



PRODUCTS THAT RESTORE ANIMAL GUT HEALTH



[WWW.THAROS.CO.UK](http://WWW.THAROS.CO.UK)

## The problem:

- ▶ A non-optimal gut microbiome is known to be a major factor in gastrointestinal dysfunction such as irritable bowel syndrome (IBS) and Crohn's Disease, leading to the production of toxic metabolites. Other species suffer similar problems
- ▶ Malabsorption of starch is believed to be a factor

## Anabiotic approach:

- ▶ The potential of reducing such malabsorption by administration of an enzyme-rich malt extract, has been investigated in various species including Man
- ▶ Our novel approach, supplementing with enzyme rich malt extract improves the gut microbiome and thus gut health of each individual, whether horses, pigeons or humans, including patients with IBS

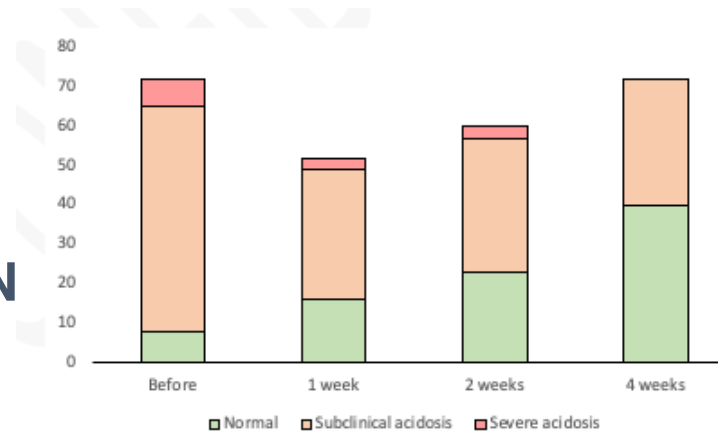
## The product (patents pending)

- ▶ **Enzyme Rich Malt Extract is derived from 100% sustainable barley and is completely natural**
- ▶ **Enzymes include  $\alpha$ - and  $\beta$ -amylases, fructanases and dextranases, phytase and others which break down cell-walls including cellulase,  $\beta$ -glucanases and xylanases.**
- ▶ **The organic matrix is largely composed of maltodextrins.**

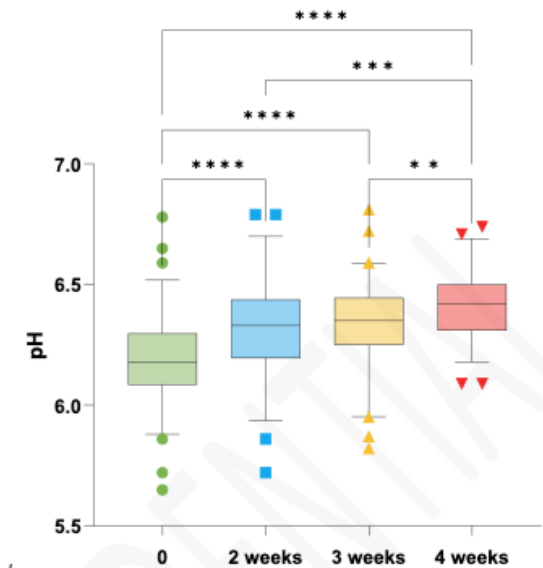


## Results - EquiNectar (“EqN”) (unpublished data, secured under veterinary supervision)

- ▶ EqN significantly alters the profile of VOC’s and the intestinal microbiome of horses
- ▶ Faecal pH changes in the intestinal metabolome of horses receiving EqN feed supplementation
- ▶ Faecal pH increased significantly in a group of thoroughbred racehorses when supplemented with EqN



**Figure 2.** Bar chart showing numbers of horses classified by fecal pH into normal pH (>6.4; green), subclinical acidosis (6.0-6.4; orange) and severe acidosis (<6.0; red). There was a significant difference in the number of horses in the normal category between before supplementation and 4 weeks after supplementation.



