



Project: Technical assistance to improve implementation of food safety standards and disease crisis preparedness

Training course: Biosecurity when entering the farm

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- When to practice biosecurity
- Preparation
- Set the barrier
- Dress
- Undress
- Follow-up

All right, I know the biosecurity rules for farm entry may seem complex...shall we start over?



• Source: pig333.com



General (subject, scope, responsibilities, overview etc...)

Basic principles

Biosecurity before entering the farm

Dressing

Undressing

Follow-up

Annexes



- Veterinary professionals!
- Consider biosecurity as a verb!
- The goal of the PB
 - Do not bring infection on holding!
 - Do not take the infection from holding!
 - Do not spread infection in holding!
- **Iatrogenic transmission** - induced inadvertently by a physician or surgeon or by medical treatment or diagnostic procedures
- Think about how to reduce the risk!!!



- **Segregation, (physical separation)**
- **Cleaning, (mechanical or chemical removal of dirt)**
- **Disinfection, (deactivation or elimination of the causative agent)**





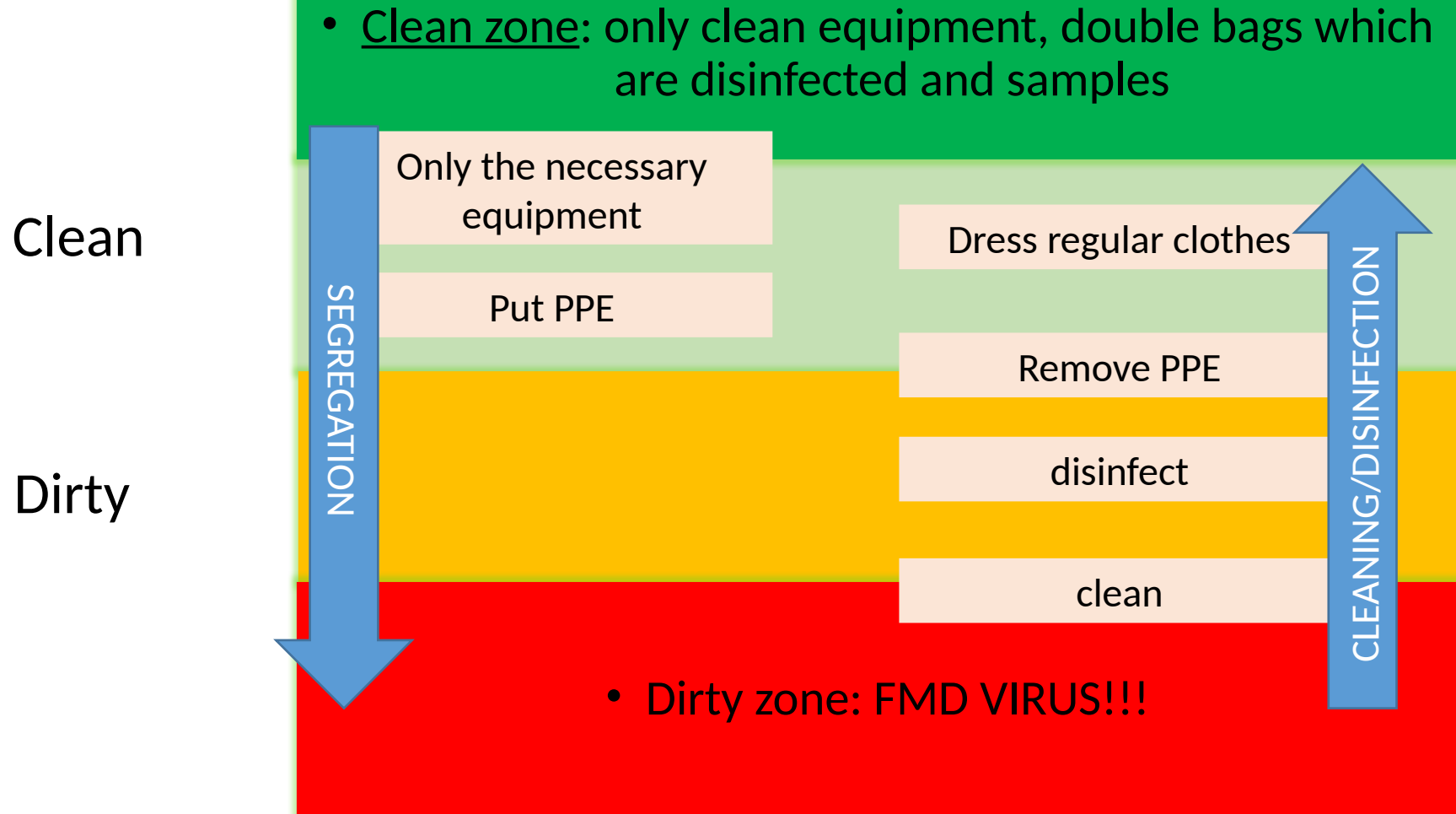
- Car parking
- Car preparation
- Staff preparation
- Equipment
- Cleaning and disinfection



