

DEALING WITH AVIAN INFLUENZA

OTHER THAN MIGRATING BIRDS, HUMANS ARE THE LARGEST CONTRIBUTOR TO DISPERSING AI

SAFE

VS

DANGEROUS

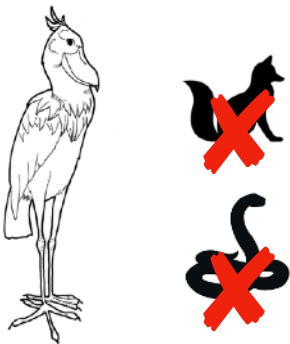
A KEEPER ASSIGNED TO BIRD ENCLOSURES

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- Can only work with birds, he/she doesn't touch other type of animals (Mammals / Reptiles)

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- Can help the dolphin keeper to clean the basin if asked
- Can scratch the lemurs through the fence, like he/she does every morning



A NEW BIRD JUST ARRIVED

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- It is quarantined it for at least 21 days before being introduced into the aviaries
- The quarantine is built away from the other bird enclosures to prevent contamination

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- The facility it is coming from is well known, no need for quarantine...
- The other facility has assured it is not sick, so it is placed directly in with the resident birds

WHEN ENTERING / EXITING A BIRD ENCLOSURE

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- The person needs to stand in the footbath every time for at least 2 mins and use the spray bottle for cleaning hands
- Even if the person didn't touch anything, he/she still uses the disinfection measures to prevent unwanted contamination

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- The person steps over the footbath because he/she already did it once today !
- There is no need to use the hand spray when the person didn't touch the animals



WHAT IS AVIAN INFLUENZA ?

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- To understand the problem, reading books and publications is the best way to go
- A vet can also give information
- Share this knowledge with others

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- There is no need to worry, only vets are concerned
- It is not important to know
- It is just a new trend, there is no need to panic

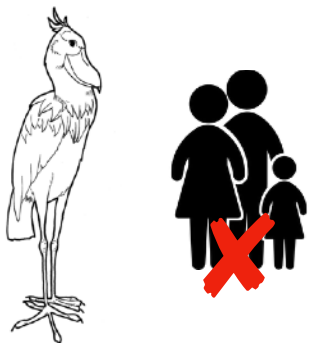
A VISITOR WANTS TO TOUCH A BIRD

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- Explain to the visitor that because of the outbreak of Avian Influenza, it is not safe for him/her nor for the bird
- Put up signs to explain it is forbidden

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- The bird is taken out for the visitor, visitors are paying so they can do what they want !
- A keeper left his birds unattended and visitors can reach them if they want to pet them



SOMEONE DROPPED OFF A WILD BIRD

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- If there is a quarantine center, then the bird is taken in directly to the quarantine
- The person working with birds that are not quarantined can't touch the wild bird at all
- If there is AI in the area, don't accept wild birds

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- The wild bird doesn't look too bad, it is placed in with the resident birds
- There is no quarantine, so the wild bird is taken to a small cage next to the aviary.

A PERSON IS ASSIGNED TO QUARANTINE AREA

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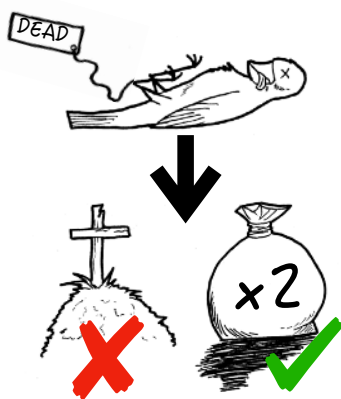
- That person can't work with the resident birds anymore, he/she will contaminate them
- The person uses disinfection measures (footbath, hand spray) when entering and exiting the quarantine

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- That person helped to clean the other aviaries, the usual keeper was sick
- That person lent the quarantine brush and rake to the lion keeper, he lost his.



OTHER ANIMALS



ONE OF THE BIRDS HAS DIED OF AI

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- Double bag it and call the vet for advice
- The carcass can't lay in the sun before it is disposed of, it is stored in a separate quarantine freezer

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- The carcass is buried as it has always been done
- The carcass is incinerated on site, in the open, and the ashes fly around in the air...

