



Australian Government

**Assessment Requirements for HLTRNL002
Provide care and support to a person
undergoing renal replacement therapy**

Release: 1

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Modification History

Release	Comments
Release 1	<p>This version was released in <i>CHC Community Services Training Package release 3.0</i> and meets the requirements of the 2012 Standards for Training Packages.</p> <p>Merged with HLTRNL602C/HLTRNL603C/HLTRNL604C. Removed pre-requisites. Significant changes to the elements and performance criteria. New evidence requirements for assessment, including volume and frequency requirements. Significant change to knowledge evidence.</p>

Performance Evidence

The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role. There must be evidence that the candidate has:

- performed renal replacement therapy on 3 different people, at least 1 of which must be using peritoneal dialysis and at least 1 of which must be using haemodialysis, including:
 - identifying signs of uraemia and electrolyte imbalance
 - identifying signs of fluid overload
 - identifying signs of dehydration
 - checking peritoneal dialysis exit site
 - assessing patency of vascular access including:
 - palpating fistula for thrill
 - auscultating fistula for bruit
 - checking for signs of infection
 - checking last needle sites.

Knowledge Evidence

The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the work role. This includes knowledge of:

- infection control strategies for management of a person undergoing renal replacement therapies including:

- stressing the importance of good hygiene and adequate nutrition in prevention of infection
- maintaining cleanliness of exit site or fistula arm
- monitoring and maintaining integrity of skin to prevent infection
- using no touch technique
- pathophysiology of Stage 5 CKD and common pathology tests to diagnose and monitor CKD and their interpretation
- reportable limits for a person's vital signs and biochemical and haematological results for a person undergoing renal replacement therapy
- immunity and the importance of vaccinations
- management principles for different types of renal replacement therapy including:
 - haemodialysis
 - peritoneal dialysis
- medicines in common use in management of a person with Stage 5 CKD including basic mechanism of action, precautions and side effects
- organisation policy and procedures relating to renal replacement therapy
- potential impact of Stage 5 CKD and renal replacement therapy has on quality of life and self-esteem including issues related to:
 - fluid balance management
 - nutritional management
 - prevention of infection
 - care of dialysis access
 - care of transplanted kidney
 - administration of medications and identification of their side effects
- signs and symptoms of actual and potential problems of renal replacement therapy and the appropriate response including:
 - hypertension, hypotension
 - hyperglycaemia, hypoglycaemia
 - cardiovascular abnormalities
 - fluid and electrolyte imbalance due to rapid or excess fluid or electrolyte removal
 - malnutrition
 - haemodialysis problems
 - haemolysis
 - vascular access problems
 - clotted or stenosed vascular access
 - prolonged bleeding
 - peritoneal dialysis problems
 - peritonitis
 - exit site infection signs and symptoms including:
 - leakage from site, extravasation or bag
 - blocked catheter due to constipation, catheter movement, fibrin plug

- cracking, splitting and discolouration of the catheter
- cuff extrusion
- mobile catheter
- tension of catheter
- extravasation to surrounding tissue or along inguinal canal to scrotum or labia
- contamination of catheter or ‘Y’ line on bag during exchange process
- blocked or split Tenckhoff catheter
- accidental break in sterile pathway
- hernia
- obesity
- psychosocial issues
- dietary management
- potential vascular access site problems including:
 - decreased thrill
 - high pitched bruit
 - difficulty in needling fistula
 - abnormal arterial and venous pressure readings
 - pain, swelling, redness or trauma
 - false aneurysms
 - blood leak from cannulation site
- own role and responsibilities and those of other health care team members in the delivery of care to a person with CKD.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions. Where simulation is used, it must reflect real working conditions by modelling industry operating conditions and contingencies, as well as, using suitable facilities, equipment and resources.

Assessors must satisfy the Standards for Registered Training Organisations (RTOs) 2015/AQTF mandatory competency requirements for assessors.

In addition, assessors must hold current registration as a registered nurse with Nursing and Midwifery Board of Australia.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c1390f-48d9-4ab0-bd50-b015e5485705>