

COURSE PROFILE

COURSE SUMMARY

Short Title	Introduction to Haemodialysis – Level 1
Area of Care	Renal Service
Audience	RN's, trainee dialysis technicians, new graduates entering into the Renal Graduate Nurse Entry to Practice Programme and who have completed their six months first rotation in the Renal ward
Pre-requisites	CMDHB staff must have completed the haemodialysis training programme consisting of (1) Introduction to Renal Study Day (2) Orientation workbook
Co-requisites	Practising in haemodialysis setting

COURSE PERSONNEL

Facilitator name:	Mohana Varughese
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Facilitator name:	Balaji Jaganathan
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Facilitator name:	Frederic Doss (ACH)
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COURSE STRUCTURE

Purpose / aim	To prepare the nurse/technician/new graduates to focus on the basic, theoretical and practical aspects of caring for patients undergoing haemodialysis
Learning outcomes	<p>By the end of the study day, the learner will able to:</p> <ul style="list-style-type: none"> • State how haemodialysis replaces the function of the kidneys • Describe the concept and principles of haemodialysis • Identify and describe the functions of the essential components of the haemodialysis circuit • Describe complications that may occur during haemodialysis, management and prevention • Interpret and explain the haemodialysis prescription • Demonstrate theoretical and practical knowledge to competently perform a safe chronic haemodialysis treatment according to the needs of each patient • Educate patient and family about their well-being on haemodialysis • Describe and discuss the psychosocial needs of the diverse patient • Describe the interface of the multidisciplinary team in relation to the care of the haemodialysis patients • Describe the advantages, disadvantages and care of different vascular accesses.

Demonstrate cannulation of established vascular access
<p>Content / topics / schedule (mode of delivery)</p> <ul style="list-style-type: none"> • Introduction & Welcome • Functions of the kidney & Principles in Dialysis • Vascular Access • Chronic dialysis prescriptions • The dialysis machine & water treatment • The dialyser & membranes • Principles of cannulation • Complications of dialysis • Machine troubleshooting • Roles and referral process of multidisciplinary team • Education of patient and their family re: lifestyle change <p>Mode of delivery Didactic, group work, discussion, simulation, practical skills, peer assessment</p>

TIMETABLE

Dates and Times	Venues
See Onestaff	

COMMITMENT REQUIRED

Workload	
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ASSESSMENT(S)

Date	Within 4 weeks after attending study day
Method	Diagnostic, formative, summative, practical
Weighting	
Purpose (Formative, Summative)	Completion of orientation workbook, peer assessments, questions and answers, clinical rounds and clinical assessments in the work place
Requirements to pass	Completion of orientation workbook, clinical rounds and clinical assessments
Facilitator feedback commitment	Yearly feedback

RESOURCES

Documents	Photocopied handouts
Clinical	Facilitator
	CNE
	Guest speakers
	Computer and printer
	Data show
	Room

ENDORSEMENT

Course approval date:	
Approved by:	
Next course review:	

IMPROVEMENT

Recent improvements	
Moderation	