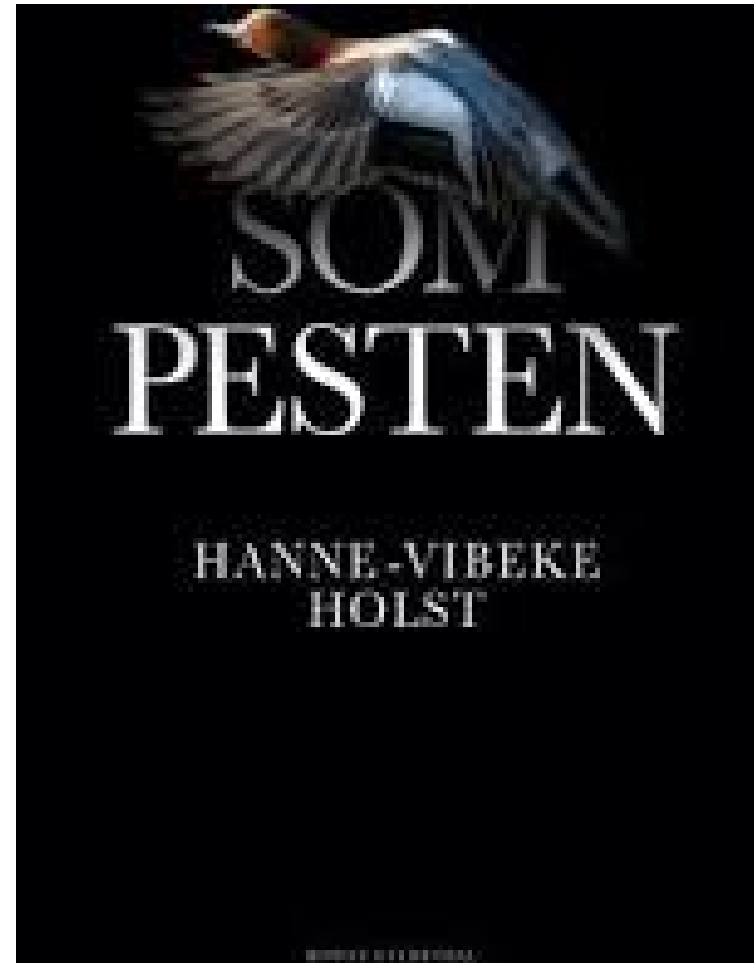


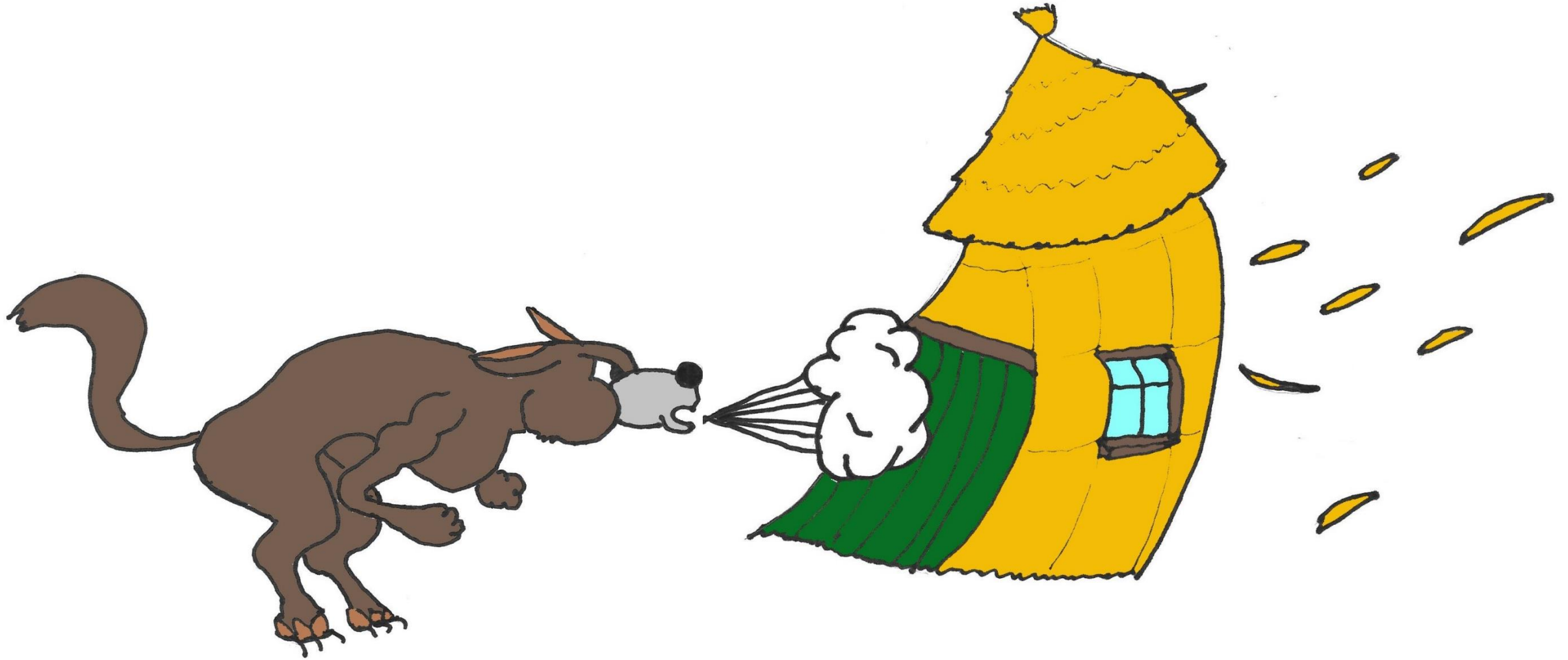
Virus lever stadig

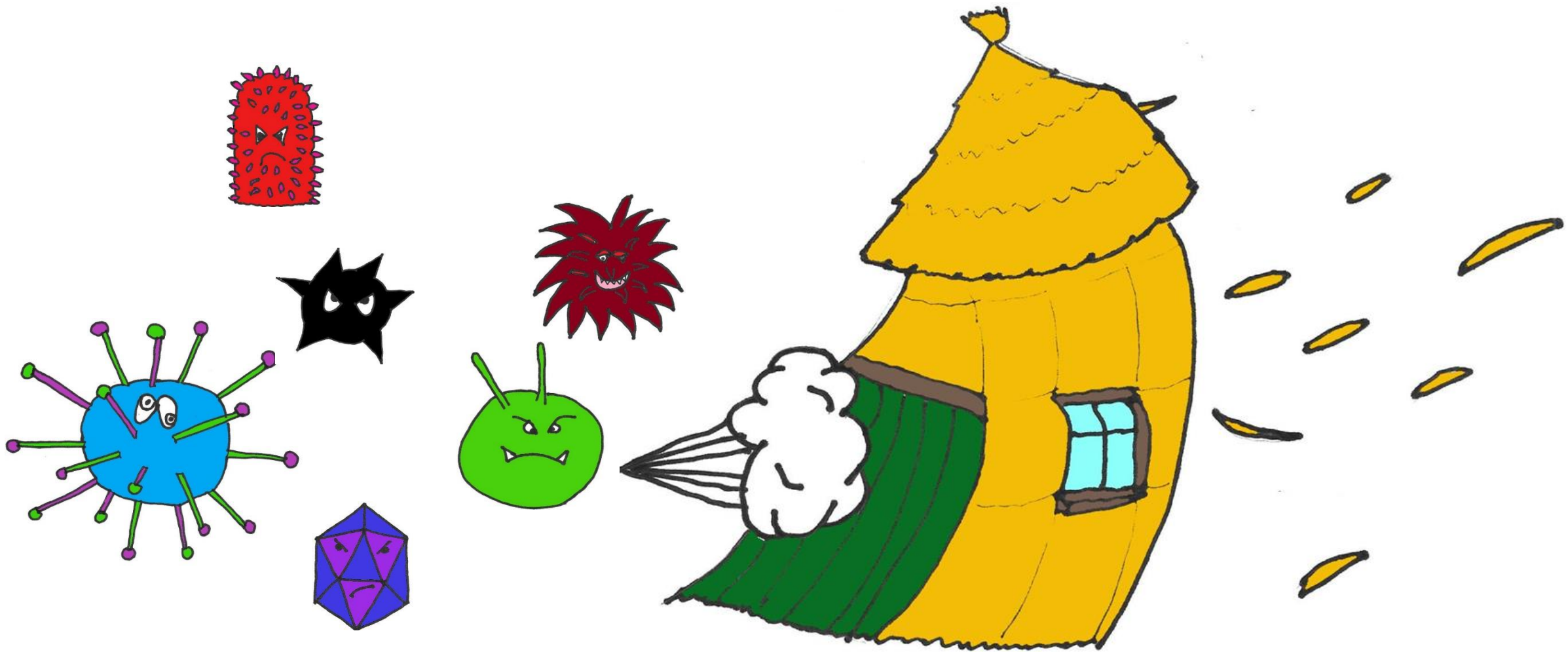
Charlotte Sonne Kristensen
Afdelingsleder

Simpelthen så spændende....



Kender I denne historie?





Grisene er konstant under pres fra nye OG GAMLE virus

Formål

- Hvilke virus er hotte, hvad gør vi og hvordan hjælper du?

