

NHS Greater Glasgow & Clyde	Page	1 of 5
CONTROL OF INFECTION COMMITTEE	Effective from	February 2011
STANDARD OPERATING PROCEDURE (SOP) ClearSurf	Review date	February 2011
(Surface decontamination for haemodialysis machines)	Version	1

This SOP applies to all staff employed by NHS Greater Glasgow & Clyde (Acute Operating Division) and locum staff on fixed term contracts and volunteer staff.

SOP Objective

To provide staff with information to ensure the adequate decontamination of haemodialysis machines and associated equipment

NEW SOP

Document Control Summary

Document Control Summary		
Board Infection Control Committee ****		
February 2011		
Gail McCormack SCN, Renal Unit, Vale of Leven Hospital		
NHSGGC Decontamination of equipment and the Environment		
NHSGGC BBV Policy		
Renal Unit, Vale of Leven Hospital		
This policy must be implemented fairly and without prejudice		
whether on the grounds of ethnicity, gender, sexual orientation,		
religion, belief, disability or age.		
February 2011		
Isobel (Ippy) Brown		
Jonathan Best		



NHS GREATER GLASGOW & CLYDE CONTROL OF INFECTION COMMITTEE

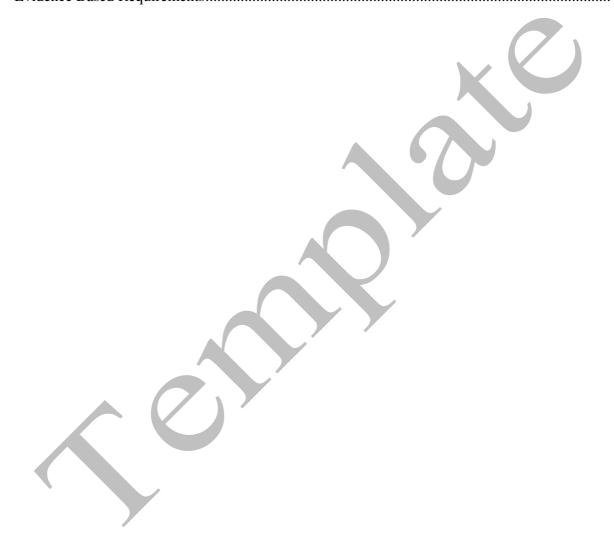
STANDARD OPERATING PROCEDURE (SOP) ClearSurf

(Surface decontamination for haemodialysis machines)

Page	2 of 5
Effective	February
from	2011
Review	February
date	2011
Version	1

CONTENTS

Introduction & Background	3
Evidence Based Requirements	5





NHS GREATER GLASGOW & CLYDE	Page	3 of 5
CONTROL OF INFECTION COMMITTEE	Effective	February
	from	2011
STANDARD OPERATING PROCEDURE (SOP)	Review	February
ClearSurf	date	2011
(Surface decontamination for haemodialysis	Version	1
machines)		

Introduction & Background

CONTENT

- 1. Context
- 2. Purpose and Scope
- 3. Statement of protocol
- 4. References

Context

The aim of dialysis is to replace the excretory function of the kidneys. During a haemodialysis treatment, the patient's blood is circulated outside the body through an extracorporeal circuit on a Haemodialysis machine.

To prevent the risk of infection and cross contamination, the surface of the haemodialysis machine must be cleaned and disinfected with a cleaning and disinfecting agent after every treatment. The recommended solution for this is Clearsurf 1%.

2. Purpose and scope

To ensure that renal staff is aware of the correct procedure in cleaning dialysis machines to promote safety and infection control.

To minimise spillage risks for staff when preparing chemical solutions.

3. Statement of protocol

Solution concentration must be 1% (any less than 0.25% lacks efficacy and may lead to bacteria resistance)

A fresh bottle of solution must be made for each shift



4 of 5 Page NHS GREATER GLASGOW & CLYDE CONTROL OF INFECTION COMMITTEE Effective February from 2011 STANDARD OPERATING PROCEDURE (SOP) February Review 2011 date ClearSurf Version (Surface decontamination for haemodialysis machines)

	To re constitute ClearSurf to a 1% solution: -	
Procedure	To make 500mls of solution:	
	 Wear apron, gloves and protective eye wear for procedure Using the pump dispenser attached to the clearsurf canister, fill the measuring cup to the 5ml mark Pour this 5mls into a measuring bottle Make volume up to 500mls with cold water Label, date and sign the bottle every time fresh solution is made-up Use one dry wipe with solution per machine Ensure machine is not oversaturated with solution Always use a new cleaning wipe if the one in use gets contaminated with visible soiling (e.g. blood) Dispose of PPE's as per local policy Allow solution to dry for 15 minutes. 	
After Care	Follow the procedure for the preparation of 5008 Haemodialysis machines Fresenius Medical Care (2009), operating instructions, Chpt 5.	



NHS GREATER GLASGOW & CLYDE CONTROL OF INFECTION COMMITTEE	Page	5 of 5
	Effective	February
	from	2011
STANDARD OPERATING PROCEDURE (SOP)	Review	February
ClearSurf	date	2011
(Surface decontamination for haemodialysis	Version	1

Evidence Based Requirements

4. References Fresenius Medical Care (2006) Wille.B., (2003). Expert Opinion, microbicidal activity of clearsurf.

