

Expert Teams – Dialysis Care in Nursing Homes

Case-Based Learning & Mentorship

May 4, 2023

Facilitator: Julie Moss, ESRD National Coordinating Center



Meeting Logistics

- Call is being recorded
- Participants can unmute themselves
 - Please stay on mute unless you are speaking
 - Do not place the call on “hold”
- Everyone is encouraged to use the video and chat features
- Meeting materials will be posted to the ESRD NCC website.



Who Is On The Call?

Clinician and
Practitioner
Subject Matter
Experts

Dialysis Facility
and Transplant
Professionals

ESRD Network
Staff

Kidney Care
Trade Association
Members

Centers for
Medicare &
Medicaid Services
(CMS) Leadership

What are Expert Teams?



Participants from varying levels of organizational performance, each with lived experience and knowledge, come together to support continual learning and improvement



Help others learn faster by sharing what worked and what didn't work around a particular case, situation, or circumstance



Bring the best possible solutions to the table

Expert Team Call Objectives



Prepare for improvement using shared clinical cases



Test processes through the application of knowledge from the cases



Use inquiry-based learning to problem solve



Examine clinical reasoning, problem solving, and decision making through lived experience



Act as a consultancy for behavior change and improvement

What is Case Based Learning?

Describes an individual situation (case)



Identifies key issues around the problem, barrier, or missed opportunity



Analyzes the situation using relevant processes meant to mitigate the problem or situation



Recommends a course of action for the situation, including implementing PDSA cycles and process modifications

Questions to Run On



How Might We ...

- Improve the care and lives of dialysis patients that reside in nursing homes?
- Overcome barriers to dialysis care in the nursing home?
- Address other special needs for this vulnerable population?

Dialysis Care in the Nursing Home

David L. Mahoney, MD

Chief Medical Officer, DaVita Hospital Services Group and Skilled
Nursing Facility Dialysis



SNF Dialysis – A Model for Safety and Quality



National Communications Center
May 4, 2023

Benefits and Goals of SNF Dialysis



Treating where the patient lives

- Enhancing quality of life
- Never sacrifice quality and safety for convenience



Eliminating transportation to in-center facilities



Enhancing communication and coordination

- Eliminating six transitions of care per week
- Establishing collaborative care plans



Reducing disruption of meal and medication schedules



Permitting more timely hospital discharges of patients with complex healthcare needs





Dialysis operations are complex and require extensive infrastructure and coordination of care

Oversight

- Policies & Procedures
- Teammate staffing/training, competencies, licensing and documentation
- Performance Improvement Programs

Water Quality

- Cultures
- LAL
- Chloramine
- AAMIs

Bio-medical

- 24/7 coverage
- Technical support & training
- Repair & Maintenance of water system and machines
- Water system & machine disinfection
- Emergency response (supplies /water/water free machines)

Quality metrics

- Defining
- Data collection
- Data analysis
- Data reporting

Infection control

- Hepatitis B
- CVC care
- PPE

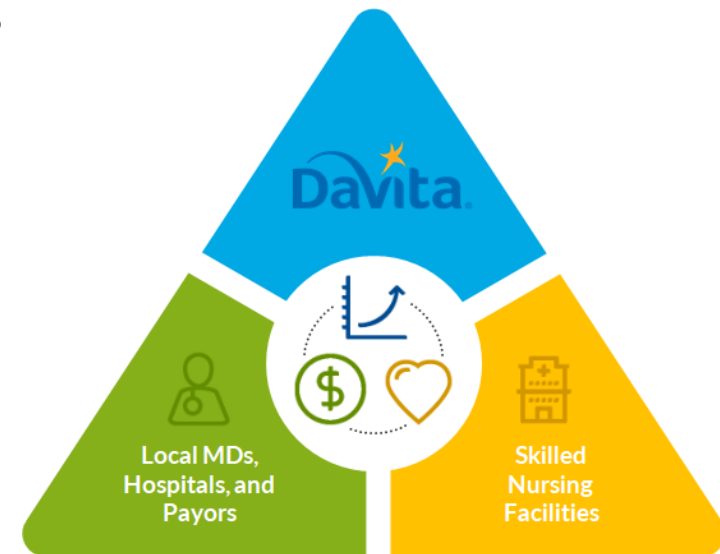
Additional

- Supply acquisition
- Emergency & Disaster planning
- Vascular Access, Cannulation, Hemostasis, and Care

On-site Dialysis Improves Cost, Quality and Experience

Triple aim solution for the 15-20% of dialysis patients with a SNF stay annually

- Improve experience for the 60,000+ patients¹ residing in SNFs; 20% of ESRD hospital discharges
- Eliminate the 16 million patient care hours and \$800 million spent on transportation to off-site dialysis²
- Reduce hospital LOS with streamlined discharge and placement of high-acuity patients (e.g. vent, trach, bariatric, memory care)³
- Enhance coordination among providers to improve patient care and experience; optimization of SNF rehab and other services
- Potential to reduce the 34% average readmission rate for SNF dialysis patients⁴