De hotte

- PRRSV
- Influenza
- PCV2
- Cytomegalovirus
- Pestivirus



- AFS
- PEDV
- Rabies



PRRSV



- Massive brug af levende vacciner
- Nye typer

Svineinfluenza

FØR

- 2-3 dage
- H3N2
- Sør



NU

- Hele tiden
- H1N1, H1N2, H1N1pdm09
- Alle aldersgrupper
- Vi finder meget



- Betydning
- Effekt vacciner

Porcint circovirus

FØR

- PCV2

NU

- PCV2a
- PCV2b
- PCV2c
- PCV2d
- PCV2e

- PCV3

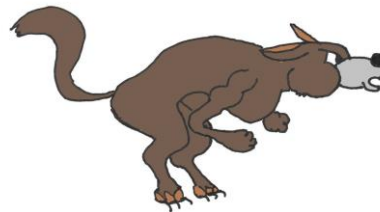
- Betydning
reproduktion
- Effekt vacciner



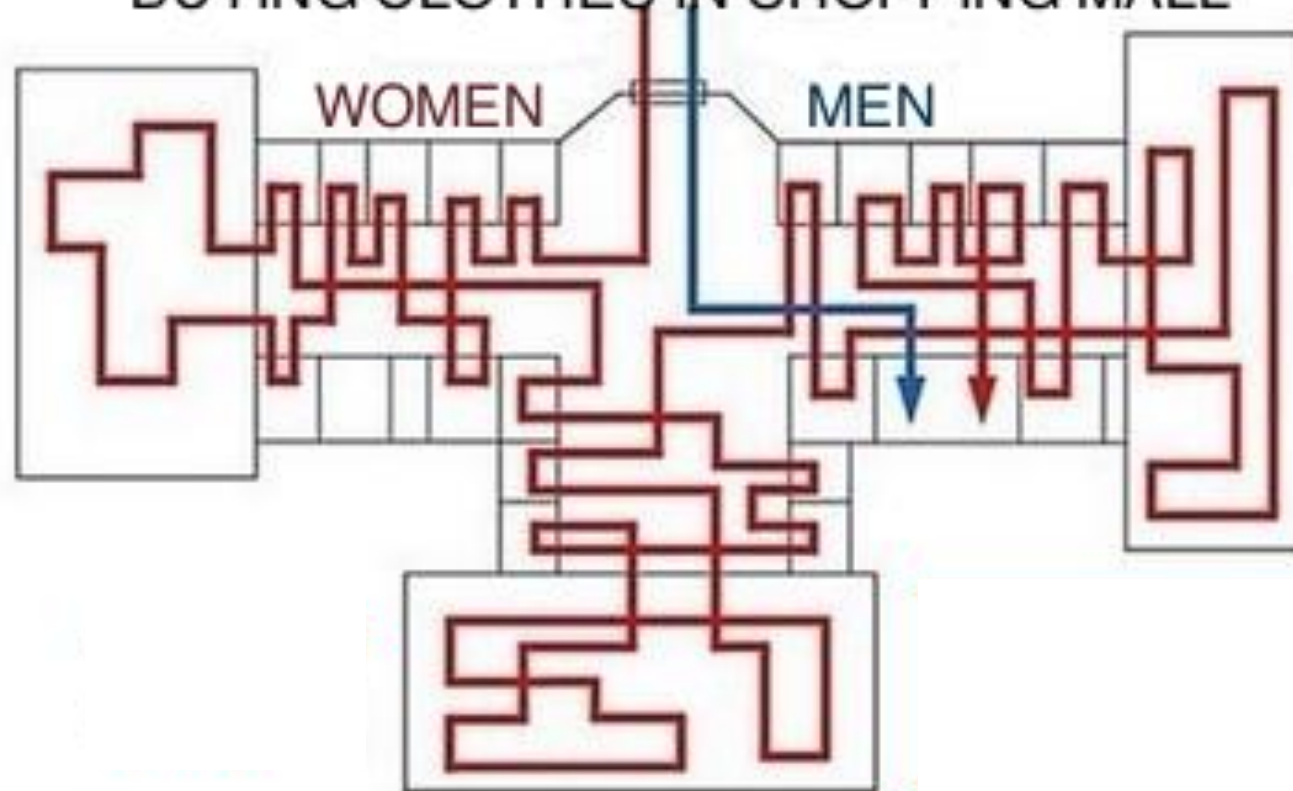
HVAD GØR DU?



