



Curtin University Standard Operating Procedure

CLEAN-DIRTY CORRIDOR SYSTEMS

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REVIEWER	Reviewed Annually by Dr Beng Hooi Chua	Dr Tara Pike	Dr Tara Pike		

Aim /Purpose: To describe arrangements for “traffic flow” within the animal facility. The Curtin animal facility is designed along barrier principles in order to protect the animals from contamination from the outside. One of the concepts central to barrier maintenance is that of the double corridor or clean dirty corridor system. This design allows personnel to better maintain one-way traffic flow leading to less contamination of equipment and animals.

Access systems and door locking patterns within the facility will generally prevent errors occurring but personnel should have an appreciation of the system in place

1. Personnel will enter the facility via the changing room. Having donned the appropriate protective clothing (see SOP HUS 13 on facility entry) they are then deemed “clean” and enter the barrier at Clean Corridor 1 (barrier access actually starts at clean side of the shower).
2. Personnel may enter any of the rooms off clean Corridor 1 i.e. the clean store, surgery, laboratory/procedure room or corridor 4. Following entry to these rooms they are still deemed “clean” and may re-enter the facility i.e. return to the clean corridors.
3. All animal holding rooms lie adjacent to both clean and dirty corridors. Providing personnel have not entered the dirty corridor they may still return into the clean corridor system. If they have entered the dirty corridor they are not permitted to re-enter the holding rooms or the clean areas and must proceed through the dirty areas to exit the barrier. If re-entry to the clean areas of the facility is required then they



will have to exit via the dirty corridor system and re-enter the facility via the changing room. Such a procedure is also required for access to toilet facilities.

4. If personnel are doing work that requires access to dirty areas e.g. cleaning out, disposal of carcasses they would therefore be advised to avoid entering the dirty corridors until completion of their work.
5. Dirty items should be transported from the animal/procedure rooms into the dirty corridor for storage in the dirty store or disposal in the waste store. Equipment that needs to re-enter the facility e.g. caging, bottles etc will be washed in the washroom/rackwasher and then autoclaved in the pass through autoclave into room 139 which serves as the clean store.
6. Equipment for use should always be taken from the clean store.