

Local anaesthesia

How to use it before castration

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**Why must we
apply a local
anaesthetic?**

Castration

Local anaesthesia

General anaesthesia

Entire male production

Immunocastration

Gender sorted semen

What and when?

UN – no castration at 1
January 2018

Licence to produce

DK – castration with
anaesthesia 1 January 2019

Vi er blandt de bedste i verden til grisevelfærd, og i år bliver vi endnu bedre.

Massiv forskning og viljen til at udvikle sig. Det er baggrunden for danske griseproducenters ledende position på verdensplan, når det gælder kvalitet og dyrevelfærd. Vi vil hvert år gøre det bedre end året før, og 2018 bliver ingen undtagelse.

Kun kastration med bedøvelse

Når hangrise ikke kastreres, øges risikoen for såkaldt "omelugt" i kødet. Flere markeder i verden stiller derfor krav om, at grisene kastreres. I 2018 indfører danske landmænd på eget initiativ – som nogle af de første i verden – lokalbedøvelse før kastration.

Flere læsgående søer

Alle søer går i løse i drægtighedsstalden, og alle nye løbestalde

indrettes i dag med løse drift. Danske griseproducenter er verdensførende med at bygge farestalde til løse søer på eget initiativ. Når søerne går frit i farestalden, stiger dødeligheden blandt pattgrisene – blandt andet fordi søerne lægger sig på dem.

Vi intensiverer derfor forskningen og forsøg med farestalde til løse søer, der tager hensyn til både søernes velfærd og pattgrisenes overlevelse.

Massiv investering i forskning

Vi ønsker hele tiden at blive endnu bedre. I 2018 investerer de danske griseproducenter over 230 millioner kroner i forskning i kvalitet, dyrevelfærd og bæredygtighed. Forskningen udføres af landbrugets videnscenter, SEGES, i tæt samarbejde med Aarhus Universitet, Københavns Universitet og en række internationale universiteter og organisationer.

Disse tiltag er få eksempler blandt mange.

Læs mere om det, vi gør for grisenes velfærd, på lf.dk/grisevelfaerd

Noget at leve af. Noget at leve for.



The business's initiative

The legislations say:

From 1 January 2018, farmers are allowed to give a local anaesthesia to piglets prior to castration, if they have completed a seminar

(Bekendtgørelse 1324 af 29. november 2017 §7, stk 2)

The business says:

From 1 January 2019, all piglets must receive local anaesthesia prior to castration