Ekstern smittebeskyttelse

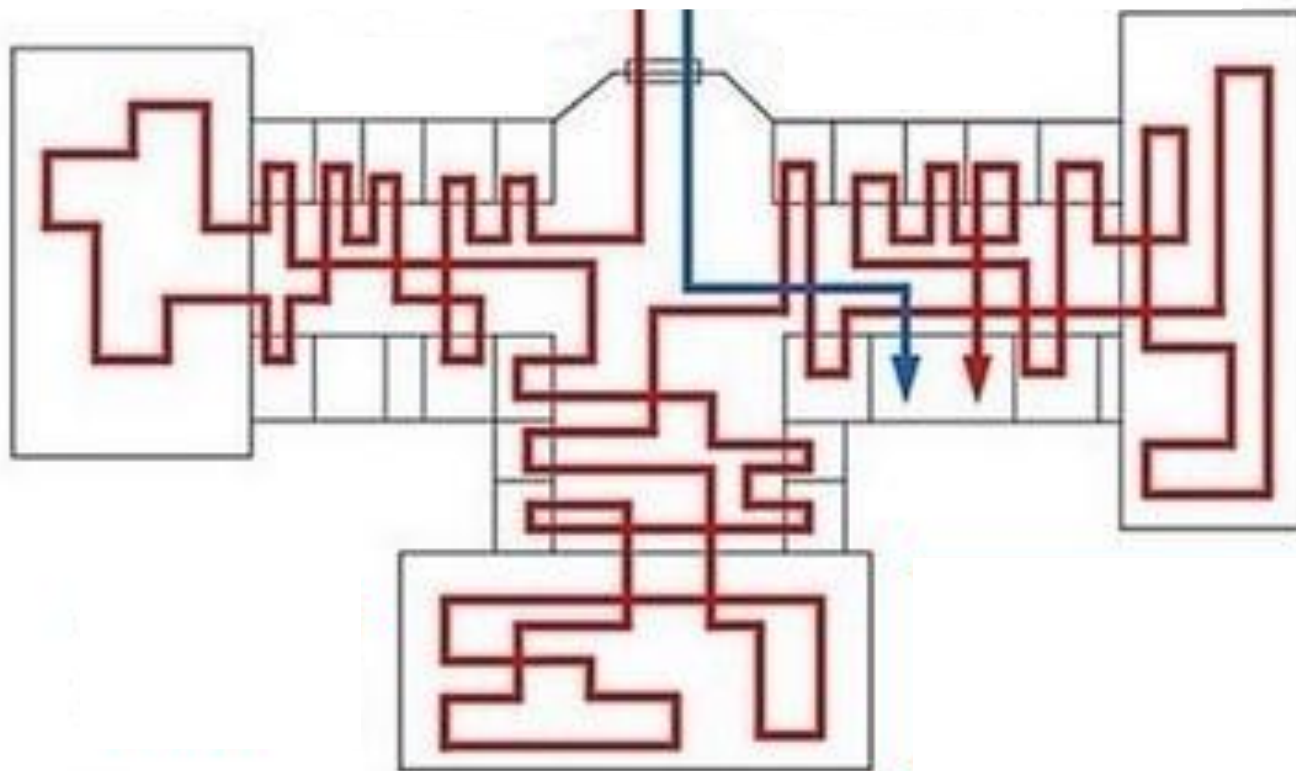


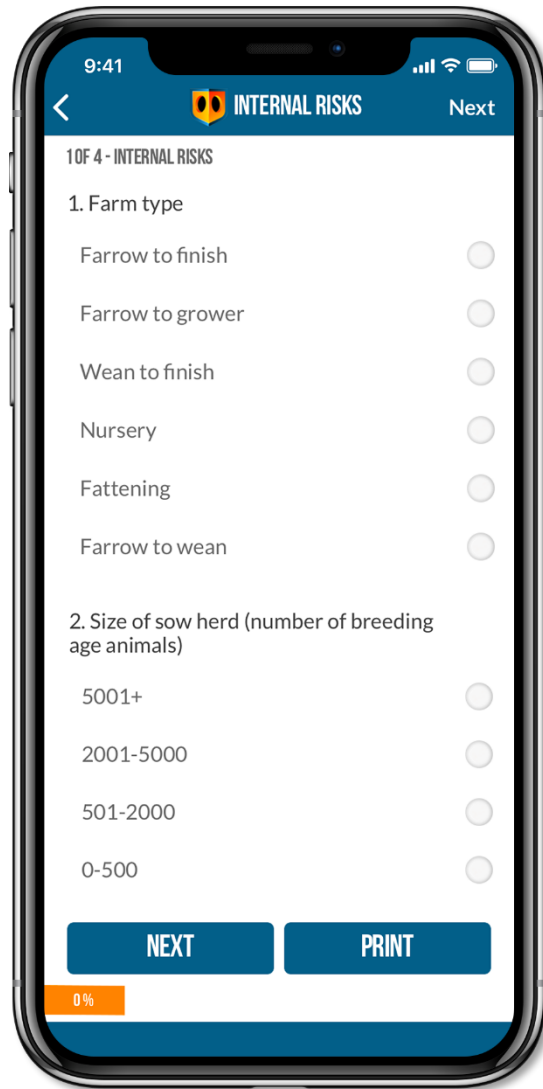
BUYING CLOTHES IN SHOPPING MALL



Intern smittebeskyttelse

Grisepasser 1 Grisepasser 2



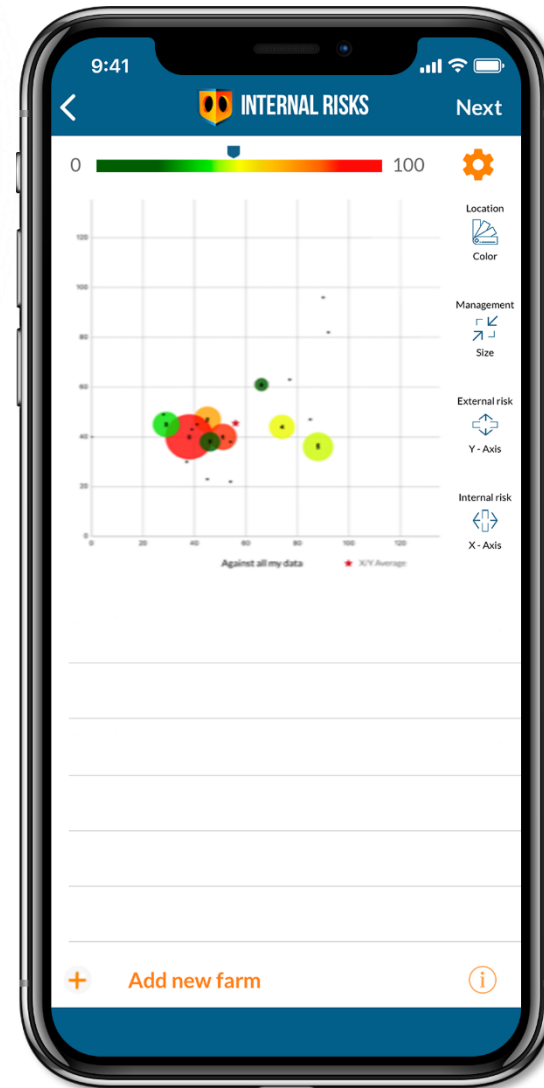


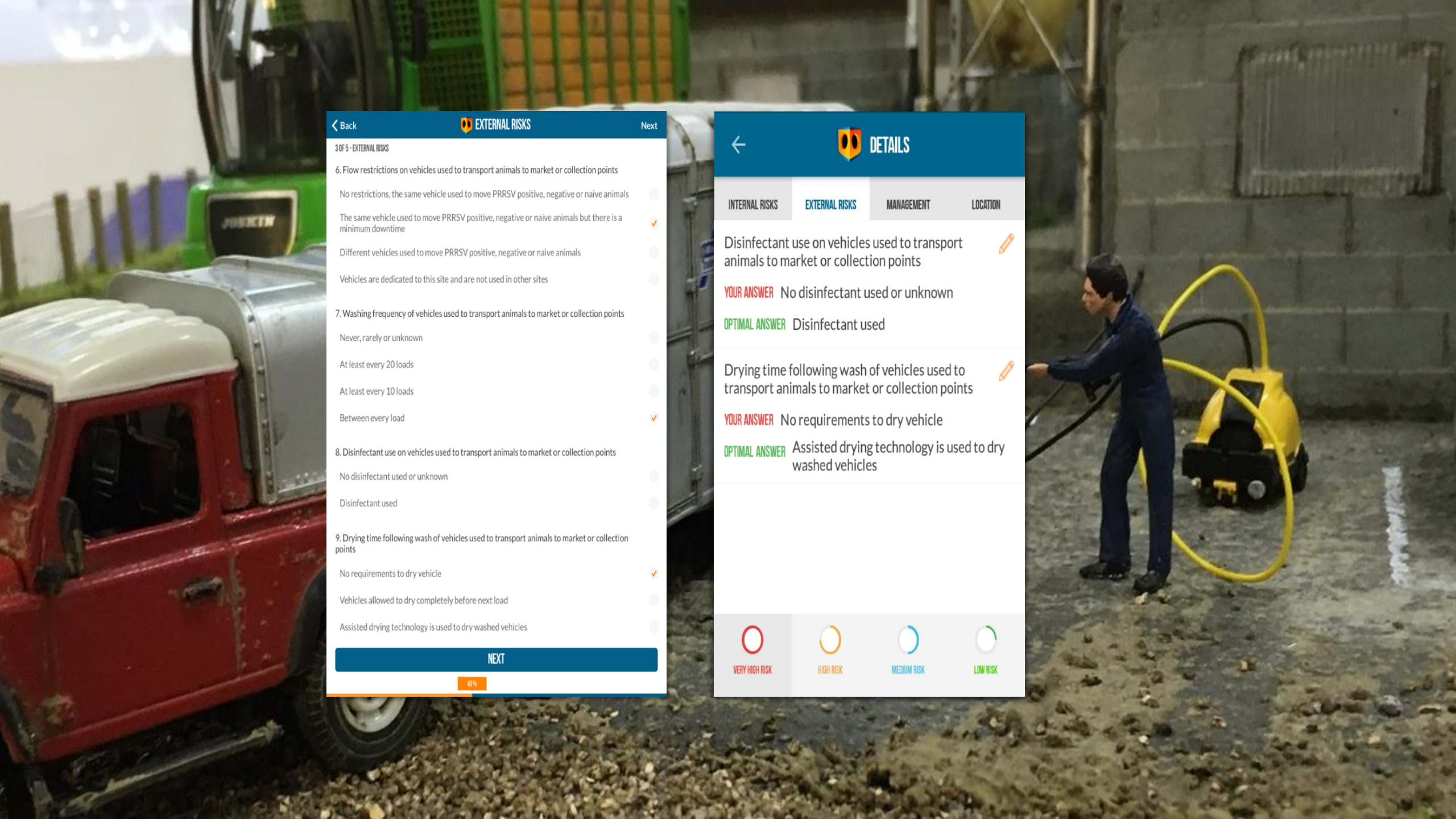
COMBAT

- 55 detailed questions, to be answered directly in the application (COMBAT App) or online
- The relative risk of not being able to prevent, control or manage a PRRSV infection is calculated in 4 different categories:
 - Internal risks (15)
 - External risks (20)
 - Location risk (7)
 - Management and pig flow risk (all related to 10 Golden Rules for PRRS control) (13)
- The weighted risk is calculated based on published literature and previous risk assessments carried out by BI Veterinarians



Visualisation and Benchmark





EXTERNAL RISKS

3 OF 5 - EXTERNAL RISKS

6. Flow restrictions on vehicles used to transport animals to market or collection points

- No restrictions, the same vehicle used to move PRRSV positive, negative or naive animals
- The same vehicle used to move PRRSV positive, negative or naive animals but there is a minimum downtime
- Different vehicles used to move PRRSV positive, negative or naive animals
- Vehicles are dedicated to this site and are not used in other sites

