

# THE IDAL<sup>®</sup> WAY

Give a plus to your vaccination



**INNOVATING  
WITH YOU**  
**AND FOR YOU**

Upgraded to



**IDAL<sup>3G</sup><sub>+</sub>**

**IDAL<sup>3G</sup><sub>TWIN+</sub>**



**MSD**  
Animal Health

# 20 years: A journey we have taken together



**1999**

Launch of Porcilis Begonia ID

**2001**

Launch of Porcilis PRRSV1 for IM or ID administration

**2001**

IDAL is born

**2003**

IDAL as a key tool for the eradication of Aujeszky's disease in the Netherlands and Germany

**2021**

Launch of Porcilis Lawsonia ID and introduction of the new IDAL Way App

**2021**

Introduction of the IDAL 3G+ line

**2018**

Introduction of IDAL 3G twin

**2018**

Introduction of IDAL 3G

**2018**

Launch of Prime Pac PRRSV2 for IM or ID administration

**2012**

Launch of Porcilis M Hyo ID ONCE

**2016**

Launch of Porcilis PCV ID

**2016**

Introduction of IDAL 2G and IDAL 2G App

# 20 years protecting millions of piglets around the World



More than **8,000 IDAL devices** already offering safe and welfare-friendly vaccination options worldwide



**+8,000 devices**



Hundreds of millions of ID vaccine doses administered



Extensive network of state of the art service centers

# 20 years fulfilling your needs, and the needs of your pigs



## WELFARE

Less pain and stress  
for pigs



## ANIMAL SAFETY

Reduced risk for iatrogenic  
transmission of pathogens  
between pigs



## EFFICACY

Quick, effective immune  
response (at least as good  
as with IM vaccination)



## CONVENIENCE

Porcilis® Lawsonia ID  
mixable with PCV ID.  
Concurrent use with  
Porcilis® M hyo ID ONCE  
or Porcilis® PRRS with  
the IDAL 3G+ Twin<sup>1</sup>



## USER SAFETY

No needle injuries for  
the user. The trigger avoids  
involuntary vaccinations



## QUALITY

Reduced tissue damage  
and no broken needles in  
the carcass



## FOOD SAFETY

The injected volume of an ID  
vaccination is 10% of that of  
an intramuscular injection  
dose and the distribution  
of the vaccine is limited to  
the skin

“Innovation focused on  
**animal welfare**, **user  
comfort** and now, also  
on **user experience**”

# THE IDAL<sup>®</sup> WAY

# 20 years of enhancing piglet welfare

One of the fundamental pillars of animal welfare in production systems is to consider the 3 S's within pain management: **Supress**, **Substitute** and **Soften**. By substituting the needle and placing the vaccine in the dermis we are able to:

Generate less tissue damage

Reduce the dose (from 2 ml to 0.2ml)

The pain perception of the animal is reduced.<sup>2</sup>



Fig. 1. (a) Flight reaction in intramuscular (IM) and intradermal (ID) vaccinated piglets (0 = It remains still, 1 = It moves during vaccination after which it remains still, 2 = It continues to fidget even after handling has ceased).<sup>3</sup>  
Fig. 2. (b) Vocalizations of intramuscular (IM) and intradermal (ID) injected piglets during vaccination (0 = No vocalization or short grunts; 1 = repeated grunts and issues no more than 1 scream; 2 = Issues at least two screams).<sup>3</sup>



Intradermal vaccination **did not affect general activity, social behaviour and exploratory behaviour** of the piglets after the injection.<sup>4</sup>



Piglets vaccinated intradermally with the IDAL injector **lay down fewer times and show more suckling behaviour after vaccination** than intramuscularly vaccinated piglets.<sup>5</sup>

**Increased animal welfare has also been demonstrated on pregnant sows:** IDAL vaccination is a promising strategy to reduce acute fear and pain reaction of gestating sows during vaccination.<sup>6</sup>

IDAL vaccination may also prevent the acute phase response (skin reaction at POI) and long term muscular damage associated with the injection.<sup>5</sup>

POI: Point of injection

# Our customers talk about their experience with IDAL

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Marcio (Brazil) 



*"IDAL gives us a better result, less stressful to the animal, and obviously, therefore, a better performance will result in lower production costs."*

Frans (the Netherlands) 



