

Process: HoverMatt[®] Cleaning and Disinfection

Desired Goal or Outcome: To prevent infection transmission and to clean and disinfect HoverMatt®, at minimum, after

every patient use

There are **3 different types of HoverMatt®** available:

- 1. Reusable Heat-Sealed
- 2. Reusable Double-Coated
- 3. Disposable

*NOTE

Ensure staff are aware of the type of HoverMatt® available on site as each may have different cleaning, disinfection, laundering and drying instructions based on manufacturer's recommendations.

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STAFF AND EQUIPMENT FOR CLEANING/DISINFECTION

- Minimum of 2 healthcare workers (HCWs) to complete this work.
- Personal Protective Equipment (PPE) as required based on HCW's Point of Care Risk Assessment (PCRA) and/or patient's ADDITIONAL PRECAUTIONS. PPE may include: gowns, gloves, procedure mask, eye protection
- Facility approved disinfectant wipes
- ❖ Facility approved disinfectant Ready to Use (RTU) liquid
- Clean linen cover (e.g., reusable linen sheet)

GENERAL CONSIDERATIONS: HOVERMATT®

- During care of patient use HoverMatt® Disposable Protector Sheets® OR other reusable linen covers (e.g., sheets) to protect HoverMatt® from gross soiling
 - ❖ In Operating Room (OR) and Labour & Delivery (L&D) settings, use fluid proof, HoverMatt® Disposable Protector Sheets® to prevent gross soiling of HoverMatt®
- Use impervious sleeve to cover accordion air hose to prevent transmission risk

CLEANING AND DISINFECTION: HOVERMATT®

Clean/disinfect HoverMatt® on the stretcher/HoverJack®/bed/other;

DO NOT CLEAN/DISINFECT HOVERMATT® ON THE FLOOR

- ❖ Inflate HoverMatt® during cleaning/disinfection
- Clean/disinfect all surfaces (top, bottom, sides, pull handles, belt straps and clips), air supply inlet/unit, and storage cart
- ❖ Keep wet for manufacturer's required contact time (e.g., Accel Intervention requires 1 minute wet contact time)
- Allow to completely dry before reuse or packaging equipment (air holes and liquid from disinfectant or laundry process poses risk for microorganism growth)

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REUSABLE HOVERMATT® CLEANING AND DISINFECTION: Patient Room Process

STEP#	DESCRIPTION	KEY POINTS / IMAGES	WHO
1	Laterally transfer patient then: □ Deflate HoverMatt® on patient bed □ Remove HoverMatt® from under patient □ Move HoverMatt® onto stretcher/HoverJack® bed/other to clean/disinfect	Clean/disinfect HoverMatt® before it leaves the patient environment	Facility designated staff (e.g., persons involved in transfer, Housekeeping staff).
2	 □ Perform hand hygiene (HH). □ Put on gloves if HoverMatt® is visibly soiled. □ Reinflate HoverMatt® to clean/disinfect. □ Remove HoverMatt® Disposable Protector Sheet®, dispose in garbage in patient environment OR remove other reusable linen cover and place into soiled laundry bin. □ Check top and bottom surfaces of HoverMatt® for visible soiling. If visibly soiled clean area with disinfectant wipes then discard wipes. 	Clean/disinfect HoverMatt® even if protective cover used, even if not visibly soiled. Don gloves, additional PPE as required.	
3	 □ Take off gloves and gown (if worn). □ Perform HH. Put on new gloves and eye protection. □ Saturate top surface of HoverMatt® with RTU liquid. □ Spread liquid with disinfectant wipes to cover all top surfaces, sides and straps of HoverMatt®. Discard wipes. □ Keep wet for manufacturer's required contact time. □ Wipe off excess disinfectant if pooled (e.g., crevices). □ Allow top surface of HoverMatt® to dry completely. 	RTU liquid must be used with disinfectant wipes; wipes alone do not have enough solution to saturate HoverMatt®. DO NOT use rags; they absorb RTU liquid so the HoverMatt® does not stay wet long enough to be disinfected. If splashing of RTU liquid is anticipated, put on PPE (e.g., eye protection). Clean/disinfect HoverMatt® from head-toe. Accel Intervention wipes require a 1 minute wet contact time. HoverMatt® must remain inflated while drying. Top surface of inflated HoverMatt® takes approximately 5-10 minutes to dry.	