7. Washing frequency of vehicles used to transport animals to market or collection points

- Never, rarely or unknown
- At least every 20 loads
- At least every 10 loads
- Between every load

8. Disinfectant use on vehicles used to transport animals to market or collection points

- No disinfectant used or unknown
- Disinfectant used

9. Drying time following wash of vehicles used to transport animals to market or collection points

- No requirements to dry vehicle
- Vehicles allowed to dry completely before next load
- Assisted drying technology is used to dry washed vehicles

NEXT

4%

DETAILS

INTERNAL RISKS EXTERNAL RISKS MANAGEMENT LOCATION

Disinfectant use on vehicles used to transport animals to market or collection points

YOUR ANSWER No disinfectant used or unknown

OPTIMAL ANSWER Disinfectant used

Drying time following wash of vehicles used to transport animals to market or collection points

YOUR ANSWER No requirements to dry vehicle

OPTIMAL ANSWER Assisted drying technology is used to dry washed vehicles

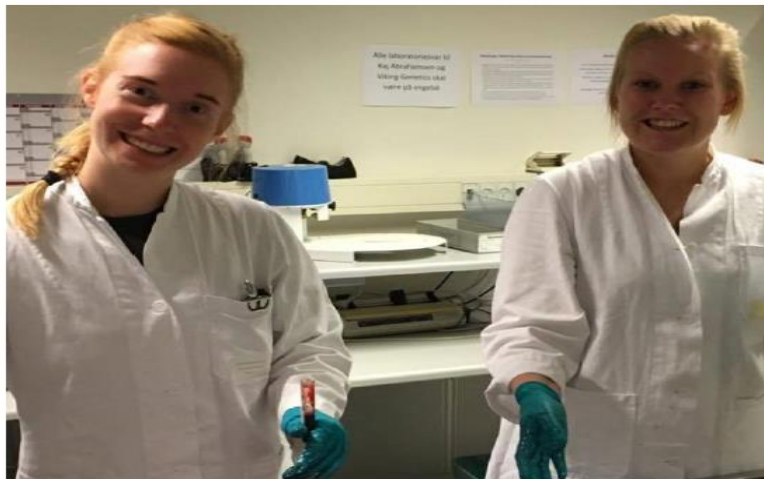
VERY HIGH RISK HIGH RISK MEDIUM RISK LOW RISK

Gør de, hvad de siger?

MASTER'S THESIS

**Porcine reproductive and respiratory syndrome virus –
dynamics, persistence and genetic characterization
