



# Care at Home

How to Survey Home Training  
and Support with the New  
ESRD CFCs

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# Care at Home



## Scenario:

You are diagnosed with ESRD. Your physician informs you of the need for dialysis, and presents you with 2 possibilities of settings for your treatments:

# Care at Home



- **#1:** You come to the dialysis unit 5 miles from your home at 7:15 AM on Monday, Wednesday and Friday. Your hemodialysis treatment starts at 7:30 AM and lasts until 11:00 AM. After access site care, you leave the unit at about 11:20 AM.
- **#2:** You can be trained to do your own dialysis treatments (PD or HD). After finishing training, you can set your own schedule for the number of treatments your physician prescribes and do your dialysis at home.

# Clicker Question!!!



- Which option would you choose?
  - A. #1 (In-center HD)
  - B. #2 (Home dialysis)

# Objectives



Demonstrate understanding of:

- The types of home dialysis therapies available
- The key requirements in the CAH Condition
- The survey of home training and support

# Home Dialysis: Prevalence



2007 USRDS data report:

- 1995: approx. 201,000 dialysis patients
  - 31,000 on home therapies: **15%**
- 2005: approx. 340,000 dialysis patients
  - 28,000 on home therapies: **9%**

# Home Dialysis in New CfC



Home dialysis therapies are referenced throughout the new CfCs:

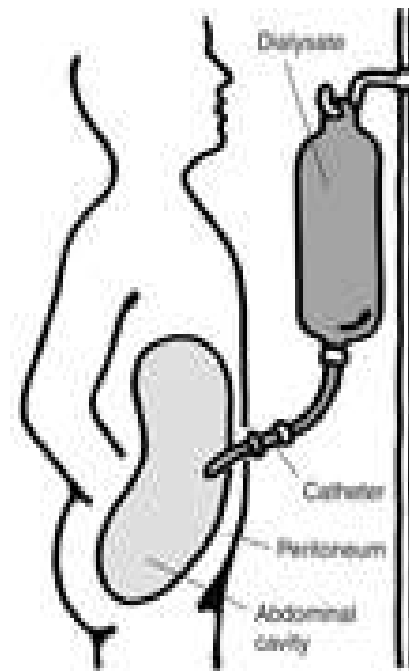
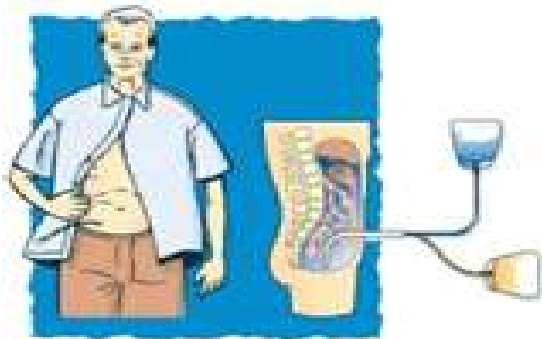
- Care at home
- Patients' rights
- Patient assessment
- Patient plan of care
- Water and dialysate quality

# Home Dialysis Therapies

## Peritoneal Dialysis



- CAPD: continuous ambulatory peritoneal dialysis also referred to as “manual exchange”
- 4-5 “exchanges” per day

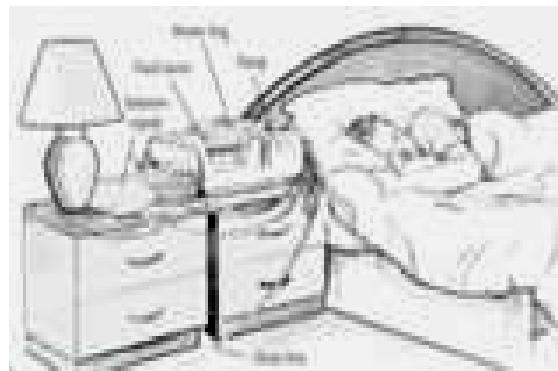


# Home Dialysis Therapies

## Peritoneal Dialysis



- APD: automated peritoneal dialysis  
also referred to as CCPD-continuous cycling peritoneal dialysis
- Exchanges done by the “cyclor,” over a period of 7-12 hours, generally at night



# Home Dialysis Therapies: Hemodialysis



- “Conventional” HD: like in-center HD: usually 3 treatments/week, each 3-4 hours
- “Short Daily” HD: 5-6 treatments/week, each 2-3 hours
- “Nocturnal” HD: treatments 3-6 nights/week, each 6-8 hours

Home HD machines & technologies used vary with the type of HD

# Home Dialysis Therapies

## Hemodialysis



- “Conventional” Home HD:  
Using a “single-pass” dialysis machine and portable water treatment equipment
- AAMI RD52:2004, Annex C addresses water treatment for home HD



# Home Dialysis Therapies

## Hemodialysis



- Less “traditional” HD technologies have emerged: “preconfigured” systems
- May or may not require a water source or any pre-treatment of water
- Manufacturers DFU must be followed



## § 494.100 Care at Home



- Facility must be certified for home training and support (V583)
- Services must be equivalent to in-center (V581)
- Training:
  - Qualified RN responsible (V584)
  - Content of training program (V585)
  - Demonstration of patient/caregiver comprehension(V586)

# Care at Home Requirements



- Interdisciplinary Care
  - IDT oversees training (V582)
  - Provide support services (V588)
  - Care must be coordinated by a IDT member (V590)
  - Consultation with IDT available (V592)
- Monitoring
  - Home visits (V589)
  - Self-dialysis records: “flowsheets” (V587)

# Care at Home Requirements



- Monitoring HHD
  - Water/dialysate (V593)
  - Pre-configured systems (V594)
  - RD52:2004 Annex C (V595)
  - Correct problem, or provide back-up HD (V596,598)
- Supplies/equipment (V597)
- Records (V599)

# Care at Home: Survey Process



- **Task 9a:** Observation of home training area:
  - Space/privacy (V404, 406) clean/sanitary (V111)
  - ER supplies (V413)
  - Training materials:
    - Understandable (V453)
    - Specified topics included (V585)

# Care at Home: Survey Process



## **Task 9b:** Interview home training nurse(s):

- May be one or more nurses (HHD&PD)
- Program overview
- Patient/caregiver training/demo of comprehension (V585, 586)
- Monitoring:
  - Home visits (V589)
  - “Clinic” visits/labs
  - PA and POC (all tags)
  - “Flowsheets” (home records) (V587)
  - HHD water/dialysate (V593-596)

# Care at Home: Survey Process



## Task 10 - Patient interviews:

### ■ Interview guides:

- Some questions are the same as for in-center HD pts.
- Additional questions specific to home dialysis modality

## Task 11\_ - Medical record review:

- Pt Assessment same in all areas (V501-520)
- Pt Plan of Care same in all areas (V541-562)
- Training/demonstration of comprehension (V585-586)



# Care at Home

- Medical record review:
  - Patient monitoring
    - Home visits (V589)
    - “Clinic” visits/labs
    - Seen monthly by Physician, APRN or PA (V560)
  - HHD water/dialysate (V593-595)
- **Task 8 - Machine Operation:**
  - Home patients’ machines maintained by facility included in review (V403)

# Clicker Question!!!



- How often must a home dialysis patient be seen by a physician, APRN or PA providing ESRD care?
  - A. Once a week
  - B. Once a month
  - C. Twice a year
  - D. No requirement

# Home Dialysis in Long Term Care Facilities



- Interim: Home dialysis in long term care facilities will be addressed in an updated Survey & Certification Letter
- Long-Term: New rules will be developed to address this area



# Questions?