Castration

Local anaesthesia

General
anaesthesia



2002
Norway

2010
Switzerland



2016
Sweden

2014
Netherland



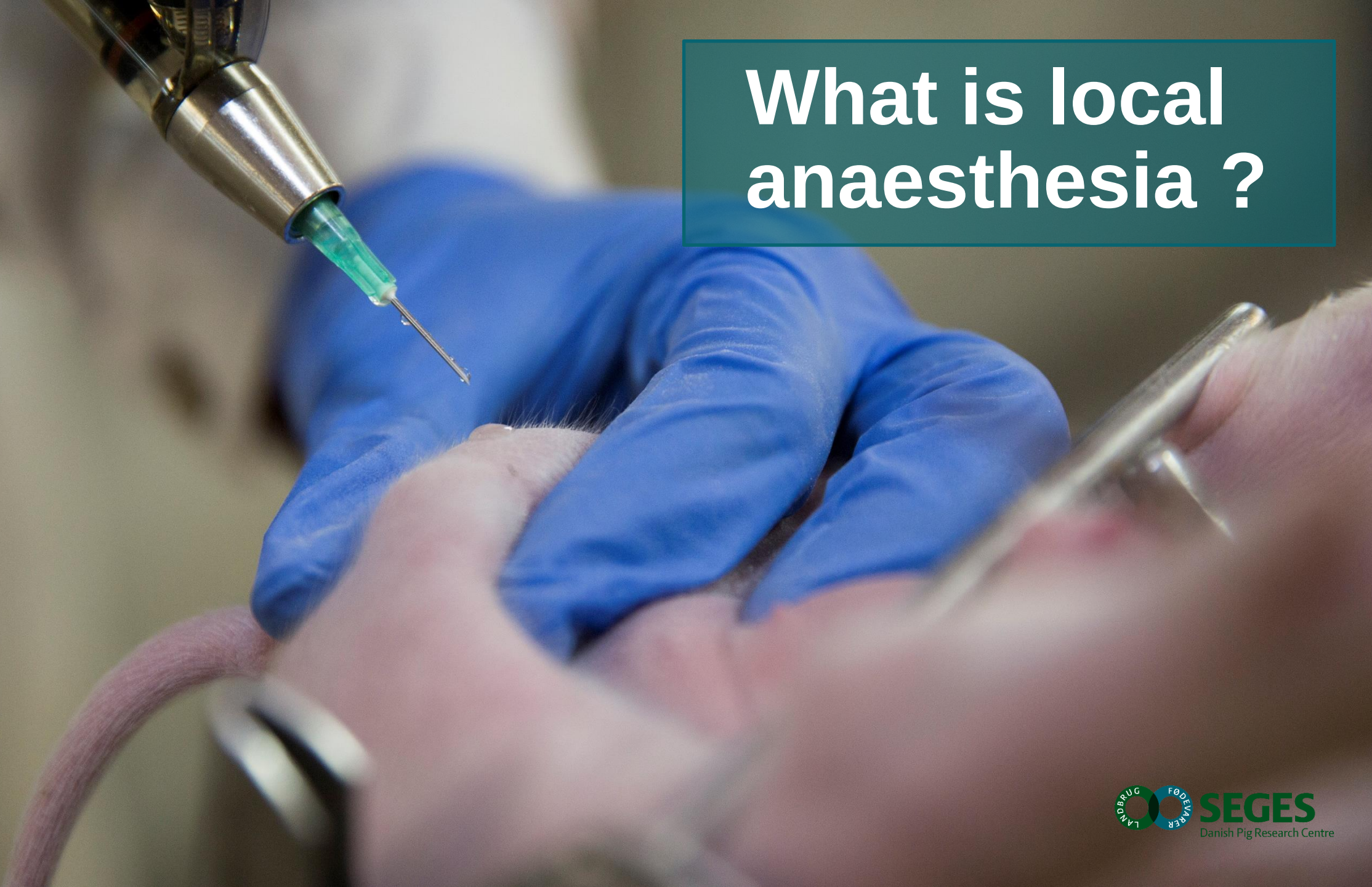
2019
Denmark

?

Germany



What is local anaesthesia ?



