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PROCEDURE	Manual: Department	Section: Maternal Child	Code No.: MC B002	Old Code No.:
Title: Breast Pump Kits - Cleaning of			Original Effective Date: Dec 11, 2013	
			Review/Revised Effective Date: Feb 06, 2018	
			Next Review Date: Feb 01, 2021	
Cross Index:	Authoring Committee/Program/Dept: Maternal Child Program		Approved By: AMC	

Purpose:

- To outline the correct steps of cleaning breast pump kits to minimize the risk of contamination and infection in the neonate.

Responsibility:

- Nurse
- Lactation Consultant
- Midwife
- Patient

Equipment:

- Bowl
- Breast Pump Kit
- Soap
- Clean Paper Towel
- Bag of Sterile Bottles with Lid

Method:

Procedure	Rationale
1. Fill bowl with cool water and place disassembled parts of the pump kit that come in contact with the breast and milk into the bowl.	Only the parts that come in contact with the breast and milk require cleaning. The tubing and the adapter cap (white) attached to the tubing does not come in contact with the breast or the milk, therefore does not need to be washed (see Appendix A for picture of pump parts).
2. Rinse pump parts with cool water to remove milk residue.	Rinsing pump parts with cool water before washing with hot water is important since milk protein residue not removed from the kit pieces could adhere to the surface and

	provide a place for bacteria to grow.
3. Discard water and fill bowl with warm soapy water.	
4. Wash pump parts with warm soapy water.	Sterilization is not necessary to keep these parts safe and sanitary. Thoroughly washing the pump kit with liquid dishwashing soap and warm water is efficient to remove germs and bacteria.
5. Rinse each piece thoroughly with hot water for 10-15 seconds.	
6. Drip dry on a clean paper towel.	Avoid using cloth towels to dry pump parts because they can carry germs and bacteria that are harmful to breast milk and baby.
7. Inspect tubing for moisture after each use and clean if necessary. If milk accidentally gets into the tubing: <ul style="list-style-type: none"> i. Turn off the pump and unplug from the power source. ii. Remove and disassemble the tubing and wash in soapy water. Fill a syringe with clean water, attach the syringe to the end of the tubing and push the clean water through the tubing to rinse. iii. Hang tubing to air dry before attaching it to breast pump. If small water drops (condensation) appear in the tubing after pumping, turn the pump on for a few minutes until the tubing is dry. iv. If unable to clean effectively discard tubing. 	It is not necessary to clean breast pump tubing unless it comes in contact with breast milk.

Breast pump kits must NEVER be washed in a hospital sink (this includes placing the clean bowl in the sink and washing the pump kit in the bowl).

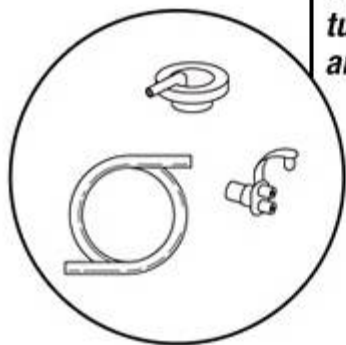
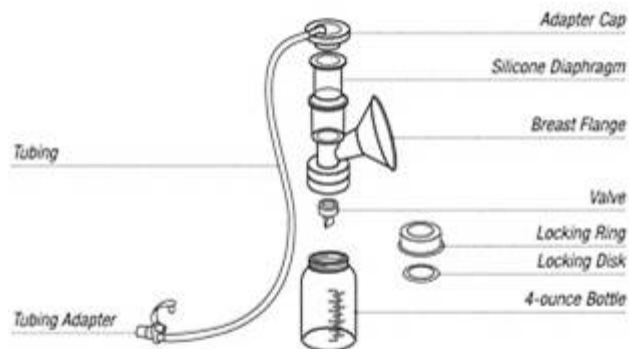
CLEANING OF THE ELECTRIC BREAST PUMP MACHINE:

1. Nursing staff will instruct and ensure that each patient wipes the outer surfaces of the breast pump with the Cavi wipes before and after each patient use.
2. Tubing must be inspected after each pumping session for condensation and/or milk collection by the parent and the baby's attending nurse. The tubing is designed so that it does not come in contact with breast milk.
3. If breast pump machine has required maintenance, ensure that it is cleaned thoroughly before returning to service.

Special Considerations:

Appendix A:

Ameda Purely Yours Pump Parts



Do not boil or wash tubing, adapter cap, and tubing adapter.

References:

- Jones, F. (2011) 3rd Edition Human Milk Banking Association of North America. Best Practice for Expressing, Storing and Handling Human Milk in Hospitals, Homes and Child Care Settings.
- U.S. Food and Drug Administration Medical Devices 10/09/2012. <https://www.fda.gov/MedicalDevices/ProductsandMedicalProcedures/HomeHealthandConsumer/ConsumerProducts/BreastPumps/ucm061950.htm>
- <http://www.ameda.com.au/breast-pumping/assembly-care/downloads-and-instructions.html> accessed sept 12, 2017

tradition is cherished, change is welcomed