PATHWAYS, WALKWAYS AND DECKING

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- Need to be cleaned every day with disinfectant (Virkon / Bleach)
- Ensure correct solution strength by proper dilution of the product

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- Don't need cleaning, it rained just yesterday
- Are only cleaned with a broom to pick up litter and leaves, no water involved



An infographic by



Acknowledgements



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DEALING WITH AVIAN INFLUENZA IN THE WIDE AREA

OTHER THAN MIGRATING BIRDS, HUMANS ARE THE LARGEST CONTRIBUTOR TO DISPERSING AI

SAFE

VS

DANGEROUS

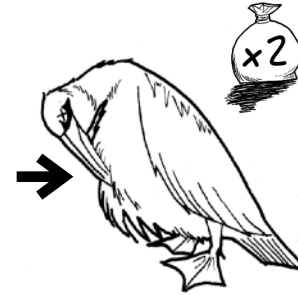
A PERSON HAS BEEN IN AN INFECTED COLONY

- + That person is forbidden to enter another colony or animal facility for minimum 3 days
- + That person cannot use the same clothes or shoes he/she wore at the infected colony

- An employee/researcher working with birds can return to his normal job as a bird caretaker after being into an infected colony, his boss is waiting for him !



NO BIRDS for 3 DAYS



ONE OF THE BIRDS HAS DIED

- + Double bag it, send to a SANAS approved laboratory and advise the state vet
- + If the bird's beak is very sharp, stick it into its belly so that it doesn't puncture the bags

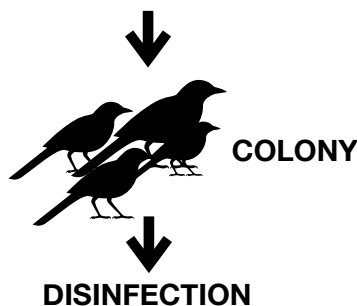
- The carcass is buried as it has always been done
- The carcass is incinerated on site, in the open, and the ashes fly around in the air...

WHEN GOING TO / COMING BACK FROM A COLONY

- + Disinfection protocols take place before entering the colony and after leaving the colony
- + All shoes/clothes/tools need to be disinfected

- The shoes/clothes don't have to be disinfected if the disinfectant can damage them
- Officials can skip through the disinfection process

DISINFECTION



VOLUNTEERS

VOLUNTEERS WOULD LIKE TO HELP

- + No volunteers can help in an area contaminated with AI

- He is not a volunteer, he is the son of someone known...
- Volunteers know the dangers and will react accordingly

WHICH DISINFECTANT ?

- + F10 (for hands) and Virkon (for shoes) are very potent and harmless to birds
- + Bleach only if above are not available
- + Ensure correct solution strength by proper dilution of the product

- There was none of the above available so a simple clean up was done with dishwashing liquid



QUARANTINE

ONE OF THE COLONY BIRDS IS SICK

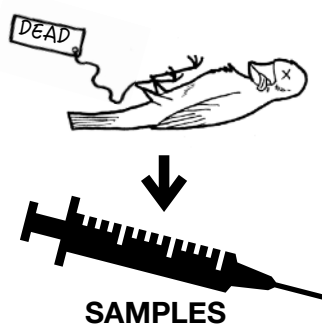
- + It needs to be sent to a center that has separate Avian Influenza facilities
- + Call the state vet to know where the nearest adequate rehabilitation center is and send the bird there

- The wild bird doesn't look too bad, it is surely not AI, therefore it is sent to another rehab center without quarantine facilities

SAMPLES NEED TO BE COLLECTED FOR AI

- + It must be done ASAP and sent on the day for the samples to be fresh enough for analysis
- + If no indication on which laboratory was chosen, contact the state vet for information

- The samples can wait in the fridge for a few days, the colony manager is away
- The person doing the sampling has not cleaned his/her hands before !
- **Any container** can be used for the samples !



SAMPLES



A FILM CREW IS COMING

- + They can't access the infected areas but they are allowed to film other localities
- + The crew and their equipment need to go through the whole disinfection process before entry or exit from a colony

- They are free to come and go as they please : the world must know !

PATHWAYS, WALKWAYS AND DECKING

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