

Nidacon News

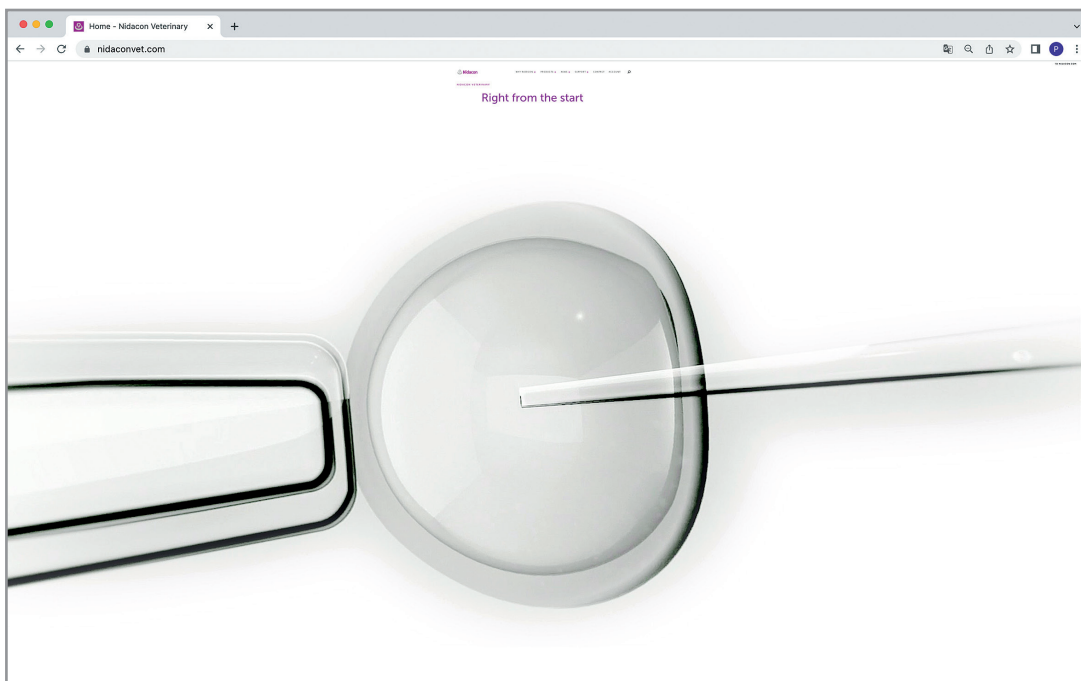
The news letter from your ART supplier • No 1 • 2023

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New website – www.nidaconvet.com

We have had our old web page for many years now. It has been of great help for both us and our customers, but we realised the time had come for an update.



Just log in and
place your
orders online!

The veterinary part of Nidacon is now separated from the human and includes more documentation such as instructional videos, product manual including instructions for use, safety data sheets and more.

If you want to have a web page up to date with a modern design both technically and aesthetically you have to rework it from the ground up at least every 5 years. The new Nidaconvet website is therefore based on more modern techniques and is more structured. The design has the ambition to be cleaner and easier to navigate.

The webshop

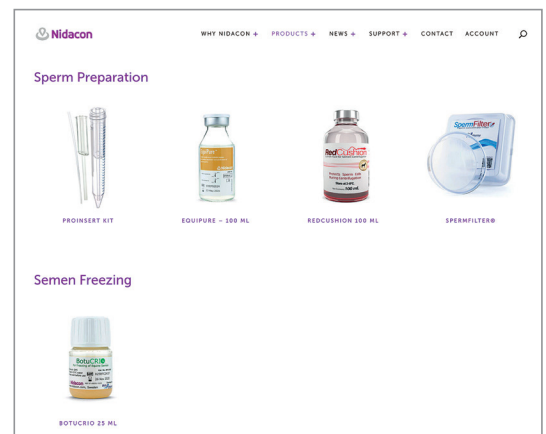
We have also added a webshop possibility for customers in markets without local representation by a Nidacon distributor. Just log in and place your orders online!

When logged in to the website, there will be pricing and shopping possibilities in the regular product pages.

When placing your order you will receive an order confirmation, but without transport cost added. We will handle your order and calculate the most cost-efficient transport cost for you. You will then receive a separate confirmation complete with the cost of transport.



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Optimization of freezing results

Obtaining successful results in sperm freezing can be challenging, especially when using suboptimal freezing techniques. Recently, two noteworthy papers were published, focusing on enhancing the efficiency of equine sperm freezing.



animals



Article

Optimization of the Equine-Sperm Freeze Test in Purebred Spanish Horses by Incorporating Colloidal Centrifugation

Luna Gutiérrez-Cepeda ^{1,*}, Francisco Crespo ², Juan Carlos Blazquez ² and Consuelo Serres ¹

These results could potentially be of great interest in the equine reproductive industry when dealing with other individuals or breeds in which, initially, low sperm quality prevents or limits their inclusion in sperm-cryopreservation programs.

