

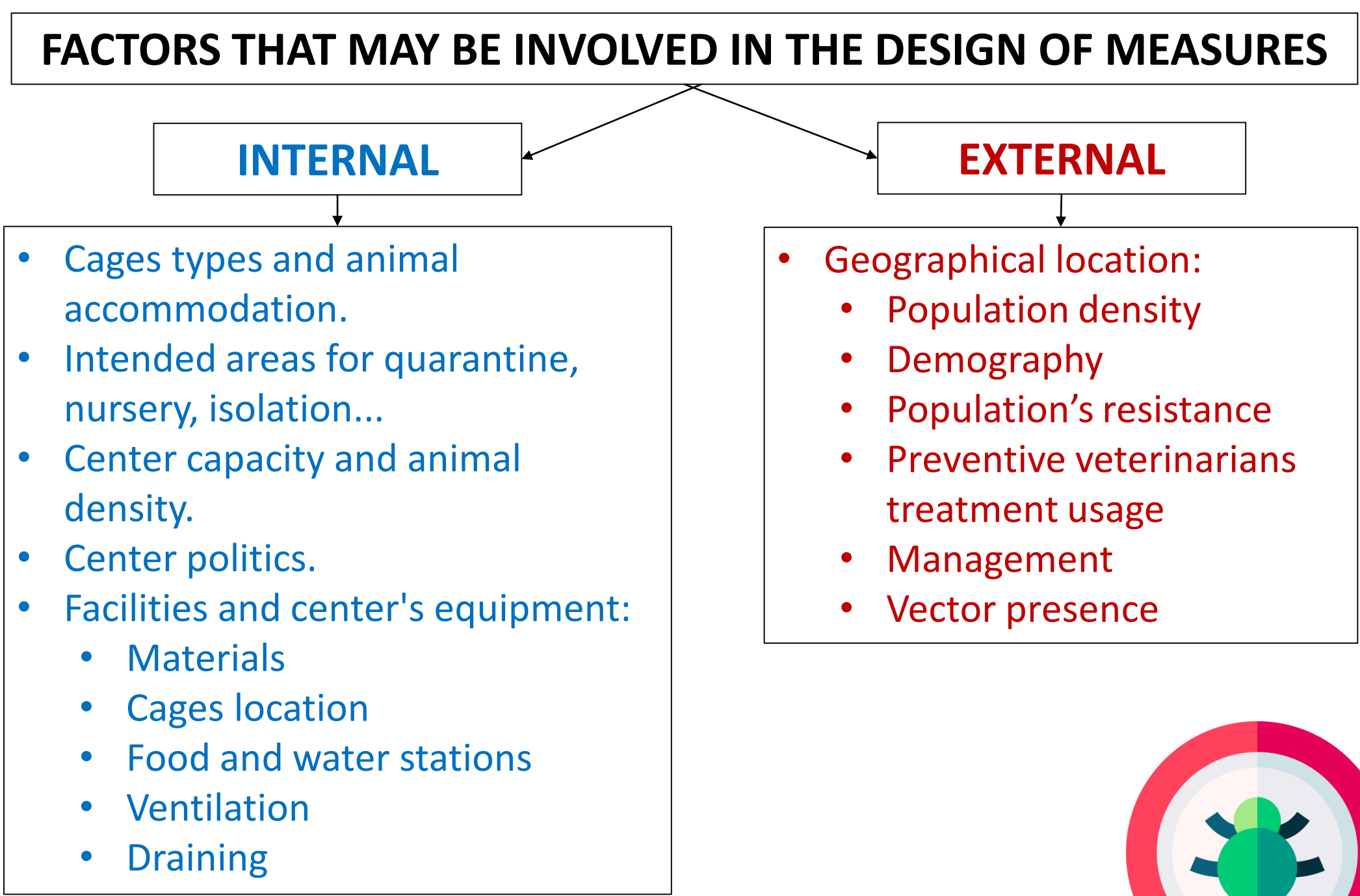
# BIOSECURITY MEASURES TO BE APPLIED IN CANINE GROUPS

