



Guidelines for swine handling at the MR-centre through examination/treatment/scanning (in rooms utilised for patient care as well)

In general

- Everybody dealing with research at the MR Center (including research on swine), must pass the safety and hygiene course.
- All swine are considered generally (infected) colonised with MRSA.
- The risk of cross-infection is the same between swine and people as between people. Thus, the same general hygiene measures must be employed.

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Before arrival at the MR-centre with your swine

The anesthetized swine is wrapped in solid plastic film (blue), which must be completely tied up (with tape). Only the ventilation tube and catheters in veins can penetrate the packaging. The lab-animal must be visibly clean before it is wrapped up (after operation, animal blood and other secretions must be removed).

It is mandatory that the wrapped-up animal, on arrival at the centre, is uncontaminated on the surface.

When entering the scanner room

The swine must remain wrapped in plastic throughout the whole examination. All mobile furniture and fittings in the scanner room must be moved away from the animal (> 1 meter).

If possible, the coils should be packed in plastic bags.

When handling blood samples non-moveable furniture and fittings must be covered by plastic.

After placing the animal in the examination room, you may go in and out of the room without protective equipment – unless you do touch the swine skin.

Gloves must be worn when touching the tube with intravascular catheter or similar.

When you scan

When you leave the exam/treatment room hand disinfection must always be carried out just before contact with other furniture and fittings.

If you are forced to break the plastic film wrapping, the requirements about protective equipment becomes effective. See below for more details about protective equipment.



Protective equipment: the use of protective equipment involves the use of long-sleeved, fluid resistant disposable coat and gloves. Use surgical mask when there is a risk of dust spreading from the lab animals and bedding. By risk of drizzle or spray of liquids use surgical mask with face shield.

The protective equipment (sleeves, gloves) must be taken off before you leave the exam/treatment room. Waste must be wrapped in blue or transparent plastic bag. Close the trash bag with the special bag-“shutter” and process as normal waste: bring the waste together with the animal to the Exp. Surg. Lab. If the wrapping appears to be violated, and there is a visible pollution of furniture or bed, disinfection must be carried out using Chlorine 1000s ppm (see below).

After the MR-scan procedure

All linen, having been in contact with the test animal or the roller-table, must be wrapped and treated as contaminated linen and returned to origin (e.g. Exp. Surg. Lab.). Do not shake the linen prior to packaging.

Furniture and bed, which has been in contact with the wrapped swine must be cleaned with water and soap and disinfected with 70% hospital alcohol. Industrial wipes containing soap and ethanol can be used, for example the blue industrial wipes from Wet Wipe (see below).

Contact points (e.g. door handles), as well as horizontal surfaces, which may be contaminated with splashes, spray or contact with swine or staff must be cleaned and disinfected as described above.

Stains on the floor must be disinfected and/or washed, if there has been a waste.

The monitoring equipment e.g. ECG cables, that has been in direct contact with the lab. animal must be disinfected using Chlorine 1000 ppm - either in the form of industrial wipes containing Chlorine or with Actichlor.

The bucket to use with water and soap, as well as the blue cloths from Wet Wipe can be found in the MR-Centres sluice room (skyllerum). The poison locker storing Actichlor is placed here as well

All ventilation tubes and lines used for respiratory care are to be used only once (must be thrown away). After use they must be packed in the waste bag and must be brought to. Exp. Surg. Lab. - just like the other waste. When packing, please ensure the tube ends to prevent loss of condensation water.