

## Cleaning and disinfection of the exterior of the electric breast pump in Newborn Intensive Care Unit (NICU)

### Procedure Responsibilities and Authorisation

<b>Department Responsible for Procedure</b>	Newborn Intensive Care Unit
<b>Document Facilitator Name</b>	Joyce Mok
<b>Document Facilitator Title</b>	Associate Charge Nurse Manager
<b>Document Owner Name</b>	Chantelle Hill
<b>Document Owner Title</b>	Charge Nurse Manager
<b>Target Audience</b>	Healthcare assistance and nurses
<p><b>Disclaimer:</b> This document has been developed by Waikato District Health Board specifically for its own use. Use of this document and any reliance on the information contained therein by any third party is at their own risk and Waikato District Health Board assumes no responsibility whatsoever.</p>	

### Procedure Review History

Version	Updated by	Date Updated	Summary of Changes
2	Joyce Mok	May 2010	3- yearly update
3	Joyce Mok	May 2013	3- yearly update
4	Joyce Mok	Jun 2016	3-yearly review
5	Joyce Mok	Aug 2019	3-yearly review

## Cleaning and disinfection of the exterior of the electric breast pump in Newborn Intensive Care Unit (NICU)

### 1 Overview

#### 1.1 Purpose

To outline the procedure on how to clean and disinfect the exterior of the electric breast pumps located in NICU.

#### 1.2 Scope

Waikato District Health Board (DHB) staff working in NICU

#### 1.3 Patient group

Mothers of babies and infants in NICU

#### 1.4 Definitions

<b>Symphony Breast Pump</b>	The Symphony Breast Pump is an electric breast pump with a two-phase expressing pumping mechanism.
-----------------------------	--

### 2 Clinical Management

#### 2.1 Roles and Responsibilities

##### All Staff

It is the responsibility of the Change Nurse Manager, Associate Charge Nurse Manager (ACNM)/Coordinator, together with Healthcare Assistant (HCA) and Nurses to monitor and maintain the cleaning and disinfection schedule as outlined in the procedure.

#### 2.2 Equipment

- Appropriate personal protective equipment (PPE), e.g. gloves, aprons and face shield (if splash is likely).
- Disinfectant wipes

#### 2.3 Procedure

##### 2.3.1 Frequency

- The exterior of the electric breast pumps in Expressing Room are cleaned daily by the NICU HCA.
- If the pump is visibly soiled or contaminated with blood or body fluid, the breast pump should be cleaned and disinfected immediately.
- Expressing pump in nursery is cleaned by Nurses after each mother's use before they are used by another mother, according to Waikato DHB Infection Control

Doc ID:	4943	Version:	05	Issue Date:	11 Feb 2020	Review Date:	11 Feb 2023
Facilitator Title:	ACNM			Department:	NICU		
IF THIS DOCUMENT IS PRINTED, IT IS VALID ONLY FOR THE DAY OF PRINTING							Page 2 of 3

## Cleaning and disinfection of the exterior of the electric breast pump in Newborn Intensive Care Unit (NICU)

Procedures: *Cleaning and disinfection processes* and *Reprocessing of health care equipment*.

- Expressing pump in Parents Room is cleaned by HCA after mother and baby are discharged.
- Mothers are encouraged to report any visible soiling or contamination and malfunction to the Nurse/ACNM/Coordinator.

### 2.3.2 Membranes on pumps

- Membranes are changed three times per week by NICU HCA on Monday, Wednesday and Friday to prevent cross-infection and maintain functioning of the pumps.

### 2.3.3 Cleaning and Disinfection

- Wash hands and don PPE, e.g. gloves, aprons and face shield if splash is likely, according to standard precautions.
- Detach all removable parts used for expressing, clean before the disinfection.
- Clean all exterior surfaces with disinfectant wipes using vigorous rubbing.
- Use vigorous rubbing ensures thorough cleaning because the use of friction physically removes micro-organisms and debris from the surfaces of the pumps.
- Dry the pump with paper towel thoroughly prior to re-use.
- Remove PPE and perform hand hygiene.

## 3 Audit

### 3.1 Indicators

- The exterior of all pumps awaiting use is cleaned daily
- In addition, expressing pumps are cleaned after use
- The membranes are changed three times per week

## 4 Evidence base

### 4.1 Associated Waikato DHB Documents

- Waikato DHB Infection Control Procedures: Lippincott Procedures (2019): Cleaning and disinfection processes
- Waikato DHB Infection Control Procedures: Lippincott Procedures (2019): Reprocessing of health care equipment

Doc ID:	4943	Version:	05	Issue Date:	11 Feb 2020	Review Date:	11 Feb 2023
Facilitator Title:	ACNM			Department:	NICU		
IF THIS DOCUMENT IS PRINTED, IT IS VALID ONLY FOR THE DAY OF PRINTING							Page 3 of 3