in three Danish swine herds following blitz vaccination**

*Porcint reproduktions- og respirations syndrom virus –
dynamik, persistens og genetisk karakterisering
i tre danske svinebesætninger efter massevaccination*



Written by:

Josefine Meyer Jørgensen (dmb147, s163401) and Sarah Nielsen (cmf572, s163400)

Gør de, hvad de siger?

- Tre besætninger forsøgte at sanere for PRRSV ved at bruge vacciner og optimal smittebeskyttelse
- Alle påstod:
 - AI/AO
 - Begrænset kuldudjævning
 - Rengøring, desinfektion og udtørring mellem hold
 - Ingen fravænning i farestalden
 - Ingen tilbageflytning af grise
 - Håndvask/støvlevask mellem sektioner
 - Passede yngste grise først

Det gjorde de ikke

- **Besætning 1**
 - Ingen udtørring (lufttørring 24 timer)
 - Ingen hånd- eller støvlevask
 - Gik fra ældre til yngre grise
- **Besætning 2**
 - De fulgte ikke AI/AO
- **Besætning 3**
 - Ingen hånd- eller støvlevask
 - De fulgte ikke AI/AO

Det gjorde de ikke

- **Besætning 1**
 - Ingen udtørring (lufttørring 24 timer)
 - Ingen hand- eller støvlevask
 - Gik fra ældre til yngre grise

OBSERVATION ER VIGTIG

- De fulgte ikke AI/AO
- **Besætning 3**
 - Ingen hand- eller støvlevask
 - De fulgte ikke AI/AO

Kommer polte i karantæne?

