

Recommendation for the Cleaning and Disinfection of the Erigo

1. General

The Erigo is a noncritical item, described as follows: *“Noncritical items are those that come in contact with intact skin but not mucous membranes. Intact skin acts as an effective barrier to most microorganisms; therefore, the sterility of items coming in contact with intact skin is “not critical.”*¹

The following processes are recommended, but should be adapted to comply with the local or national guidelines which may apply within the Healthcare Facility or the country of use:

- Pre-Cleaning / Cleaning (if necessary)
- Disinfection

The Erigo should be routinely disinfected between all patients and cleaned at regular intervals while in use.

2. Pre-Cleaning / Cleaning

- Adjust the height of the Erigo to an ergonomically good position.
- Make sure the Erigo is turned off and the power connector is unplugged.
- Visible dirt and particles should be wiped off the Erigo by using a wet cloth or a dry brush before starting the disinfection procedure.

3. Disinfection

- The Erigo can generally be disinfected with the procedure of surface disinfection using wipes and / or sprays.
- The more delicate orthopedic parts, i.e., harness, leg loops, foot straps consist of material which cannot be properly disinfected using surface disinfection. These parts need to be washed for proper disinfection (see following Recommended Disinfection Procedure (3.1)).
- Please make sure no disinfectant is getting to electronic interfaces, like the USB connector, the FES socket or the main power socket.
- The use of disinfection showers is not permitted due to the electric connections and the unsealed moveable parts.
- Make sure surfaces to be disinfected are well covered with disinfectant.

¹ Rutala WA et al., 2008

3.1 Recommended Disinfection Procedures for Erigo Components

Components	Disinfection Procedure
After each patient	
Back cushion Foot padding Foot plates Leg padding Armrests Rollboard FES cables	Wipe ^a
Leg cuffs (in case of direct skin contact)	Foam spray ^b
At the end of each working day	
Monitor / touch screen Remote control	Wipe ^a
If needed, e.g. due to pollution with body fluids (e.g. sweat, urine, faeces)	
Metal components: - Frame - Foot mechanics - Leg mechanics	Wipe ^a
Orthopedic material: - Harness (incl. shoulder belts, chest belt, waist belt, leg loops) - Foot straps	Washing machine ^c
- Leg cuffs	Remove pollution fluids and visible dirt from textile parts under running water. Avoid rinsing the metal hinges. Wipe ^a carbon and metal parts. Foam spray ^b textile parts until fully soaked.

^a Includes mechanical cleaning.

^b Surface needs to be fully wet; dry before reuse.

^c Wash with 60°C; use laundry bag; delicate fabric cycle.

3.2 Recommended Disinfectants

When choosing disinfectants, health aspects of the staff / patients as well as material compatibility need to be in focus. Hocoma recommends to use disinfectants based on **quats (quarternary amonium cations)** as they provide the best material compatibility, are environmentally friendly and economical.

Please make sure to remove any soap residues before disinfection with quats.

Examples for recommended products are:

- Innocid RFD-i 44 RAPID FOAM (PRISMAN Pharma International AG)

Hygiene Concept

Erigo®



- Descosept Special (Dr. Schumacher)
- Mikrozyd sensitive liquid (Schülke)
- Cleanisept (Dr. Schumacher)
- Mikrobac basic (Bode)

Examples for recommended products for US customers are:

- QUAT-STAT SC (Betco)
 - First Defense™ 40-90 (Foster)
 - IAQ 2500 (Fiberlock)
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- Please note that alcohol-based disinfectants can be used, but might lead to changes in material composition over medium to long-term application.
 - In case of any uncertainties, please always consult an internal disinfectant expert.