

OAR 333-275-0110
Appendix A
APPROVED CORE CURRICULUM FOR ABBREVIATED AND
EXTENDED TRAINING PROGRAMS

1. Procedural / Administrative		
	Abbreviated Training Program	Extended Training Program
Patient care philosophy		X
New patient admission		X
Patient rights and responsibilities	X	X
Advance directives		X
Patient orientation		X
Care plans		X
Consent for dialysis & reuse		X
Patient grievance	X	X
Staff grievance	X	X
Abuse reporting	X	X
Confidentiality	X	X
Job description	X	X
Understanding of primary nurse responsibilities		X
Workplace violence		X
Ordering supplies		X
Incident reports / adverse patient outcomes	X	X
Employee health visit – lab work, Hepatitis B		X
Emergency equipment checklists		X
Safety committee		X
OSHA requirements for dialysis		X
Long term care plan & care plan review		X

Medication and common medications for patients at home		X
Visiting hours and visitor control		X
Bacteriology and infectious disease		X
Prevention & control of hepatitis and contagious disease		X
Universal Precautions	X	X
Handwashing	X	X
Wears appropriate personal protective equipment	X	
Isolation room preparation	X	X
Isolation technique	X	X
HIV & hepatitis policies / procedures		X
Unit safety inservices: MSDS, fire, evacuation, disaster, eyewash, oxygen shutoff, and phones		X
Emergency evacuation kit	X	X
Emergency procedure: oxygen administration, crash cart, use of portable suction, and obtaining monitor strip	X	X
Power failure	X	X
Communication skills – team building		X

2. Water Treatment	With Return Demonstrations	
	Abbreviated Training Program	Extended Training Program
Filter System		X

RO water		X
Testing / QA		X
Chlorine I chloramine testing		X
Complications		X
Role in monitoring water quality	X	X
Role of AAMI / AAMI standards		X
Disinfect central RO		X
Rinse out central RO		X

3. Dialysate Preparation	As defined by facility duties. With return Demonstrations	
	Abbreviated Training Program	Extended Training Program
Storage system		X
Contents of acid concentration	X	X
Changing potassium concentration	X	X
Mixing bicarbonate	X	X
Filling the tanks		X
Quality control monitoring		X
Documentation		X
Complications	X	X
Bleaching and disinfection of bicarbonate loop	X	X
Flushing out bicarbonate loop	X	X
Rinsing out bicarbonate	X	X
Using Bicarts (Cabe machine only)	X	X
Mixing acetate	X	X
Pumping concentrate	X	X

4. Machine checks and setup	With Return Demonstrations	
	Abbreviated Training Program	Extended Training Program
Extracorporeal blood circuit	X	X
Mode description		
Screens	X	X
Locate equipment and supplies		X
Prescription parameters & screens (time, hourly heparin, UF parameters, sodium setting, BP alarm limit)	X	X
Verify machine alarm check	X	X
Reporting mechanism for machine problems	X	X
Verify dialysate I bicarbonate and connect	X	X
PH, conductivity, temperature monitors and checks	X	X
Bypass mode	X	X
Blood circuit monitors	X	X
UF controller		X
Setup extracorporeal tubing using aseptic technique	X	X
Residual disinfectant testing	X	X
Verify dialyzer and place in holder (ID dialyzer verification & initials)	X	X
Prime system: new dialyzer, rinse reprocessed dialyzer	X	X
Complete machine checks	X	X
Accessory equipment: Na+ modeling, auto BP	X	X
Document	X	X

5. Reuse Procedures	For those units practicing reuse only	
	Abbreviated Training Program	Extended Training Program
Dialyzer preparation procedure	X	X
Calibrating equipment	X	X
Preprocessing dialyzers	X	X
Reprocessing dialyzers	X	X
Disinfecting reuse equipment	X	X
Disinfectant indicator I residual test	X	X
Documentation dialyzer reuse log	X	X

6. Pre-dialysis observation		
	Abbreviated Training Program	Extended Training Program
Inspection for volume status (Hypovolemia, hypervolemia, envolemia)	X	X
General patient condition	X	X
Calculating target loss	X	
Dry weight criteria	X	X
Automatic BP & monitoring BP	X	X
Physical observation	X	X
Weighing	X	X
Vital signs	X	X
Symptoms of distress	X	X
Access evaluation (bruit & thrill, visual inspection, ID arterial vs venous sides, and aseptic preparation)	X	X
Laboratory orders	X	X
Medication orders	X	X
Reporting mechanism	X	X