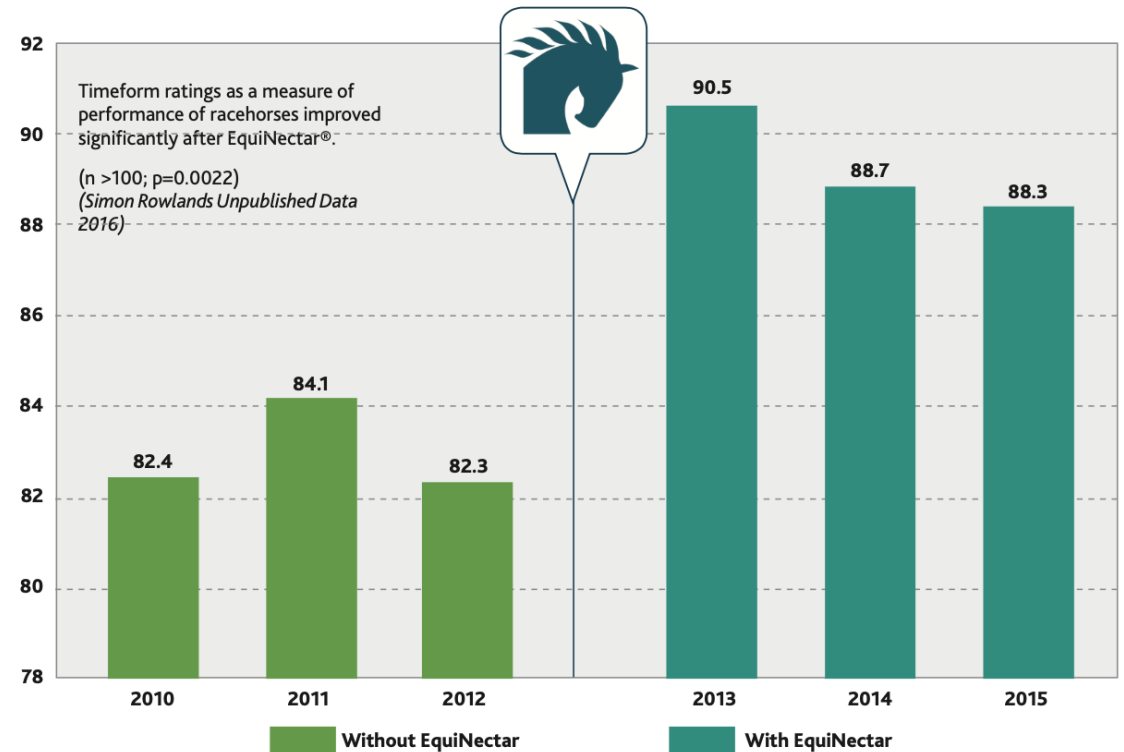
**Figure 1.** Box and whisker plot showing mean (line), 25<sup>th</sup> and 75<sup>th</sup> percentiles (box) and 5<sup>th</sup> and 95<sup>th</sup> percentiles (whisker) with outliers as individual datapoints of fecal pH in 72 Thoroughbred racehorses receiving an enzyme rich malt extract feed supplement. Significant differences are shown in the comparisons (\*\*\*\* = p<0.0001, \*\*\* = p<0.001, \*\* = p<0.005)

## Results - Equine (unpublished data)

- ERME helps racehorses run faster and recover quicker

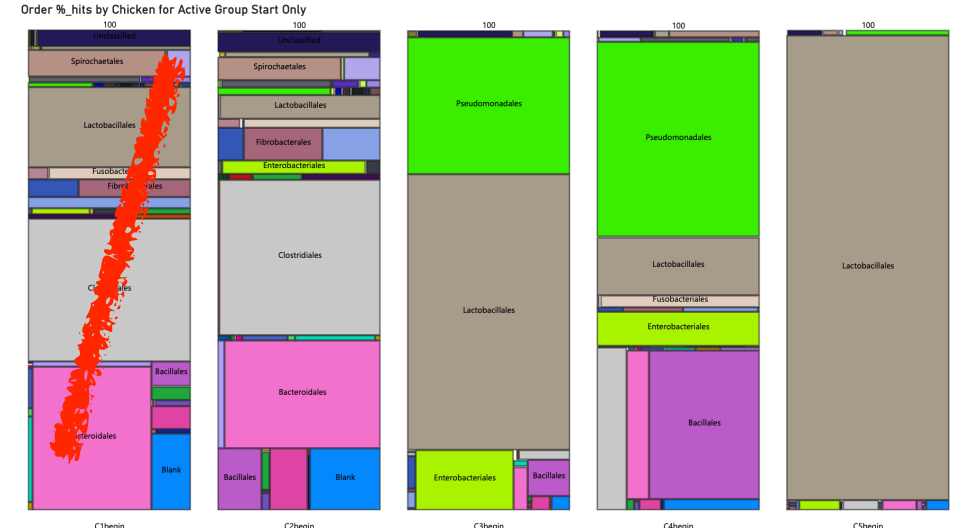
### The Effect Of EqN On Racehorse Performance - Simon Rowlands - Data On File

- Data on 100 horses working in a Newmarket Yard.
- Performance between two periods was compared: 2010-12 v 2013-2015
- Performance over time as measured by TIMEFORM that was statistically significant ( $p=0.0022$ )