The second paper compared the effects of several semen extenders and freezing extenders, including BotuSemen and BotuCrio, on the quality of frozen-thawed equine epididymal sperm.

It concluded that employing low concentrations of glycerol, either alone or in combination with methylformamide, proved to be advantageous for the cryopreservation of stallion epididymal sperm.

Remarkably positive results were observed

when using BotuSemen and BotuCrio, which exhibit low glycerol concentration and incorporate methylformamide.

References:

- Gutiérrez-Cepeda et al, "Optimization of the Equine-Sperm Freeze Test in Purebred Spanish Horses by Incorporating Colloidal Centrifugation," *Animals* 2023, 13, 382.
- Neuhauser S et al, "Comparison of the Effects of Five Semen Extenders on the Quality of Frozen-Thawed Equine Epididymal Sperm," *J Eq Vet Sci* 79 (2019) 1-8.

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journal homepage: www.j-evs.com



Original Research

Comparison of the Effects of Five Semen Extenders on the Quality of Frozen-Thawed Equine Epididymal Sperm

Stefanie Neuhauser ^a, Heinrich Bollwein ^b, Matthias Siuda ^b, Johannes Handler ^{a,*}

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The first paper aimed to investigate the potential of colloidal centrifugation in improving the outcomes of freezing poor-quality ejaculates from Spanish purebred horses. The Purebred Spanish Horse, according to the author's clinical experience, is characterized by having a low number of stallions that meet the international commercial recommendations for equine-sperm cryopreservation.

The study investigated if the incorporation of single-layer colloidal centrifugation (EquiPure) prior to cryopreservation in clinical conditions could increase the number of ejaculates of Purebred Spanish stallions suitable for freezing. Using colloidal centrifugation, the percentage of ejaculates available to be frozen was increased from 35% to 71%,

According to the author's clinical experience, is characterized by having a high number of stallions that do not meet the international commercial recommendations for equine-sperm cryopreservation.

allowing us to obtain from poor-quality fresh ejaculates thawed sperm doses with similar sperm quality to that of good-quality fresh ejaculates.

Reducing plastic – new packaging for our semen extenders

We previously packaged our extenders individually together with the funnel one and one in small plastic bags.

We will from now on send the extenders together with the funnels in 'bulk' bags. This is to reduce the plastic waste and the time-consuming procedure of opening each package. Beneficial both to us, you and the nature.

As always, the extenders can be ordered with or without water.



BOTUSEMEN 100 ML



BOTUSEMEN 100 ML (WATER INCLUDED)



BOTUTURBO 100 ML



BOTUTURBO 100 ML (WATER INCLUDED)



BOTUSEMEN SPECIAL 100 ML



BOTUSEMEN SPECIAL 100 ML (WATER INCLUDED)



BOTUSEMEN GOLD 100 ML



BOTUSEMEN GOLD 100 ML (WATER INCLUDED)

Latest additions to our product line

Red Cushion

A cushion fluid of high density used for semen centrifugation. It reduces damage from centrifugation through sperm damping over the RedCushion on the bottom of the tube.

It produces less compacted pellets with high sperm recovery rate due to the possibility of working with intensity and time of centrifugation above those used in conventional protocols. Because it has a reddish coloration, it allows easy visualization of the spermatozoa layer and its removal.



BotuEmbryo

BotuEmbryo is a media for maintenance and transport of embryos. Its packaging does not require the use of syringes and needles.

It has an innovative formulation based on scientific studies carried out by national and international researchers.

These products have a longer delivery time than our other products which normally arrives 1 day after ordering.



Nidacon will remain open throughout the summer, ready to assist you with all your orders, requests, and any questions you may have.

We wish you a delightful summer!



Coming up

- **ISER**
The International Symposium on Equine Reproduction (ISER XIII)
Foz do Iguaçu, Brazil, 10-14 July 2023
- **ESER European Practitioner Symposium on Equine Reproduction**
Bruges, Belgium, 10-11 Oct 2024



The Fun Collection

Many have been asking about our fashionable line of clothing, so we decided to make them available through our web shop
<https://nidaconvet.com/products/#equine>



BLUE/YELLOW SPERM STOCKINGS



BLUE/PINK SPERM STOCKINGS



KNIT GREY CAP



KNIT PINK CAP

Who to contact



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