LOCAL ANAESTHESIA



**ANALGESIA
(PAINKILLER)**

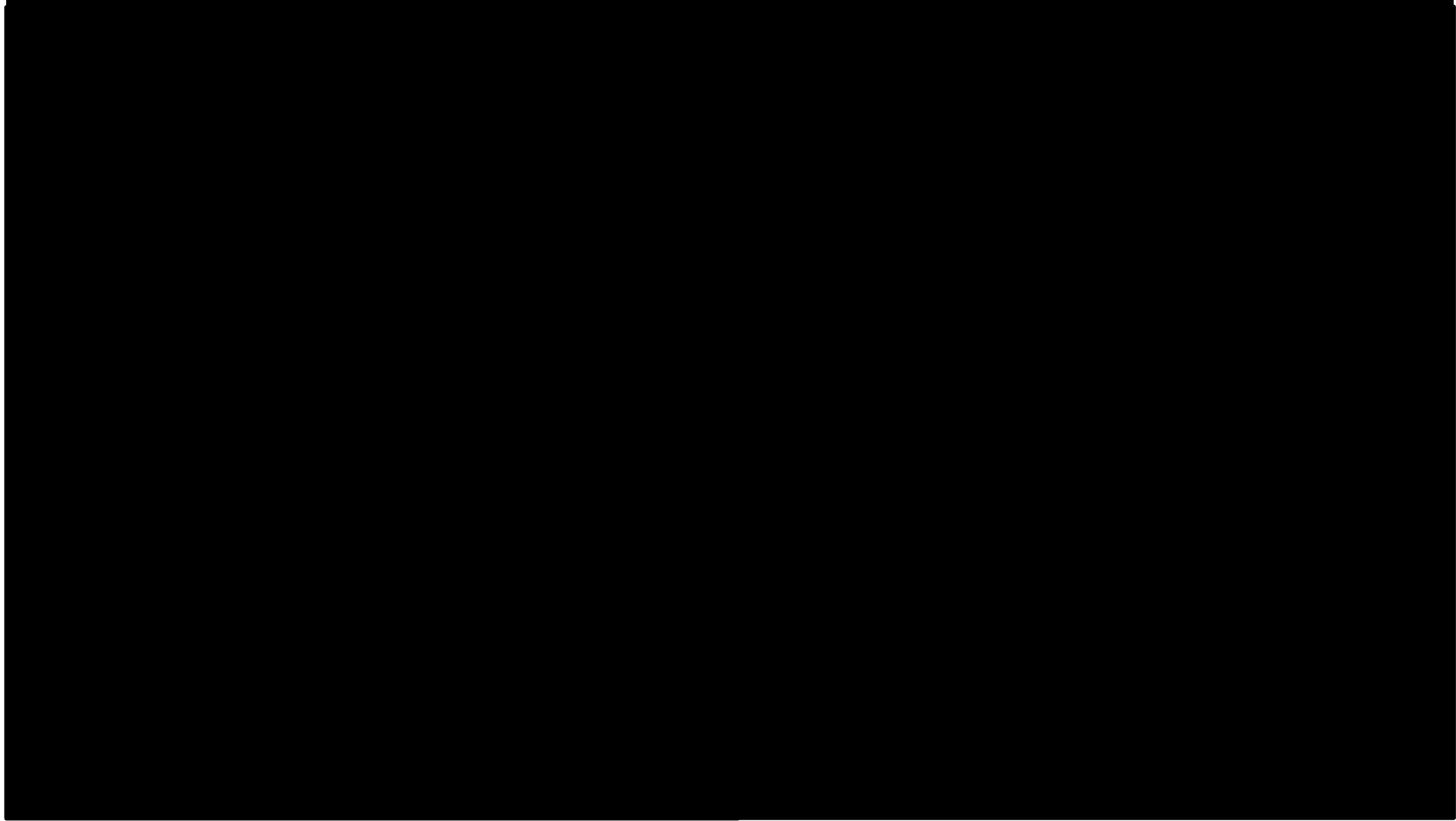
SAFE AND PAIN-FREE CASTRATION IN 6 STEPS

A pig is held in a metal restraint device. A person wearing a white lab coat and blue gloves is visible in the background, attending to the pig. The pig's head is inside the metal cone, and its pink snout is visible.

YES!

**Does the local
anaesthesia work?**

Do you see the effect?





How do we get
started on local
anaesthesia?

Attend a course on local anaesthesia by your vet

KURSUSBEVIS 

Har fuldført kursus i

**LOKALBEDØVELSE I FORBINDELSE
MED KASTRATION**

Kurset indeholde:

- Lovgivning om kastration og lokalbedøvelse
- Anatomi og fysiologi
- Udstyr og præparater i forbindelse med lokalbedøvelse
- Metode og teknik – lokalbedøvelse
- Metode og teknik – kastration
- Sikkerhed og hygiejne

Kursusdato for teori: / 20 Kursusdato for praktisk: / 20

Kursusdyrlæge (Teori): Kursusdyrlæge (Praktisk):

Dyrlæge xx.xxxx.xxxx Dyrlæge xx.xxxx.xxxx
Underskrift og dato Underskrift og dato

- 2 hours of theory (Powerpoint)
 - Mostly pictures/videos
 - No preparation/home work
- Practice with at least 10 piglets
 - Under the supervision of the vet