¹JHEOR 2013;1(2):134-50

²High Costs of Dialysis Transportation in the United States: Exploring Approaches to a More Cost-effective Delivery System

³Subject to specific SNF capabilities

⁴(2019). Skilled nursing facility 30-day all-cause readmission measure (SNFRM) NQF #2510: all-cause risk-standardized readmission measure. <https://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/Value-Based-Programs/SNF-VBP/Downloads/SNFRM-TechReportSupp-2019-.pdf>



CMS Regulatory Update

DEPARTMENT OF HEALTH & HUMAN
SERVICES
Centers for Medicare & Medicaid Services
7500 Security Boulevard, Mail Stop C2-21-16
Baltimore, Maryland 21244-1850



Center for Clinical Standards and Quality/Quality, Safety & Oversight Group

Ref: QSO-18-24-ESRD
REVISED 3/22/2023

DATE: August 17, 2018

TO: State Survey Agency Directors

FROM: Director Quality, Safety & Oversight Group (*formerly Survey & Certification Group*)

SUBJECT: *Guidance and* Survey Process for Reviewing Home Dialysis Services
in a *Nursing Home* **REVISED**





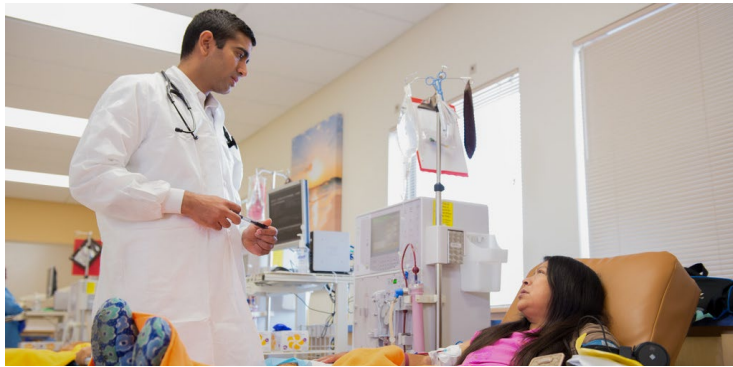
Important Measures Addressed in the CMS Update

- ✓ In-room presence of caregiver
- ✓ Provider training requirements
- ✓ Infection control measures
- ✓ Nursing home dialysis in a common area
- ✓ Collaboration of Interdisciplinary teams
- ✓ QAPI



DaVita On-Site SNF Dialysis Den Model

SNF provides a dedicated dialysis space. DaVita provides complete dialysis care



- On-site care in “Dialysis Den”
 - Common treatment room with 6 stations maximizes labor efficiency
 - Staffed by DaVita nurses and PCTs with local nephrologist oversight
 - 3X weekly treatments offers continuity of care and doubles program capacity compared to more frequent dialysis
- Kidney Care Center of Excellence
 - Quality, safety, and resourcing consistent with DaVita outpatient centers
 - Enhanced clinical communication/coordination between SNF and DaVita
 - Ability to integrate peritoneal dialysis (PD) into on-site solution
- Benefits
 - Eliminates transportation costs to outpatient dialysis centers
 - Eliminates 6 transitions of care per week
 - Reduced substantially interruption to meal, medication and therapy schedules
 - Allows for better coordination of care with SNF staff



Outcomes of the 3X per Week Den Model

- ✓ Hospitalization rate per dialytic episode 19.9% vs. 62% reported for MFD programs*
- ✓ Usual dialysis schedule maintained
- ✓ Excellent adherence to dialysis schedule
- ✓ Elimination of six transitions of care per week

*

Hellebrand,AM, Kaplan SM, et al. Epidemiology of nursing home dialysis patients – A hidden population. *Hemodialysis International* , 2021; 1-12.



Summary

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SNF Dialysis Is An Essential Part Of Integrated Care Of The Kidney Patient

- By providing on-site dialysis, SNFs can accept patients who would otherwise remain hospitalized
- A multi-treatment room operated on a three-day-per-week treatment schedule allows for greater capacity
- Permits patients to remain on the dialysis schedule they are accustomed to and accommodates cohorting when clinically necessary
- Transportation of patients to in-center dialysis facilities is costly and may not be feasible, especially when large numbers of patients require dialysis
- SNF dialysis ideally creates better health outcomes with cost savings



Our Vision



To enhance kidney care patients' quality of life by delivering DaVita on-site dialysis care and establishing the industry gold standard for SNF dialysis quality

Thank You!

Knowledge Into Action



Top Take-Aways



What is one thing you learned today that you could start doing immediately?



How will this action improve your current way of doing the practice/process?



Who is involved and how can they support the action to make it sustainable?

Recap & Next Steps

- Additional pathways for learning
 - Sharing Best Practices to a greater community through coalition meetings
 - Using Case Study examples to identify new ways of doing something and missed opportunities
- Next meeting – August 3, 2023 @ 2 pm ET

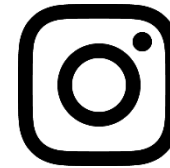
Visit the ESRD NCC website to find materials and share <https://esrdncc.org/en/professionals/expert-teams/>



Social Media



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Thank You

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