Introduction of replacement gilts to PRRS-positive sow herds

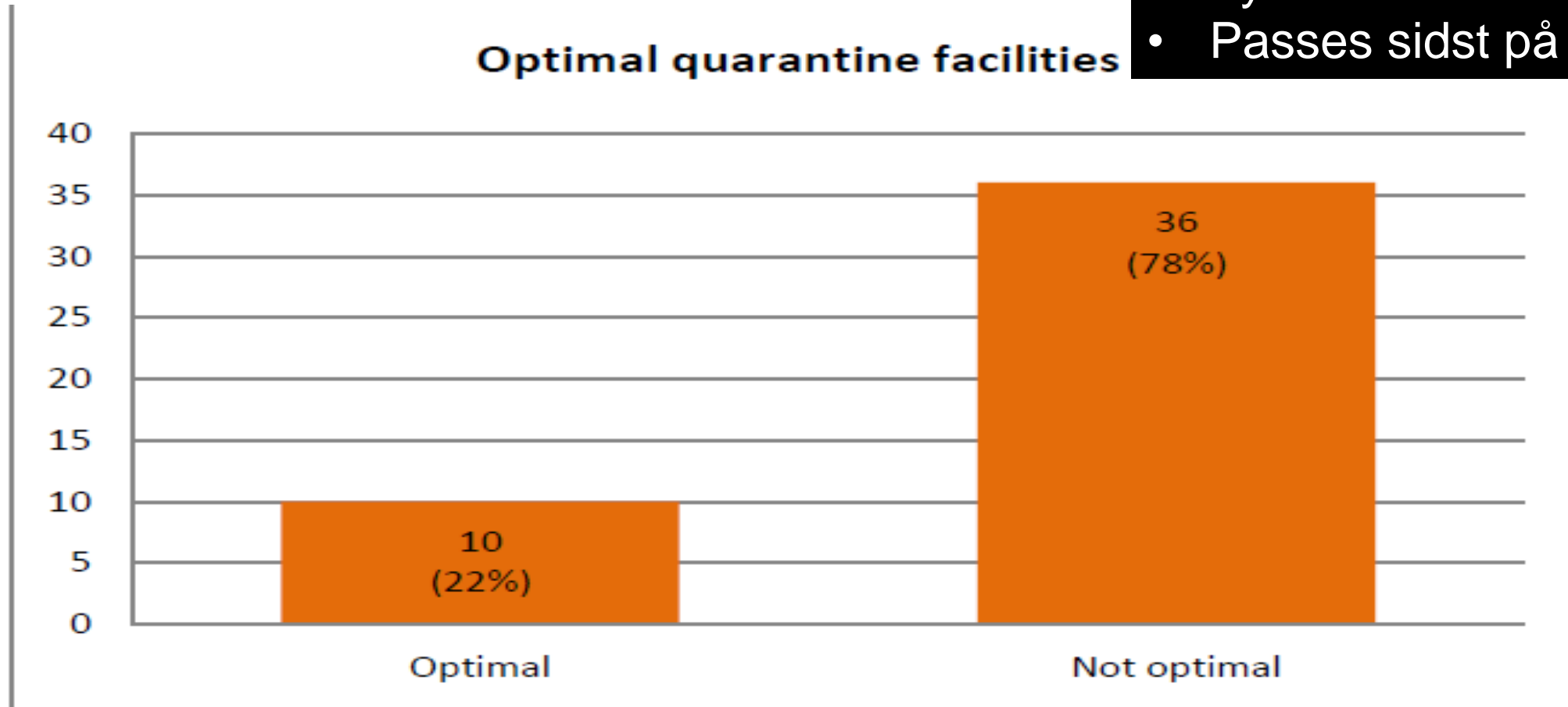
BSc.med.vet
Bonnie Edahl Hoelstad
sjm316 / s150244

Veterinary Master's thesis
30 ECTS

- AI/AU
- Separat luftrum
- Fysisk adskilt
- Passes sidst på dagen

Polte i karantæne?