We do it this way in my herd



We asked 7 frontrunner-herds



7 approaches

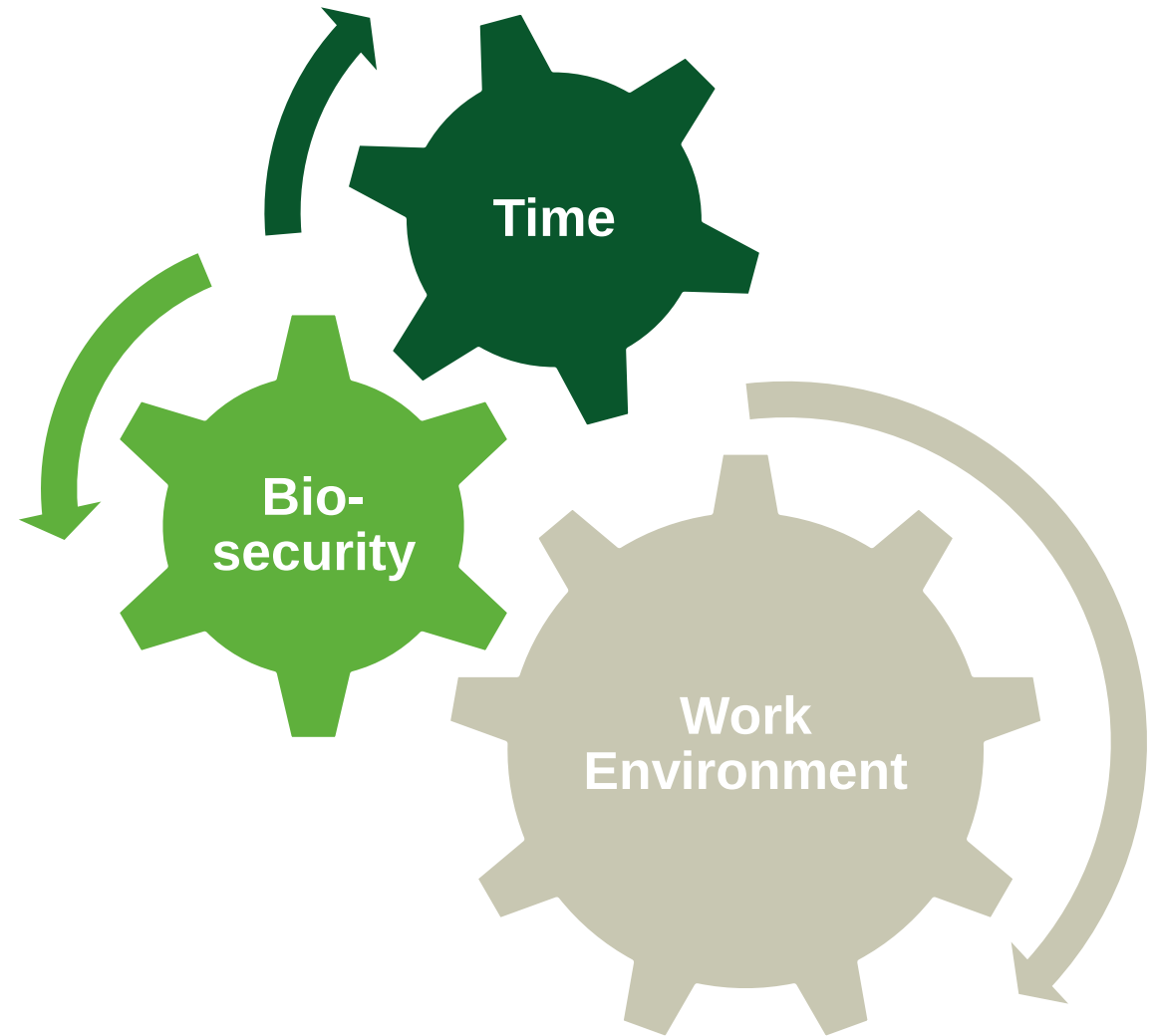
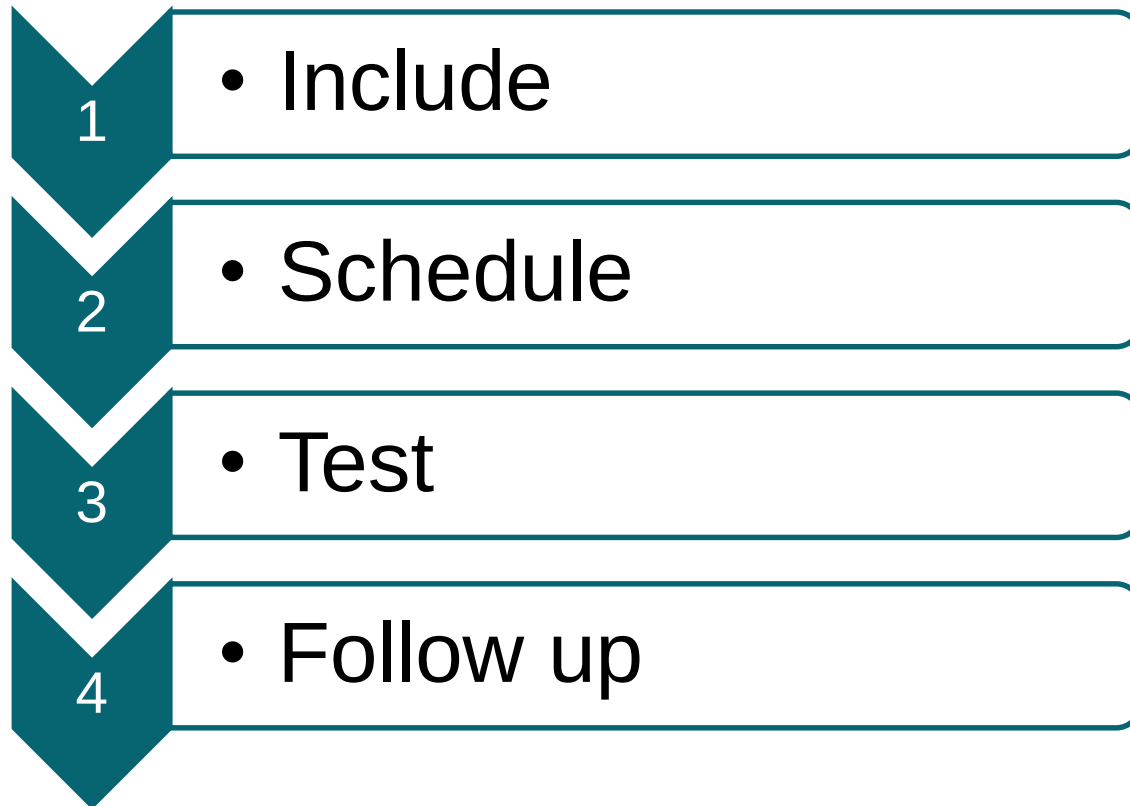
4 routines

