



# Our Next COVID-19 Webinar Events



- Patient-focused event: December 15, 2020, 4 p.m. ET
- Provider-focused event: December 30, 2020, 3 p.m. ET

### COVID-19 Webinar Events

To support ongoing COVID-19 information and education needs in the End Stage Renal Disease (ESRD) Network community, the ESRD National Coordinating Center (NCC) is facilitating a series of COVID-19 educational events. These recurring webinar events will feature professional and patient subject matter experts from around the country sharing how they or their organizations are coping with and combatting COVID-19 in their areas of practice.

You can register for Provider or Patient events below. Previous event recordings will be available in the accordions at the bottom of this page.

Share the ESRD NCC COVID-19 events by embedding the badge on the right on your websites, social networks, profiles, and blogs. Click on the badge for more information.



The badge is a vertical rectangular graphic with a dark blue header containing the text 'COVID-19'. Below the header is a smaller image of a virus particle, followed by the text 'Webinar Events'. At the bottom of the badge is a dark blue button with a white play icon and the text 'Click for More Information'. Below the button is the website address 'www.esrdncc.org'.

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#### Upcoming Provider Event

Wednesday, October 28, 2020  
3:00 PM to 4:00 PM ET

Visit [kidneyCOVIDinfocenter.com](https://kidneyCOVIDinfocenter.com) to register, or scan the QR code with your smartphone camera.

# Thank You!

[NCCinfo@hsag.com](mailto:NCCinfo@hsag.com)

844.472.4250

813.865.3545

[www.esrdncc.org](http://www.esrdncc.org)

Additional COVID-19 resources for patients and providers:



<https://www.kcercoalition.com/en/covid-19/>



[www.kidneyCOVIDinfocenter.com](http://www.kidneyCOVIDinfocenter.com)

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