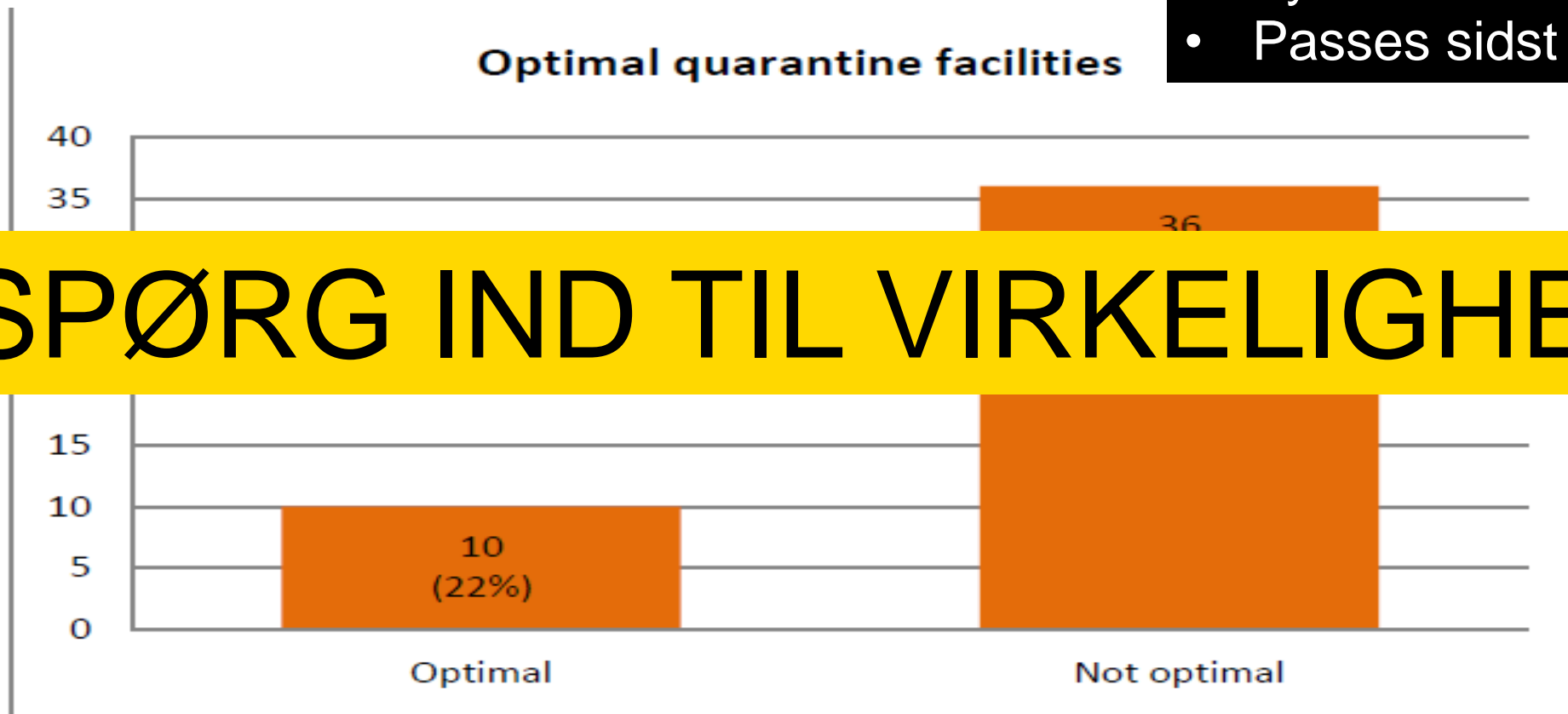
- AI/AU
- Separat luftrum
- Fysisk adskilt
- Passes sidst på dagen



Polte i karantæne?

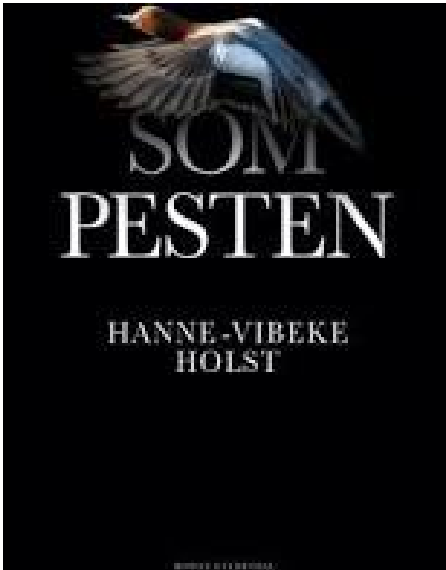
- AI/AU
- Separat luftrum
- Fysisk adskilt
- Passes sidst på dagen

Optimal quarantine facilities



SPØRG IND TIL VIRKELIGHEDEN

Influenza VACCINATION human



Human seasonal influenza: **N2hu95**, **H3hu05**

BLIV VACCINERET

H1N1pdm09

H1N12sw

H1pdm09N2sw

H1pdm09N2hu95



Hvad kan du gøre?

- Fokus på smittebeskyttelse
- Gør de, som de siger?
- Spørg ind
- Bliv vaccineret
- Vær altid fagligt opdateret via
 - www.svineproduktion.dk
 - Nyhedsmail fra SEGES Svineproduktion
 - Facebook.com/SegesSvineproduktion

EVALUATION

Excellent

Good

Average

Poor

TAK og husk!

Vær altid opdateret på den seneste faglige viden

Tilmeld dig **Nyhedsmail** fra
SEGES Svineproduktion på
www.svineproduktion.dk



 facebook.com/SegesSvineproduktion