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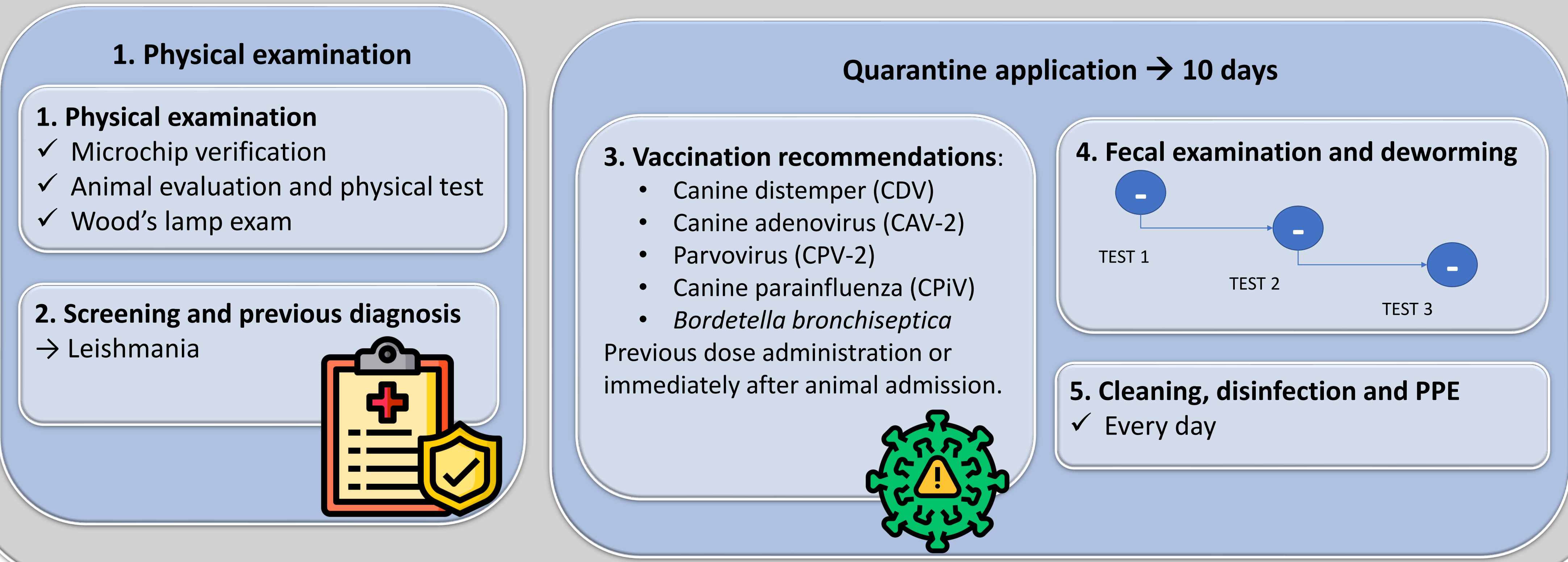
The aim of this project is to accomplish a bibliographic review to design a protocol which includes the proper biosecurity measures to apply in dog shelters, as for trying to avoid or at least to **minimize the diseases entry and/or the emergence of an outbreak in the canine collective**. This can lead to a decrease of the usage of certain products such as antimicrobial, anthelmintic and antiprotozoal ones. It is important to emphasize that if the health status of the center is correct:

- ✓ **Animal health improves**
- ✓ **Welfare increases**
- ✓ **Consequently more animals can be adopted**

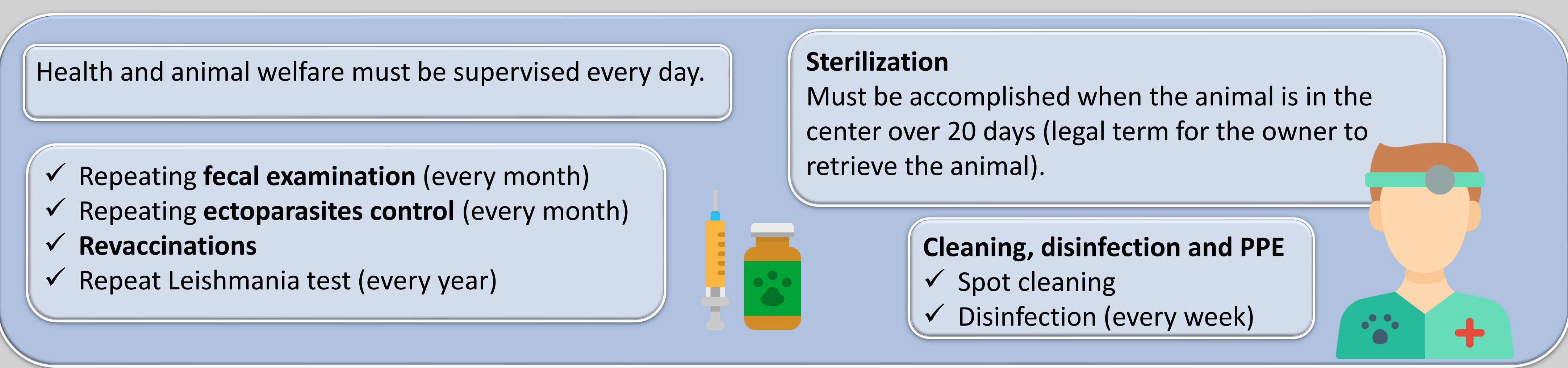


**Biosecurity** has to contain measures to allow the contention of pathogens in the facility and measures to prevent the entry of pathogens to the collective.