*"In the sows, you see a lot less stress and they are more relaxed. You aren't running after the sows with your needle. With the piglets, the main advantage is that you work in a hygienic way, without having to change needles all the time."*

Mirco (Italy) 



*"I began using the New IDAL Technology to improve our pig-farming routine. Thanks to the new IDAL technology, we have also changed the vaccination process and, as a result, we have increased the internal biosecurity level. I recommend using IDAL for those who want to reduce the use of antibiotics and to increase biosecurity."*

Jane (Germany) 




*"The new 3G devices are more comfortable and ergonomic to use and the duration of the battery is extremely high compared to the 2G."*

Chris (the Netherlands) 



*"The service is super and the devices are good. These advantages encourage us to use IDAL. We can be confident that the vaccinations are successful when the devices are working fine."*

 [See more in our YouTube channel](#)  
(MSD Animal Health – Swine Team)

# 20 years and the broadest range of intradermal vaccines



### Porcilis® Lawsonia ID

EU
 Piglets
 1 Dose/0.2mL
 ID

Mixable with Porcilis PCV ID. Concurrent use with Porcilis PCV ID mixed with Porcilis Lawsonia ID or alone in a device such as IDAL 3G+ Twin.

**Onset of immunity:** 4 weeks after vaccination.  
**Duration of immunity:** 21 weeks after vaccination.

### Porcilis® PCV ID

APSA, LATAM, EU
 Piglets
 1 Dose/0.2mL
 ID

Mixable with Porcilis Lawsonia ID. Concurrent use with Porcilis M Hyo ID Once in a device such as IDAL 3G Twin.

**Onset of immunity:** 2 weeks after vaccination.  
**Duration of immunity:** 23 weeks after vaccination.

### Porcilis® M Hyo ID Once

APSA, LATAM, EU
 Piglets
 1 Dose/0.2mL
 ID

Concurrent use with Porcilis PCV ID mixed with Porcilis Lawsonia ID or alone in a device such as IDAL 3G+ Twin.

**Onset of immunity:** 3 weeks after vaccination.  
**Duration of immunity:** 22 weeks after vaccination.

### Porcilis® PRRS

EU, APSA
 Piglets
 1 Dose/2mL  
1 Dose/0.2mL
 IM
 ID

Concurrent use with Porcilis PCV ID mixed with Porcilis Lawsonia ID or alone in a device such as IDAL 3G+ Twin.

**Onset of immunity:** 4 weeks after vaccination.  
**Duration of immunity:** 24 weeks after vaccination.

### Prime Pac® PRRS

APSA, LATAM
 Piglets
 1 Dose/1mL  
1 Dose/0.2mL
 IM
 ID

**Onset of immunity:** 4 weeks after vaccination.  
**Duration of immunity:** 23 weeks after vaccination.

\* In NA the PRRS vaccine is Prime Pac PRRS RR (IM 1 dose 1 mL)

### Porcilis® Begonia IDAL

APSA, EU
 Piglets
 1 Dose/0.2mL
 ID

**Onset of immunity:** 3 weeks after vaccination.  
**Duration of immunity:** 4 months after vaccination.

# 20 years of innovation: IDAL 3G+ Added Features



## Helps You & Your Pigs



ANIMAL WELFARE



FARMER PROTECTION



SAFETY



EFFICACY



## Upgraded features



### Haptic Feedback

IDAL vibrates when it needs attention, so you don't need to proactively look for visual signals



### Low vaccine Warning

When vaccine levels are low, the device will warn you to replace vial



### Multiple sessions

it allows to capture the data of more than one session per day



### User-friendly

An improved IDAL menu. It gives you more feedback than before. Using IDAL is easier than ever



### Language Choice Option

English, Spanish, German, Vietnamese, Portuguese







The IDAL Way is safer for users, less stressful for animals, and offers a complete unique portfolio of efficacious vaccines specifically designed to be used intradermally.

**The real breakthrough in intradermal vaccination.  
The future is needle-free and the future is now.**



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4. Temple D. et al. Welfare benefits of intradermal vaccination of piglets. MDPI. 2020.
5. Goller M. et al. Evaluation of welfare aspects in suckling piglets after intradermal vaccine application with the IDAL injector. *ESPHM*. 2015.
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