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REUSABLE HOVERMATT® CLEANING AND DISINFECTION: Patient Room Process

STEP#	DESCRIPTION	KEY POINTS / IMAGES	WHO
4	1st HCW: Tilt/lift HoverMatt® off stretcher/HoverJack®/bed/other Remove protective cover (if used) and place into soiled laundry bin (reusable linen cover) or discard into waste bin (HoverMatt® Disposable Protector Sheet). Take off gloves, perform HH and place a clan linen cover on the stretcher/HoverJack®/bed/other.	Require a clean surface to place the cleaned/disinfected HoverMatt® top side, while the rest of the HoverMatt® is cleaned/disinfected. HH is required before handling clean linen cover to prevent contamination.	
5	☐ Flip cleaned/disinfected and dry top surface of HoverMatt® onto clean linen cover of stretcher/HoverJack®/bed/other.	Do not place cleaned/disinfected areas of HoverMatt® onto soiled surface. Reposition air supply unit (if needed) when HoverMatt® is flipped over.	
6	Both HCWs: Remove gloves Perform HH Put on new gloves Saturate underside surface of HoverMatt® with RTU liquid. Spread liquid with disinfectant wipes to cover all underside surfaces, sides, outer edges, air intake connector, flaps, handles/buckles and HoverMatt® straps. Discard wipes Keep wet for manufacturer's required contact time. Wipe off pooled excess disinfectant (e.g., crevices).	Clean/disinfect exposed underside surface of HoverMatt® from head to toe. PPE required when cleaning underside surface due to air holes which may spray germs into eyes and mouth. Prevent cleaned/disinfected parts of HoverMatt® (e.g., straps, flaps) from touching contaminated surfaces	Facility designated staff (e.g., persons involved in transfer, Housekeeping staff).
7	Keep HoverMatt® inflated while drying. Cleaned/disinfected HoverMatt® must be dry before deflating, folding and placing back into storage cart.	Air supplying the mattress speeds drying. <u>Underside surface</u> of HoverMatt® dries in ~5 minutes. A moist, wet mattress facilitates microbial growth.	

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REUSABLE HOVERMATT® CLEANING AND DISINFECTION: Patient Room Process

STEP#		DESCRIPTION	KEY POINTS / IMAGES	WHO
	clean/di	raiting for underside to dry sinfect Air Supply Unit/Storage Cart.	Ensure wipe is not saturated to avoid	
8	1 st HCW:	□ hold the hose	damaging air supply unit motor. Do not	
	2 nd HCW:	☐ Clean/disinfect exposed surfaces of air supply unit and storage cart with disinfectant wipes	squeeze disinfectant liquid directly on air supply unit.	
	Both HCWs	□ Wait for HoverMatt® to dry completely before proceeding to next step.		
	2 nd HCW:	turn off air supply unit; HoverMatt® will start to deflate. Disconnect hose from HoverMatt®. Clean/disinfect HoverMatt® connection site with disinfectant wipes	Allow cord to dry before folding it.	
	1 st HCW:	☐ Remove/dispose of hose cover, hold end of hose to prevent falling onto contaminated surface		
9	2 nd HCW:	 □ Wipe entire hose and open end of hose (that plugs into HoverMatt®) with disinfectant wipes. □ Place cleaned/disinfected hose in storage cart. □ Remove gloves. Perform HH. 	Return HoverMatt®/storage cart to designated storage location.	Facility designated staff (e.g., persons involved in
	1 st HCW:	 □ Clean/disinfect cord (from unit end to plug end) with disinfectant wipes. □ Place cord into cleaned/disinfected storage cart. □ Remove gloves. Perform HH. 	Storage cart must be stored in a clean and dry environment.	transfer, Housekeeping staff)
	Both HCWs	 ☐ Complete folding HoverMatt. Place in storage cart. ☐ Exit patient environment. Perform HH. 		
	initial o	er HoverMatt [®] if still soiled after clean/disinfection. See ABLE HOVERMATT [®] DERING PROCESS		