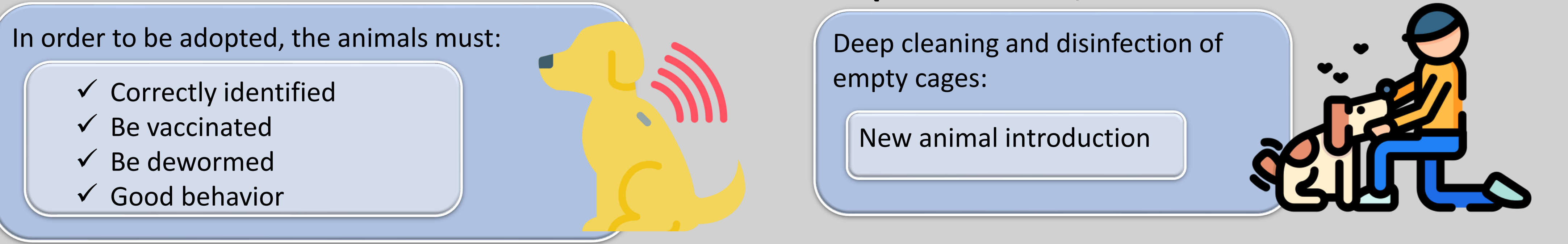
## NEW ANIMAL ARRIVAL



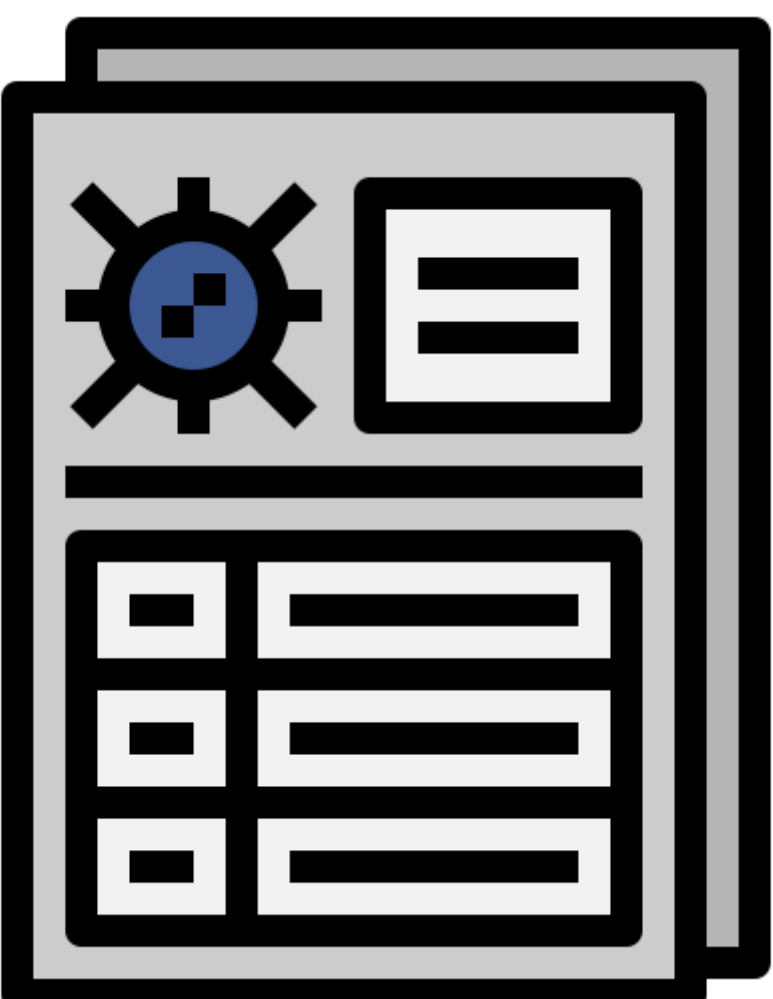
## DURING THE SHELTER - GROUP ACCOMODATION



## LEAVING THE CENTER (ADOPTION)



## DISEASE OUTBREAK

- 
1. Identify the problem or pathogen and determine what signs appear
  2. Splitting the animals into 3 groups: infected, in contact and healthy
  3. Collection of samples to set up a diagnosis
  4. Identify positives, review disease characteristics, treatment options and other measures
  5. Apply tighter hygienic-sanitary measures
  6. Avoid the movement of animals outside and inside the facility

## CONCLUSIONS

It is important to follow a strict biosecurity measures protocol to improve the health status of the center, although all the centers are different, therefore they must adapt.