What is the necessary equipment!



- Plastic mat
- Buckets (3 ideally)
- Detergent (approved)
- Disinfectant (approved)
- Scrubbing brushes (2)
- Rubbish bags (including biohazard bags)
- Ziplock bags (for transporting phone or other equipment)
- Disinfectant wipes for face
- Boots
- Boot covers
- Disposable head cover
- Disposable biosecurity suit
- Waterproof over suit if required
- Face mask (optional)
- Protective goggles (optional)
- Examination gloves
- Tape
- Scissors to cut tape
- Sampling and recording equipment





• CLEAN

- Other PPE
- Waste bag
- Bucket with disinfectant

- Sampling kit
- Ziploc bag
- Forms
- Pen
- Phone



• DIRTY

- Waste bag
- Bucket with detergent
- Bucket with disinfectant
- Two brushes



- **CLEAN**

- **Wear**

- Suit
- Double gloves
- Boots
- Boot covers
- Heat covers
- Goggles
(optional)
- Mask (optional)

- **DIRTY**



- **CLEAN**

- **Take**

- Spare clothes
- Treatment (opt)
- Drinking water (opt)
- Camera (opt)

- **DIRTY**

Procedure - 4



Clean

Cleaning

Infected





- In a group have a team leader
- Designate the disaffection point
- Put the plastic mat
- Put all of the equipment on the mat
- Put the equipment for the dirty part on the dirty part
- Put the disposable suit
- Put the disposable gloves
- Ensure them with the tape
- Put the second pair of gloves
- Put the boots
- Put boot covers
- Put headcover
- Put mask

- Put the forms, phones and other equipment in Ziploc bag
- Take the sampling equipment with you
- Take other items you find necessary (treatment, food, water)
- Help others
- Change the gloves between activities





- Clean and disinfect all materials and equipment that you will take with you
- Ensure no organic matter remain on the cloths of boots
- Remove the second pair of gloves
- Remove the overcoat
- Remove the gloves
- Leave waste on the farm
- Remove the boots
- Once more disinfect the materials and equipment and put them in a double bag
- Use the detergent and disinfectant in accordance with the producer instructions

Do not!



- Disinfects without cleaning first (**Half a job syndrome**)
- Does everything correctly - then takes out the cigarettes/lighter/phone, contaminates them and puts them back in the pocket (**Marlborough Man syndrome**)
- Cleans and disinfects boots perfectly - but neglects overalls/waterproofs (**Brown coat syndrome**)
- No clinical FMD on the farm - so why bother? (**Ostrich syndrome**)
- Too busy, in too much of a hurry - doesn't have the time to clean & disinfect (**VIP syndrome**)
- Disinfection point too far away - why not just jump the fence? (**Lazy syndrome**)
- One bucket of disinfectant will last forever- it does not need topping up or replacing regularly (**Loaves and fishes syndrome**)





- How to do it 😊
- <https://www.youtube.com/watch?v=ljS-53r0FJk&feature=youtu.be>

- How not to do it! 😞
- <https://www.youtube.com/watch?v=ZX9nLGKTBDw>



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THANK YOU FOR YOUR ATTENTION



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