

## Merianto Medical hospital furniture user and maintenance manual

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### What to observe when using the furniture?

Merianto Medical hospital furniture is designed to be used for intended purposes under normal interior conditions. The furniture must be stored and used in dry, heated rooms where the air temperature is not below +10°C and where the relative humidity is in the range of 40-60%.

It is recommended to protect the furniture from direct sunlight which may change the product's colour and appearance: finished surfaces will bleach and become dull whereas varnished surfaces may crack. Sunlight has the strongest and fastest effect on natural wood and veneer surfaces.

The products' shelves, doors, drawers and work surfaces must not be overloaded with heavy items. It is not permitted to attach to doors additional details or loads which have not been taken into consideration in the product design. The furniture item and their compartment doors must be kept closed to avoid hinge and compartment deformation.

Placing hot items on the furniture may spoil the product's surface, so it is advisable to use appropriate heat absorbers.

Metal articles or articles with sharp edges may damage the furniture's surface.

When the furniture comes in contact with liquids, the furniture must be dried immediately using a clean, soft cloth.

Any visible ties, bolts or screws in the furniture's construction must be checked occasionally. Checking should be done in 2-4-year intervals depending on the product and its use intensity. If needed, contact Merianto client service.

When dislocating specific furniture, it is recommended to use a specialist's assistance or ask advice from the producer. The producer's installation guide must be adhered to when dealing with cabinets that are attached to walls. Do not forget to follow safety requirements when performing installation works.

When relocating furniture, moveable parts – drawers, doors, interior shelves and accessories – must be removed from the items. All components must be packaged separately to avoid damage to individual details.

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### How to take care of the furniture?

The furniture is usually made from durable and easy to maintain materials. When cleaning the furniture, abrasive components as well as detergents containing bleachers and solvents must be avoided. The chosen detergents must be used in accordance with their use instructions.

**Cabinet shells** are made from quality melamine which are to be cleaned using water soluble detergents. Neutral dish washing agents (pH6-8) or slightly alkaline cleansing agents (pH 8-10) diluted with water are appropriate. When using alkaline cleansing agents, the surfaces must be additionally wiped with a moistened towel.

**Coated and varnished surfaces** are cleaned the same way as cabinet shells using towels moistened with dish-washing agent (pH 6-8).

**High-pressure laminate covered surfaces** withstand mechanical wear, most furniture cleaning agents as well as the effects of weak acids. The highest momentary contact temperature that laminated surfaces will withstand is +180 C°. Stubborn stains can be cleaned using cloths moistened with rubbing alcohol, acetone or solvents. It is not recommended to rub surfaces while cleaning. Strong substances such as blood,

bacteriological contamination, paint, oils, solvents, varnish, glue, sticky substances etc. may be removed from laminated surfaces using stronger organic cleansing agents such as acetone, petrol or alcohol. Polishing materials should be avoided as should glossing agents, waxes and cleansing agents containing acids or acidic salts (aminosulfacide, hydrochloric acid, silver polishing agents). Stronger cleansing agents should not be used for cleaning work surface PVC or wood borders.

**Composite material surfaces** (Kerrock, Corian, Durat, HiMacs etc.) are intended for use in interior conditions. The product's surface is polished and fairly durable relative to stains caused by different substances, liquids etc. Within 4 hours at the latest, acidic materials and oils that come in contact with the surface should be removed using a moist soft towel. Smaller mechanical surface defects can be repaired by repolishing, which should be done every 2-3 years depending on the surface's use intensity.

**Glass doors and surfaces** are best cleaned with window washing agents and towels. Abrasive cleansing agents should be avoided which may matt the glass surface. All glass used for the furniture is tempered safety glass.

**Powder coated steel and aluminium** baskets, frames and accessories are essentially maintenance free. If cleaning is required, a neutral cleansing agent and towel should be used. The surfaces may be treated with anti-static agents to avoid static electricity creation. Abrasive cleansing agents, solvents and acetone must not be used.

**Stainless steel** products are highly durable and require little maintenance. Stainless steel surfaces are cleaned with neutral or slightly alkaline cleansing agents. After cleaning, the cleaned surfaces should be wiped dry. Window washing agents may also be used as they dry quickly without leaving drips and are very effective for removing greasy dirt. Smaller surface defects can be removed from stainless steel surfaces using polishing paste (request additional info from the Merianto representative).

**Door hinges** are concealed and made of metal. They open 220 degrees and are adjustable in three directions. The hinges do not require maintenance and are easy to keep clean. Occasionally, depending on use intensity, the hinges may require adjustment which is easily done by turning the screws on the hinge base. If necessary, contact Merianto client services.

**Plastic side panels** withstand loads up to 20 kg per each basket. The side panels are maintenance free. Neutral dish washing agents (pH6-8) are appropriate or slightly alkaline cleansing agents (pH 8-10) diluted with water. When using alkaline cleansing agents, the surfaces must be additionally wiped with a moistened towel. It is recommended to use a special brush to clean the side panels as the brush fits into the grooves of the panel (for ordering, contact Merianto's representative).

**Ball-bearing telescopic runners** withstand a load factor of up to 50 kg per runner pair. The runners may be wiped with a dry towel if necessary. Depending on frequency of use, the runners may need occasional oiling.

**Plastic baskets and dividers** are made from durable plastic intended for high density use in conditions requiring frequent cleaning.

**Baskets PC** (polycarbonate) are high mechanical load factor products which are machine washable withstanding temperatures up to +125 C° and even +140 C° for a short while. The baskets are durable in terms of oil and grease. Acidic and alkaline substances may damage the product's surface.

**Baskets ABS** (Acrylnitrile-butadiene-styrene) are rigid and strong, when stabilised, with a high load-carrying capacity. During cleaning, the baskets withstand temperatures up to +70 C° and even +90 C° for a short while. The baskets will withstand weak acidic and alkaline substances.

**Attention! The material characteristics and maintenance instructions in the maintenance manual have been obtained from the material suppliers. The presented requirements must be adhered to when performing the products' maintenance. Merianto will not take responsibility for consequences from material and product misuse or insufficient maintenance. If necessary, request additional info from a Merianto representative.**