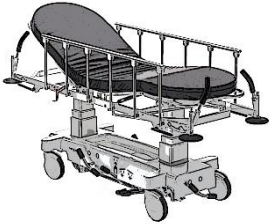



## Cleaning recommendations for Novak M stretchers, therapy and day hospital chairs

	MATERIALS	CLEANING	DISINFECTION
<b>CONSTRUCTION</b> 	Powder coated steel, chrome plated steel, stainless steel	Regular cleaning is recommended. Use a soft microfiber cloth and a mixture of water and soap. Wipe dry. Use non-abrasive cleaners!	For disinfection, follow the same instructions as for the mattress.
	Plastic cover	Dust and dry dirt should be removed with soft, damp cloth. Use traditional non-scouring household cleaners. Wash well afterwards and clean with a dry cloth. Do not use acetone, chemical cleaning agents, solvents and cleaning agents that are the chemical groups of ketone, ester and aromatic solvents.	
<b>MATTRESS</b> 	Mattress: PU - coated material 100% Polyester with moisture protection 100% Polyurethane	Regular cleaning is recommended.  To remove the dirt from the mattress, use a cloth and a mixture of soap and warm water. Rinse with clean water and let it dry off completely.  It is recommended that blood and urine are removed immediately to avoid surface staining if left for some time before cleaning. Use paper towels, cloth and cold water.  Do not use abrasive cleaners, solvents, acetone or acids.  Regularly inspect the mattress for any damage in PU material!	Always clean and dry off the mattress before disinfection! It is recommended to rinse with clean water after cleaning or disinfecting. <ul style="list-style-type: none"> <li>• to prevent build-up of residual cleaning chemicals which may compromise mattress cover biocompatibility.</li> <li>• to prevent build-up of residual cleaning chemicals, leading to cleaning with a higher concentration than recommended and possibly damaging the cover</li> <li>• to prevent the formation of abrasive crystals that can abrade the product surface both in use and in subsequent cleaning</li> </ul> Alcohol, if allowed to 'pool', may result in temporary swelling of the cover making it more prone to mechanical damage.  Disinfectants should be used as per the manufacturer's instructions. You can find a list of the recommended disinfectanting methods attached. Use only one disinfectant at a time!

## Cleaning recommendations for Novak M stretchers, therapy and day hospital chairs

Method	% active	Dwell time	Post application	Impact on fabric
Alcohol	70 typical	10 mins	Rinse and dry. Avoid pooling	<b>Acceptable for use and recommended subject to precautions.</b> Coating may swell and be prone to damage. Care must be taken until fully dry (~1hr).
Ethylene Oxide	3	>30 mins: temperature dependent	Toxic residue may remain. Rinse thoroughly and dry before use.	<b>Acceptable but not recommended.</b> Explosion and toxicity issues in handling the EtO. Residue will compromise cover biocompatibility.
Chlorine and compounds	1,000 ppm to 10,000 ppm	<10 mins: strength and microbial target dependent	Rinse and dry	<b>Acceptable and recommended.</b> 1,000 ppm is appropriate for day to day cleaning. Up to 10,000ppm may be used to decontaminate. Must be rinsed with clean water and towel dried (avoid harsh abrasion).
Formaldehyde	2-8	<10 mins	Rinse and dry	<b>Not suitable for use.</b> Personnel exposure limits apply for cleaning staff. Strong odor.
Glutaraldehyde	2	temperature dependent	Rinse and dry	<b>Acceptable for use.</b>
Hydrogen peroxide	3-25%	<5 mins	Neutralize and dry	<b>Conditionally acceptable for use.</b> Must be fully neutralized.
Iodophors	75-100 ppm	<20 mins	Neutralize and dry	<b>Conditionally acceptable for use.</b> Must be fully neutralized. Highly alkaline peroxide (10 and above) is not acceptable for use.
Orthophthalaldehyde	0.55%	5 mins	Rinse and dry	<b>Acceptable for use with precautions.</b> Will stain human skin
Peracetic acid	0.2-0.35	<20 mins	Rinse and dry	<b>Not suitable for use.</b>
Phenolics	2-12%	10 mins	Discard	<b>Not suitable for use.</b> Irreversible swelling of coating
Quaternary Ammonium Compounds	3-15%	varies – refer to label guidance	Rinse and dry	<b>Conditionally acceptable for use.</b> Quaternary Ammonium Compounds are typically too alkaline. Quaternary solutions having a pH > 10 are not recommended. <b>DO NOT USE QUATS (WIPES)</b> containing sodium hydroxide (NaOH).

Disclaimer: Always follow the instructions for use of each disinfectant. Long-term use cannot exclude the possibility of material deterioration. Novak M does not accept any responsibility with regards to the disinfectant effects.

Komenda, June 2023