Complete documentation	X	X
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7. Initiation of treatment		
	Abbreviated Training Program	Extended Training Program
Implements correct dialysis prescription	X	X
Determines correct ultrafiltration goal	X	X
Determining blood flow rate	X	X
Lidocaine administration & complications	X	X
Prepares access	X	X
Double needles	X	X
Double lumen catheters	X	X
Inserts fistula needles (Cannulation of fistula, cannulation of synthetic graft)	X	X
Pre-dialysis lab draw (Lab draw: Hematocrit, blood glucose, monthly lab, special lab, lab processing procedure)	X	X
Connects correctly to subclavian catheter	X	X
Properly implements and maintains heparinization	X	X
Dumping blood circuit saline, if allowed	X	X
Connection of extracorporeal circuit (Connecting needle lines and blood lines)	X	X
Blood pump start-up	X	X
Setting correct prescription parameters (prescribed BFR)	X	X

Dialyze mode	X	X
Patient condition & comfort	X	X
Manual recirculation test	X	X
Set pre-determined OF goal	X	X
Complete initiation checklist	X	X
Post-initiation BP, pulse	X	X
Verification complete		X
Documentation complete	X	X

8. Monitoring on dialysis		
	Abbreviated Training Program	Extended Training Program
Patient tolerance	X	X
Vital signs	X	X
Correctly responds to machine alarms	X	X
Alarm codes		X
Documents observation and response to patient status	X	X
Vital signs taken as indicated	X	X
Machine parameters checked	X	X
Machine adjustments	X	X
Monitoring & troubleshooting alarm conditions (Low or high arterial pressure, low or high venous pressure, blood in dialysate, air in blood, maximum TMP, reverse TMP, power failure, low or high conductivity, low or high bicarb conductivity, and high temperature)	X	X
Heparinization initiated and monitored / (calculating the dose, loading dose,	X	X

maintenance dose, complications, heparin pump, tight heparin, heparin free, pork vs. Beef heparin, and PTT [clotting times])		
Appropriate report of change in status	X	X
Administer normal saline appropriately	X	X
Epogen history and application to ESRD patients		X
Recirculating blood in blood lines	X	X
Removing air from blood lines	X	X
Documentation complete	X	X

9. Termination of Treatment		
	Abbreviated Training Program	Extended Training Program
Check medication are given – Calcijex given by RN	X	X
Post treatment lab work drawn	X	X
Vital signs documented – BP (sitting & standing), pulse, and temperature	X	
Post treatment discharge vitals, weight, temperature	X	X
Machine parameters: liters processed, time dialyzed, time off, fluid removed	X	X
Return blood safely	X	X
Removal of access needles	X	X
Holding & dressing access sites	X	X

Needle site hemostasis	X	X
Access care for discharge	X	X
Discharge of patient	X	X
Condition of dialyzer <u>For those units practicing reuse only</u>	X	X
Patient's tolerance of treatment	X	X
Completion of documentation (Completion of treatment record)	X	X
Appropriate disposal of dialyzer & blood lines	X	X
Machine disinfection	X	X
Residual disinfectant test	X	X
Clean & disinfect machine & station (Cleaning chair)	X	X
Cleaning exterior of machine	X	X
Preparation for next use	X	X
Machine off	X	X
Disposition of linen		
End of day closing procedure	X	X

10. Special procedures	Abbreviated Training Program	Extended Training Program
Recirculate blood	X	X
Removing air from lines	X	X
Blood leak	X	X
Clotted dialyzer or blood lines	X	X
Manual operation of blood pump	X	X
Replacing a defective machine during treatment		X

Changing a dialyzer during dialysis		X
Troubleshooting machines for problems		X
Bathroom privileges during dialysis		X
Emergency transfer I patient personal effects		X
Arterial bloodline failure	X	X
Venous bloodline failure	X	X
Set-up hemodialysis machine in critical care	X	X
Intraoperative dialysis set-up		X
Early discontinuation – routine, clamp & cut	X	X