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REUSABLE HOVERMATT® CLEANING AND DISINFECTION: Laundry Process

STEP#	DESCRIPTION	KEY POINTS / IMAGES	WHO
1	REUSEABLE HoverMatt® must be laundered: ❖ If still soiled after initial cleaning/disinfection ❖ If used for a patient on Contact, Droplet/Contact or Containment Precautions ❖ If used with a patient in the OR or L&D Room DO NOT place soiled HoverMatt® on HoverMatt® storage cart when sending to Laundry. Refer to Site Specific HoverMatt® Laundering Instructions.	Create a site specific Laundering Procedure that includes: Linen bag to transport soiled HoverMatt® Provision of space to launder Appropriate washing machine with recommended temperature for cleaning/disinfection -160F or 71C. Ability to completely dry HoverMatt® (space to hang to dry, use air supply unit, or dryer with specific temperature), and Number of HCWs to move it when wet. Frequency of HoverMatt® usage may be impacted due to time needed for laundering/drying. Follow manufacturer's laundering instructions: http://www.hovermatt.com/hovermatt.html	Facility designated staff (e.g., persons involved in transfer, Housekeeping staff).
	IMPORTANT: Throw out DISPOSABLE HoverMatt® after patient no longer requires it. Do not machine wash or dry as it cannot tolerate the process.	IMPORTANT: Do not put the DOUBLE-COATED HoverMatt® in the dryer; allow to air dry completely.	

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HOVERMATT® CLEANING AND DISINFECTION: Patients on Additional Precautions

STEP#	DESCRIPTION	KEY POINTS / IMAGES	WHO
1.0	Patients on Contact Precautions (including Airbone/Contact, Contact, Droplet/Contact) OR Containment Precautions use: DISPOSABLE single patient use HoverMatt® OR REUSABLE HoverMatt® may be used but MUST BE LAUNDERED after patient no longer requires. Put on PPE as per Additional Precautions and PCRA (gloves, gown, eye protection, mask/N95 respirator as appropriate).	After patient no longer requires HoverMatt® (e.g., discharge, isolation discontinued): a. DISPOSABLE HoverMatt® must be discarded (cannot be laundered or reprocessed) b. REUSABLE HoverMatt® must be laundered (remove gross soiling before laundering; See steps 1.1 – 1.9 below) DISPOSABLE HoverMatt® can be dedicated and reused on same patient: Clean/disinfect if grossly soiled during use Dispose if still visibly soiled after cleaned/disinfected Do not take storage cart into patient environment if it can be avoided. If storage cart has been in patient environment, clean/disinfected HoverMatt® into cart and before leaving	Facility designated staff (e.g., persons involved in transfer, housekeeping).
1.1	If Disposable or Reusable HoverMatt® is grossly soiled, clean/disinfect area. ❖ Deflate and remove HoverMatt® from under patient ❖ Move HoverMatt® onto stretcher/HoverJack®/bed/other	Clean/disinfect grossly soiled HoverMatt® before it leaves patient environment	Facility designated staff (e.g., persons involved in transfer, housekeeping).

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HOVERMATT® CLEANING AND DISINFECTION: Patients on Additional Precautions