3 restraining methods

Every trick in the book

Herds have different routines and priorities!

How do we get started on local anaesthesia in the herd



We asked 7 frontrunner-herds



7 approaches

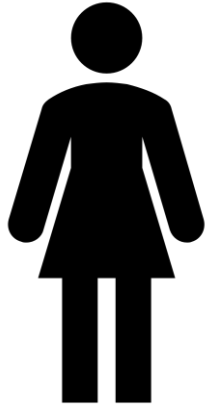
4 routines

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Every trick in the book

Herds have different routines and priorities!

Organising routines



Baycox

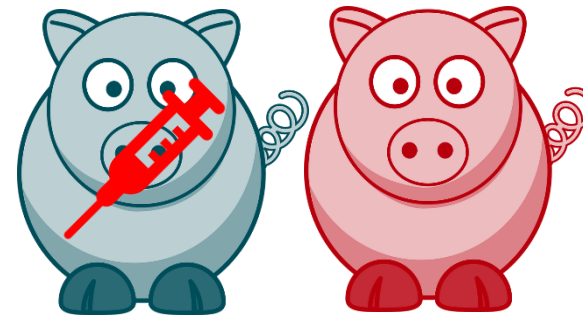
Painkiller

Iron

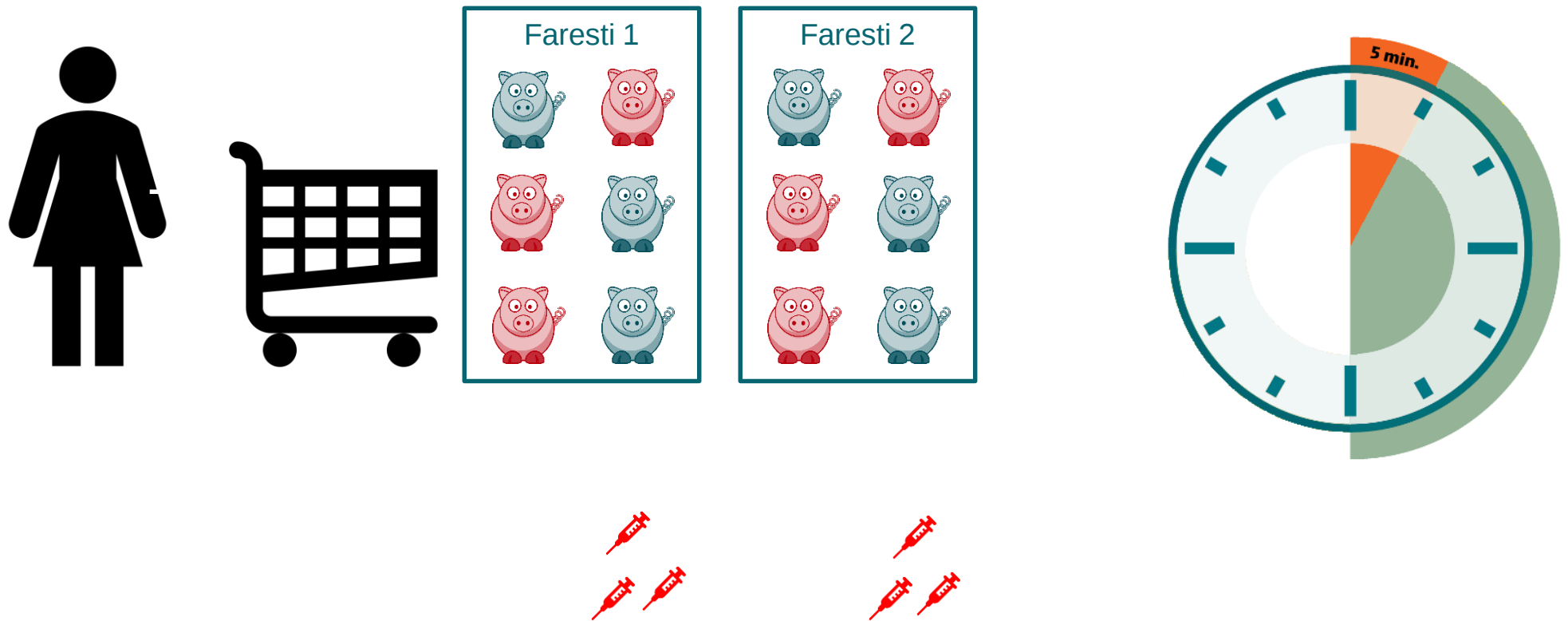
Ear tagging

Vaccination

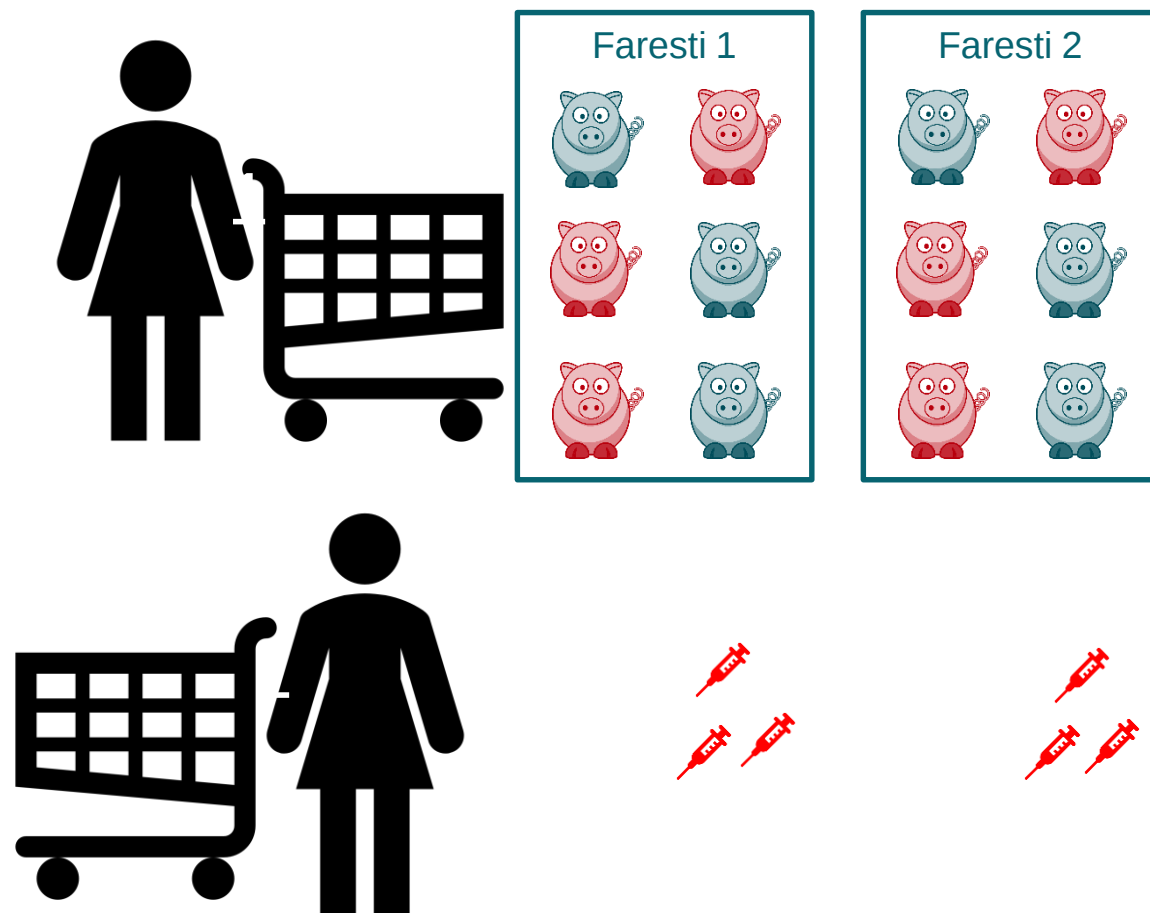
Tails



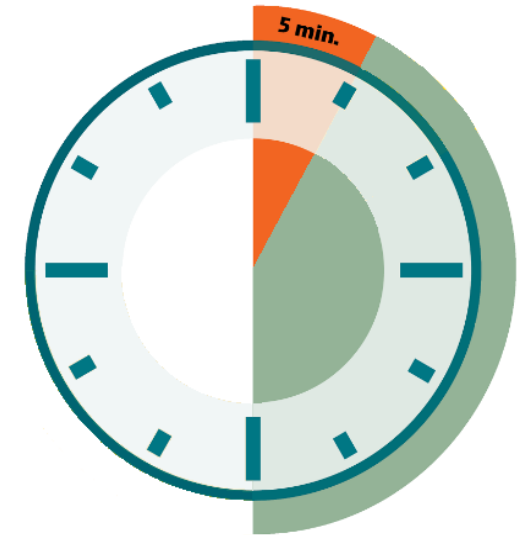
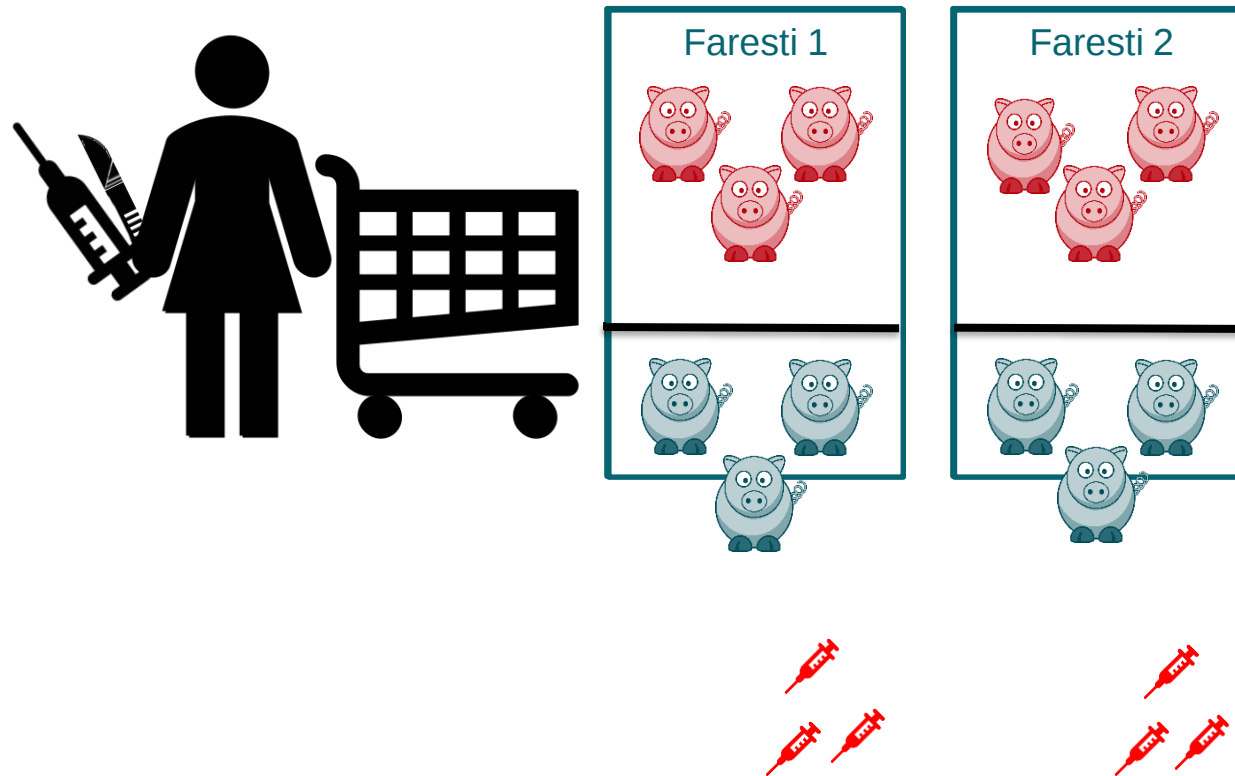
Example 1: 1 litter at a time



