

Standard Operating Procedure (SOP)

Status: v 2.0 Revised: December 2, 2021 Owner: Chantelle Riddle – Yarycky, IP&C Specialist WRHA

Title: Cardinal Suction Systems - Inspection, Cleaning and Disinfection

Page 1 of 3

Purpose	Prevent infection risks to patients/resident/clients (PRCs) from contaminated equipment in healthcare settings.
Principles	 Suction Canister Liner Change between PRC, when 2/3 full and/or soiled, every 7 days when in use and every 6 months when not in use. PRC Suction Tubing (clear) and Elbow Change between PRCs, every 7 days when in use and when soiled.
	Wall or Stand Mounted Canister including Vacuum Regulator, Red Braided and Pink Tubing • Clean and inspect between PRCs, when visibly soiled and every 6 months.

The Process:

Step	1) Prepare
1.1	Gather supplies and Personal Protective Equipment (PPE) - Gloves - Accelerated Hydrogen Peroxide (AHP) ready-to-use (RTU) Cleaner Disinfectant wipes (e.g., Accel Intervention) - New suction liner - New suction tubing and elbow - Garbage receptacle - Bedside table or designate a countertop.
1.2	Perform hand hygiene, don gloves and other PPE if indicated by Point of Care Risk Assessment (PCRA).
1.4	Remove Liner from Canister* - Turn off suction at vacuum regulator - Disconnect patient suction tubing and elbow from liner, discard into the garbage - Cap patient port - Disconnect red braided vacuum hose - Cap vacuum port - Liner is now safe to remove, discard in biohazard bin. * As per CDR manufacturer's instructions
1.5	Doff gloves and perform hand hygiene. Don new gloves.
1.6	Place bedside table or use countertop near work area Clean and disinfect surface with cleaner disinfectant wipes Allow for the correct contact time before placing any items on to cleaned and disinfected surface (usually 1 minute**).



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Title: Use of Cardinal Suction System Instructions

Page 2 of 3

1.7	Have garbage receptacle near by for the used cleaner disinfectant wipes.
1.8	Remove canister from wall stand mount.

Step	2) Inspection
2.1	Inspect canister and wall/stand mount - Discard canister if damaged and obtain a new one.
2.2	Inspect red braided and pink tubing for signs of damage, evidence of moisture of soiling - Discard damaged tubing with moisture or soiling detected to the interior. Obtain new tubing.

Step	3) Clean and Disinfect
3.1	If canister visibly soiled:
	 i. Remove soiling on interior and exterior with cleaner disinfectant wipe(s) (use additional wipes to remove soiling as needed) ii. After removing soiling, doff gloves and perform hand hygiene, don new gloves iii. Use a second cleaner disinfectant wipe to disinfect interior and a third to disinfect exterior.
	If canister not visibly soiled:
	i. Use two (2) cleaner disinfectant wipes, clean and disinfect canister. One wipe for interior. One wipe for exterior
	Dispose of used cleaner disinfectant wipes in garbage receptacle
	Place cleaned and disinfected canister on disinfected bedside table or counter top.
3.2	Clean and disinfect [†] the following items:
	 i. Vacuum regulator ii. Red braided tubing iii. Pink tubing iv. Wall mount fixtures Or v. Stand



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Page 3 of 3

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	† If item is visibly soiled:
	 i. Remove soiling with cleaner disinfectant wipe(s) – do not remove soiling on more than one item with the same cloth
	ii. Use a second cleaner disinfectant wipe to disinfect
	iii. Use new wipe(s) for each item
	iv. After removing soiling, doff gloves and perform hand hygiene. Don new gloves.
	If not visibly soiled:
	i. Use 1 cleaner disinfectant wipe to wipe item
	ii. Use a new wipe for each item listed.
	Dispose of used cleaner disinfectant wipes in garbage receptacle.
3.3	Remove gloves and perform hand hygiene. Remove any other PPE used, perform hand hygiene after every item removed.
3.4	Allow items to dry completely, ensuring correct contact time. **
3.5	Reassemble suction – connect red braided and pink tubing, insert new liner, close unused ports, and connect new PRC suction tubing and elbow.

**Follow contact time as indicated by facility approved disinfectant label:

- o 1 minute for Accel Intervention
- o 3 minutes for Accel Prevention