STEP#	DESCRIPTION	KEY POINTS / IMAGES	WHO
1.2	 □ Re-inflate HoverMatt® to clean/disinfect □ Remove HoverMatt® Disposable Protector Sheet and discard into garbage in patient environment OR remove other reusable linen cover and place into soiled laundry bin. 	Clean/disinfect HoverMatt® even if protective cover used.	Facility designated staff (e.g., persons involved in transfer, housekeeping).
1.3	 □ Check top surface of HoverMatt® for visible soiling. If visibly soiled: ❖ Clean area with disinfectant wipes ❖ Discard wipes □ Saturate soiled area of HoverMatt® with RTU liquid. □ Spread liquid with disinfectant wipes to cover soiled surface. Discard wipes. □ Keep wet for manufacturer's required contact time (e.g., Accel Intervention needs 1min. wet contact time). Do not rinse. □ Wipe off excess disinfectant if pooled (e.g., crevices) with disinfectant wipe. □ Ensure HoverMatt® is dry before deflating or placing back onto patient bed. 	RTU liquid must be used in conjunction with disinfectant wipes; wipes alone do not contain enough solution to saturate HoverMatt®. Do not use rags to clean/disinfect HoverMatt®; they absorb RTU liquid so the HoverMatt® will not stay wet long enough to be disinfected. Clean/disinfect HoverMatt® from head to toe depending on soiling. HoverMatt® must remain inflated while drying. Top surface of inflated HoverMatt® takes ~ 5 minutes to dry.	
1.4	Check HoverMatt® underside surface for visible soiling; if soiled, clean/disinfect area 1st	HH required before handling clean linen cover to prevent contamination. Clean linen cover provides clean area for top surface of HoverMatt® to rest while completing cleaning/disinfection of the underside of the HoverMatt®. Air supply unit may need repositioning when HoverMatt® flipped over.	Facility designated staff (e.g., persons involved in transfer, Housekeeping staff).

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HOVERMATT® CLEANING AND DISINFECTION: Patients on Additional Precautions

STEP#	DESCRIPTION	KEY POINTS / IMAGES	WHO
	Both	Air holes on underside of HoverMatt® may spray germs when RTU liquid applied. Put on PPE (e.g., eye	
	 □ Clean soiled area with disinfectant wipes □ Discard wipes. □ Saturate soiled area of HoverMatt® with RTU liquid. □ Spread liquid with disinfectant wipes to cover soiled surface. Discard wipes. 	protection such as safety glasses, procedure mask) to prevent splashing into eyes and mouth. RTU liquid must be used in conjunction with disinfectant wipes; wipes alone do not contain enough solution to saturate HoverMatt®.	
1.5	 □ Keep wet for manufacturer's required contact time. □ Wipe off excess disinfectant if pooled (e.g., crevices). □ Keep HoverMatt® inflated while 	Do not use rags to clean/disinfect HoverMatt®; they absorb RTU liquid so the HoverMatt® will not stay wet long enough to be disinfected.	
	drying. ☐ Ensure HoverMatt® is dry before placing back on patient bed. ☐ If HCWs leave patient environment while HoverMatt® is drying, remove PPE and apply clean PPE upon re-entry.	Clean/disinfect HoverMatt® from head- toe depending on soiling. Air supplying the mattress speeds up drying. Underside surface of inflated HoverMatt® takes ~ 5 minutes to dry. A moist, wet mattress facilitates microbial growth and material breakdown.	
1.6	Upon discharge or discontinuation of Additional Precautions Discard DISPOSABLE HoverMatt® Place REUSABLE HoverMatt® into designated laundry bag per site laundering instructions.	Air hose, air supply unit, and storage cart must be cleaned and disinfected before removing from patient environment.	
1.7	Cleaning/disinfection of Air Supply Unit/hose/cart 1st HCW: Hold the hose 2nd HCW: Clean/disinfect exposed surfaces with disinfectant wipes	Ensure wipe is not saturated to avoid damaging the air supply unit motor. Do not squeeze disinfectant liquid directly on the air supply unit.	
	HCWs must wait for HoverMatt [®] to be completely dry before moving to next step.		

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HOVERMATT® – CLEANING AND DISINFECTION: Patients on Additional Precautions

