

uniferon[®]



A Quality Product By
PHARMACOSMOS



Uniferon[®] Injector user guide



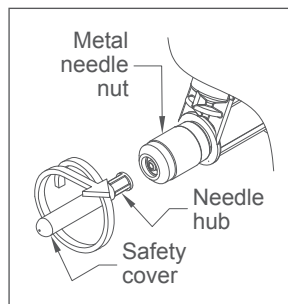
Quality iron for your piglets

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1. First things first: **Assembling the Uniferon® Injector**

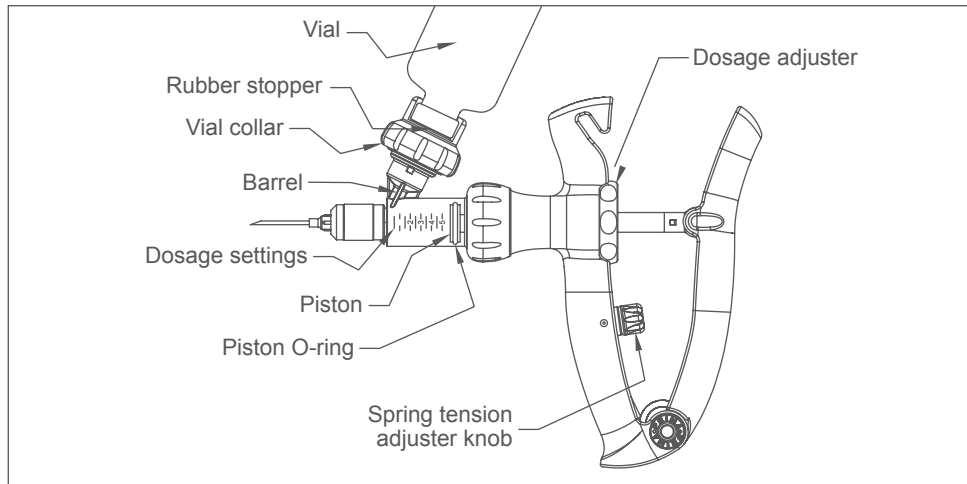
A. TO FIT NEEDLE WITH METAL LEUR NEEDLE NUT

1. For safety, leave protective cover on needle until ready to prime injector.
2. Make sure metal needle nut is finger tight.
3. Push needle hub into needle nut and twist clockwise until needle locks in place.
4. Remove safety cover when ready to prime injector by continuing to twist clockwise – the safety cover will twist off, exposing the needle.
5. To remove needle, replace safety cover onto needle and twist counter-clockwise – the needle will twist off.



B. TO ATTACH UNIFERON® VIAL

1. Prior to attaching a new vial, pierce rubber stopper on vial with a sterile needle.
2. Completely unscrew the spike collar from the barrel and remove spike cover.
3. Insert the vial neck into the “T”-slut cut-out area of the spike collar.
4. Hold the vial with assembled spike collar in one hand. Carefully push the draw spike through the hole already pierced in the rubber stopper.
5. Hold injector firmly and screw-on the spike collar.



C. TO PRIME INJECTOR

1. Remove protective cover from needle.
2. To prevent air from being drawn into the barrel, hold injector at a slight incline, ensuring that the draw spike is below the fluid level inside the vial.
3. Squeeze injector handle and then release quickly to draw fluid into barrel.
4. To remove any air bubbles from the barrel, repeat step 3, taking care not to waste fluid.

2. Safe and easy: Injecting piglets with Uniferon®

1. Choose injection site.

There are a number of possible injection sites on a piglet, and the recommended site can vary by country (consult your veterinarian for advice):

- Behind the ear:
Hold the piglet's body towards you. Inject it in the neck, two or three inches behind the ear.
 - In the inguinal fold:
Hold the piglet in its hind legs, so it hangs head down with its abdomen facing you. Inject it in the triangular skin fold where the thigh meets the abdomen.
2. Check that the injection site is clean and dry. If the piglet's skin is dirty or wet, wipe it clean with cotton wool soaked in surgical spirit. Allow the skin to dry before injection.
 3. Pull skin slightly forward before inserting the needle.
 4. Quickly and firmly insert the needle.
 5. Release the skin, give the injection, and remove the needle. The skin then springs back in place, covers the hole in the muscle and seals the injected material in place, minimizing the risk of leakage.
 6. Change needles after every ten piglets or after each litter.

3. Take good care: Maintaining the Uniferon® Injector

When properly cared for, the injector is built to last. Make sure to clean the injector after use every time, and it will last for thousands of injections.

A. TO CLEAN INJECTOR

1. Clean the injector with hot water and wash off the liquid after use – every time.
2. To maintain the system optimally, hold the injector under water and squeeze it, so the water cleans the system.

It is highly important to clean the injector every time, as congealed matter can cause blockage and entails risk of side effects.

B. TO LUBRICATE O-RING

If the plunger becomes sluggish, the o-ring on the end of the plunger needs to be lubricated.

1. The barrel can be removed by loosening barrel collar - the barrel can then be pulled out.
2. Submerge the o-ring in olive oil, cooking oil or vegetable oil. Do not use mineral oil.

NB: Never take the o-ring off the plunger!

3. Remove plunger from oil.
4. Reassemble the injector.



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Enjoy the benefits of intelligent packaging

- Use lightweight vials
- Use polyethylene vials
- Use collapsible vials
- Use non-breakable vials



Uniferon® – quality iron for your piglets

Uniferon® is a registered trademark of Pharmacosmos A/S

Uniferon® is produced in Denmark by Pharmacosmos – a privately owned, independent pharmaceutical company developing iron deficiency treatments for humans and animals. With state-of-the-art manufacturing facilities and more than 30 years of experience in iron supplement production, we are dedicated to the continual improvement of iron therapy.

Learn more about the Uniferon® Injector at www.uniferon.com/injector



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