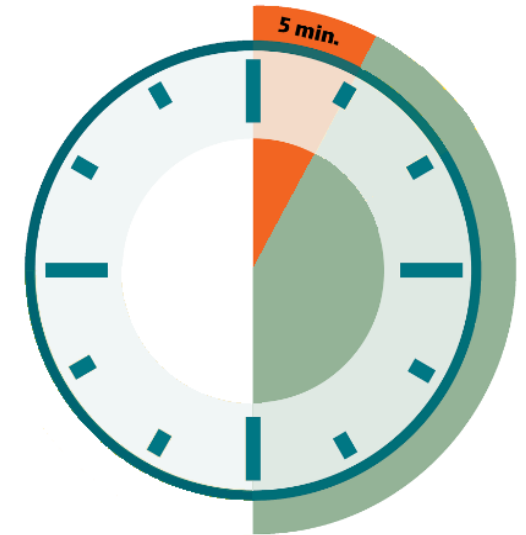
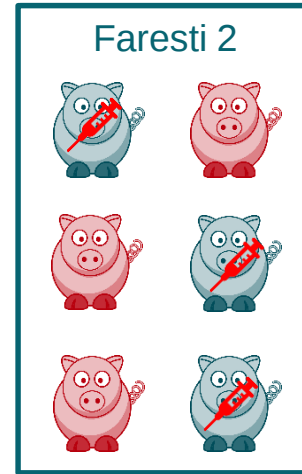
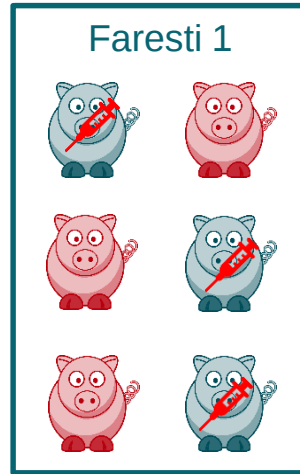
Example 2: 2 or more litters at the same time



Example 3: Routines and local anaesthesia are completed at the same time – followed by castration



Example 4: Pigs receive local anaesthesia without changing other routines



We asked 7 frontrunner-herds



7 approaches

4 routines

3 restraining methods

Every trick in the book

Herds have different routines and priorities!

Restraining methods



Hand-held



Castration bar



Castration bench

Be careful with the angles



Hand-held



Castration bar



Castration bench

We asked 7 frontrunner-herds



7 approaches

4 routines

3 restraining methods

Every trick in the book

Herds have different routines and priorities!

Mærkning



Mark in order



Only 1 room => Mark the males



Note the number of males

Need further information?

www.svineproduktion.dk/aktuelt/temaer/lokalbedoevelse



At The Pig Conference:

Come and find us at our station by the main entrance and participate in the contest in winning a free seminar for your herd staff

How do I subscribe a seminar in local anaesthesia?

Ask your herd veterinarian or -advisor

5 Tips



Hurry up and get started. Practise makes perfect



Use the opportunity to optimise all routines



Use a timer on the phone to optimise



Consider your work position and -height



Help each other with the angle when injecting

TAK og husk!

Vær altid opdateret på den seneste faglige viden

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