STEP	#	DESCRIPTION	KEY POINTS / IMAGES	WHO
		Unid connection site of hose		
	1 st HCW:	 Hold connection site of hose Remove cover starting from air supply unit. Hold end of hose to prevent contamination 		
	2 nd HCW:	☐ Clean/disinfect hose & connector site with disinfectant wipes.		
1.8	1 st HCW:	 Remove gloves, perform HH, put on new gloves, take new wipes, and hold hose. Clean hose connector exterior and interior. Place clean/disinfected hose into cart. Clean/disinfect electric cord (from unit to plug end) with disinfectant wipes. 	Allow cord to dry before folding it.	
1.9	1 st HCW:	 □ Place electric cord into cleaned/disinfected storage cart. □ Push cleaned/disinfected storage cart to doorway. □ Remove PPE 	. Return storage cart to designated storage	
	If <u>cart or</u> bring in patient	☐ Perform HH ☐ Remove cart from patient room putside patient environment, do not side. Clean all components that were in room prior to removing. If cart had been	Storage cart must be stored in a clean and dry	Facility
	supply	nto patient room, clean/disinfect air unit, hose and electric cord in patient see above) before removing and placing a cart.	environment.	designated staff (e.g., persons involved in
2.0	(includ	s on Airborne or Droplet Precautions ing Airborne/Contact or t/Contact)	A REUSABLE, dedicated HoverMatt® may be used for patients on Airborne or Droplet	transfer, Housekeepi ng staff).
		replace air filter after use for ne, airborne/Contact Precautions.	precautions, but must be cleaned/disinfected after	
		t department responsible for rative maintenance of HoverMatt.	each use. Follow the <i>REUSABLE</i> HoverMatt® Cleaning and	
	HoverN	atient no longer requires REUSABLE latt [®] : clean/disinfect HoverMatt [®] before Il from patient room	Disinfection (Patient Room Process) procedure and/or Laundering procedure.	

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HOVERMATT® CLEANING AND DISINFECTION: Operating Room and/or Labour & Delivery

STEP#	DESCRIPTION	KEY POINTS / IMAGES	WHO
		HoverMatt® usage in L&D and/or OR areas increases risk of cross contamination from blood and body fluids. Before HoverMatt® usage, determine which type of HoverMatt® is appropriate (DISPOSABLE versus REUSABLE) based on anticipated level of soiling. See OESH Safe Work Procedure.	
1.0	a. DISPOSABLE single patient-use HoverMatt® OR b. REUSABLE HoverMatt®, but MUST LAUNDER after use.	 DISPOSABLE HoverMatt®: Can be dedicated and reused on the same patient Clean/disinfect it grossly soiled during use Throw out if still visibly soiled after cleaned/disinfected Obtain a new Disposable HoverMatt® as required Discard once patient no longer requires it Cannot be laundered or reprocessed Dispose of according to level of soil (e.g., biohazardous vs. general waste) 	Facility designated staff (e.g., persons involved in transfer, Housekeeping staff).
	Use <i>HoverMatt Disposable Protector Sheet</i> ® in L&D and/or OR settings.	REUSABLE HoverMatt®: ❖ Must be laundered if used in L&D and/or OR settings ❖ Before laundering, if grossly soiled, clean/disinfect REUSEABLE HoverMatt® as per Reusable HoverMatt® Cleaning and Disinfection procedure section. If patient is on Additional Precautions, see HoverMatt® Cleaning and Disinfection for Patients on Additional Precautions procedure section. For Laundering direction, see Reusable HoverMatt®: Laundry Process.	

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HOVERMATT® CLEANING AND DISINFECTION: Preventative Maintenance

STEP#	DESCRIPTION	KEY POINTS / IMAGES	WHO
1.0	Air Filter Cleaning: Per User Manual instructions. Clean air filter monthly, or according to facility's preventative maintenance schedule. Remove Filter from the air supply and hold it under warm running water. Filter must air dry completely before placed back into air supply unit. Air Filter Replacement: Replace filter annually at a minimum, or when it: Is clogged with debris that does not break free when it is washed Begins to lose its shape or deteriorates Remains discolored or "dirty" after rinsing No longer stays in place on the motor	Always replace filters after use for airborne precautions.	Site staff responsible for Air Filter Maintenance
2.0	HoverMatt® Maintenance: Before use, perform a visual inspection on the HoverMatt® to ensure. There is no visible damage that makes it unusable The HoverMatt® has all of its patient safety straps and handles There are no tears or holes that prevent it from inflating.	Refer to manual for all appropriate parts. If any damage is found that causes the system not to function as intended, remove from use and return to HoverTech.	

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