

 POLICY	Policy Name: Hemodialysis Performed in Emergency Department and ICU		Policy Number: 7N00.130.130	
	Approval Signature: Original Signed by C. Solmundson		Section: Nursing	Page 1 of 2
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	Policy Contact (Name/Position): Henni Dyck, Program Director of Renal Health			

1.0 PURPOSE:

- 1.1 To provide guidance in circumstances that requires urgent or unscheduled hemodialysis treatment in either Emergency Department (ED) or Intensive Care Unit (ICU).

2.0 POLICY:

- 2.1 Patients may receive hemodialysis in ED or ICU under the following circumstances:
- 2.1.1 Chronic patients admitted or transferred to either ED or ICU, with monitoring provided by those departments i.e. cardiac, ventilation monitoring.
 - 2.1.2 Chronic patients admitted or transferred to either ED or ICU, requiring emergent hemodialysis with no space available in the Hemodialysis Unit outside the patients' normally scheduled treatment time.
- 2.2 Patients may not receive hemodialysis at Seven Oaks General Hospital, and require transfer to Health Sciences Centre or Saint Boniface General Hospital in the following circumstances:
- 2.2.1 Patients on inotropic support. Patients requiring emergent hemodialysis for drug/substance overdose.
 - 2.2.2 Acute new treatment starts will be initiated in the Hemodialysis Unit under the supervision of the Nephrologist. New acute starts may be initiated in the ICU at the joint discretion of the ICU attending and Nephrologist Acute new treatment starts will not be initiated in the ED.

- 2.3 Patients requiring hemodialysis outside the operating hours of the Seven Oaks General Hospital Hemodialysis Unit (0730 - 2330 hours, Monday to Saturday) will be transferred to either Health Sciences Centre or Saint Boniface General Hospital.
- 2.4 The responsibility of the patient's overall care lies with the ED or ICU health care team with the exception of the hemodialysis treatment.
- 2.5 The Hemodialysis Nurse from the SOGH Renal Health Program will remain with the patient at all times during the hemodialysis treatment and will be responsible for all dialysis related care. Hemodialysis nurses will provide their own break relief.

3.0 **PROCEDURE:**

- 3.1 The Nephrologist determines the need for urgent hemodialysis treatment in either ED or ICU:
 - 3.1.1 Nephrologist notifies the hemodialysis charge/unit nurse and ED/ICU charge nurse.
 - 3.1.2 Hemodialysis charge/unit nurse notifies the Patient Care Team Manager (during regular operating hours) or the Facility Patient Care Team Manager (outside regular operating hours) if a staffing issue exists.
 - 3.1.3 Hemodialysis charge/unit nurse assigns nurse to provide treatment in either (ED) or ICU.

4.0 **REFERENCES:**

- 4.1 Manitoba Renal Program Protocol 60.40.12 – Providing Acute/Emergent Hemodialysis Treatments Outside the Operating Hours of the Hemodialysis Units (2015 http://www.kidneyhealth.ca/wp/wp-content/uploads/pdfs/P&P/P&P_60.40.12.pdf)