11. Patient Complications	Abbreviated Training Program	Extended Training Program
Prompt RN or MD notification of observed patient complications	X	X
Clotted access – procedure for referral to surgeon		X
Itching		X
Headache		X
Cramping	X	X
Restless legs		X
Seizures	X	X
Weakness		X
Nausea & vomiting		X
Shortness of breath		X
Hypotension – administering normal saline, Trendelenburg position, minimum UFR, and re-evaluation of BP	X	X

Hypertension		X
Angina		X
Arrhythmias		X
Allergic reaction	X	X
Cardiac / respiratory arrest	X	X
Anaphylactic reaction	X	X
Pyrogen reaction – vital signs & patient support, blood cultures, early discontinuation of treatment, and dialysate cultures	X	X
Dialyzer reaction – first use syndrome	X	X
Air foam embolus	X	X
Hemolysis of blood in circuit	X	X
Renalin reaction / infusion	X	X
Dialysis disequilibrium syndrome		X
Fistula' needle problems / complications during dialysis	X	X
Exsanguination	X	X
Hypovolemic shock	X	X
Identify risk factors in dialysis and follows CDC guidelines for infection control		X

12. Access Inspection and Care		
	Abbreviated Training Program	Extended Training Program
AV and graft access inspection	X	X
Subclavian catheter inspection and care	X	X
Femoral catheters	X	X
Insertion of needle	X	X

Responding to needle infiltration	X	X
Recognizing and reporting aneurysms	X	X
Utilize appropriate technique for recirculation study		X
Responds appropriately to clotted access	X	X
Appropriate response to needle problems intradialytically	X	X

13. Laboratory specimen processing		
	Abbreviated Training Program	Extended Training Program
Correctly relates lab tubes to lab test		X
Handles, spins, and packages specimens to be sent		X
Performs hematocrit		
Performs blood glucose test	X	X
Blood and other cultures		X
Performs ACT's correctly		X
Recognizes role of CLIA regulations		X
HIV antibody testing		X
Type and crossmatch for transfusion		X
Venipuncture		X
Drawing blood samples from fistula needles	X	X
Obtaining blood samples from subclavian catheter	X	X
Frozen specimens		

14. Dietary intervention	
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	Abbreviated Training Program	Extended Training Program
Identify role of dietitian		X
Influence of fluid and electrolyte balance on treatment	X	X
Influence of protein balance in patient outcomes	X	X
Role in achieving accurate kinetic modeling results	X	X
Kinetic modeling protocol	X	X
The renal diet	X	X

15. Social services intervention		
	Abbreviated Training Program	Extended Training Program
Role of social services		X
identify support services available		X
Identify psycho-social issues common to ESRD patients		X
Transportation issues		X
Define advance directives		X
Discuss boundaries in your role in ESRD environment		X
Grievance procedure		X

16. Medical records		
	Abbreviated Training Program	Extended Training Program
Treatment flow form – monitor sheet		X
Standing orders		X
Doctor orders / verification		X
Patient assessment form		X
Progress notes		X

Transfusion records		X
Accurate documentation	X	X
Identifies appropriate information to document	X	X
Enters information into computer system accurately		X
Appropriate signatures		X
Makes corrections according to policy		X
Handles records confidentially		X
Handwriting is legible		X
Teaching sheet		X

17. Home services	If offered by facility.	
	Abbreviated Training Program	Extended Training Program
Home care resources for both in facility and home service patients		X
Home patient calls after hours		X
Home hemodialysis patient back-up		X
Access care for discharge	X	X
Discharge of patient	X	X
Condition of dialyzer <u>For those units practicing reuse only</u>	X	X
Patient's tolerance of treatment	X	X
Completion of documentation (Completion of treatment record)	X	X
Appropriate disposal of dialyzer & blood lines	X	X
Machine disinfection	X	X
Residual disinfectant test	X	X

Clean & disinfect machine & station (Cleaning chair)	X	X
Cleaning exterior of machine	X	X
Preparation for next use	X	X
Machine off	X	X
Disposition of linen		
End of day closing procedure	X	X

10. Special Procedures		
	Abbreviated Training Program	Extended Training Program
Recirculate blood	X	X
Removing air from lines	X	X