

MRGN – Overview of preventive measures.

Basic hygiene and additional measures in case of isolation.

* see back fro definitions

	Basic hygiene 3MRGN* Normal areas + High-risk areas, when Enterobacteria are concerned (expect E. coli and Klebsiella spp.)	Isolation/Additional measures 4MRGN* All areas + 3MRGN* High-risk areas <i>Pseudomonas aeruginosa, Acinetobacter baumannii, Escherichia coli, Klebsiella spp.</i>
Hand hygiene	<ul style="list-style-type: none"> ■ hygienic hand disinfection before and after each patient contact ■ after contact with near-patient surfaces ■ after removal of single-use gloves ■ after contact with pathogenic material ■ before aseptic procedures 	
Protective equipment	<p>Long-sleeve protective gown (preferably for single use) and single-use gloves for invasive procedures or nursing activities to protect working clothes against blood, secretion or excretion</p> <p>Personnel: Face mask, at least when droplets of blood, secretion or excretion may be spilled/formed Tip: Face mask in case of colonisation in the respiratory tract</p>	<p>Long-sleeve protective gown (preferably for single use) and single-use gloves before entering the room</p>
Materials needed for care, treatment and examination	Normal standard	Use materials per patient, e.g. blood pressure cuff, stethoscope, thermometer
Surface disinfection		Disinfect all contact surfaces on medical devices after using them in the patient; wipe disinfection; completely cover (do not spray) near-patient surfaces; Tip: use pre-saturated single-use wipes
Instrument disinfection		Dry disposal in closed container; preferably automated reprocessing in the Central Sterile Services Department (CSSD); when reprocessing manually, observe the standard operating procedures; when single-use articles are used, discard them after use

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Dishes	Normal standard	Preferably, use a closed trolley or container for transportation to the Central Kitchen When using a dishwasher: immediate reprocessing of the dishes (programme with at least 65 °C)
Washbowls		Tip: Automated reprocessing in a bed pan washer
Bed pans		Automated reprocessing in the bed pan washer
Laundry	Normal standard	In the patient room, dispose of laundry as normal hospital laundry in laundry bag; transport laundry in liquid-tight bag
Waste disposal	In accordance with waste disposal plan	In the patient room, use a closed container (AS 180104 Waste group B)
Terminal disinfection	No specific terminal disinfection when performing routine disinfecting cleaning, except for bed reprocessing (beds and pillows)	Observe the exposure time; disinfection for example includes: <ul style="list-style-type: none"> ■ bed reprocessing ■ transport blankets and pillows to laundry services ■ discard already opened and non-protected material/medical products that cannot be disinfected ■ if applicable, remove screen and blinds

Geriatric care: Basic hygiene + additional measures for residents/outpatients at particular risk

Hygienic hand disinfection		Before group activities and after using the toilet (if necessary, resident needs to be supported by staff)
Toilet hygiene		Own toilet or commode chair; or disinfection of the toilet after use by affected resident/outpatient
Furniture attributed to specific persons		Outpatients concerned should have their own bed or recliner seat Surfaces should be disinfected before use by other persons

*** Definition of 3MRGN/4MRGN**

Assessment of multiresistance of Gram-negative pathogens is based on the four antibiotic classes – acyl ureidopenicillins, third/fourth-generation cephalosporins, carbapenems and fluoroquinolones – that are used as primary therapeutic substances for severe infection.
 3MRGN: multi-resistant Gram-negatives being resistant to 3 of the 4 classes
 4MRGN: multi-resistant Gram-negatives being resistant to 4 of the 4 classes