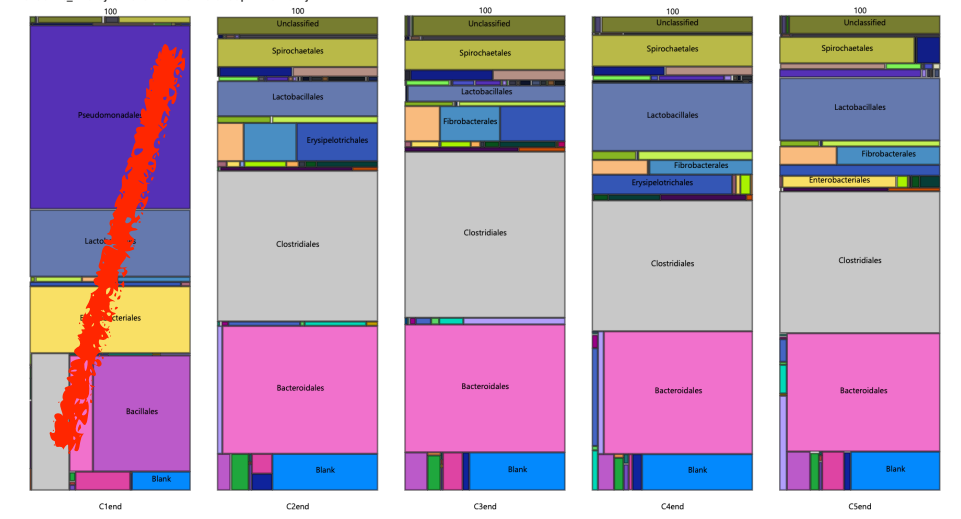


Results - Avian (unpublished data)

- ▶ **AviNectar improves the avian microbiome and reduces toxins - small pilot study of free range - laying hens**
- ▶ Supplementation with Avinectar increased levels of **Ruminococcus** and **Lachnospiraceae** while reducing **Enterobacteriales**, all of which are consistent with improved gut health.
- ▶ VOCs from these samples showed lower levels of toxins such as formaldehyde and ethanol but increased production of butyric acid.
- ▶ Egg shell density improved as did food conversion

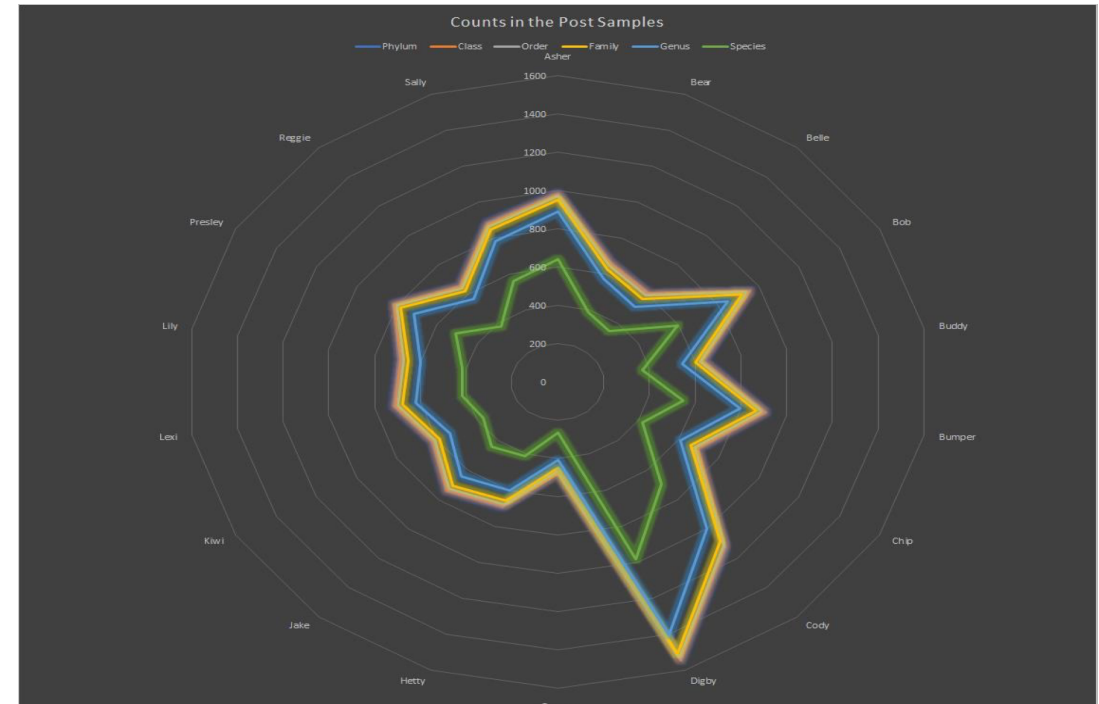


**Treatment - S&F - diversity increased and standardisation observed**



Results - Canine (Unpublished)

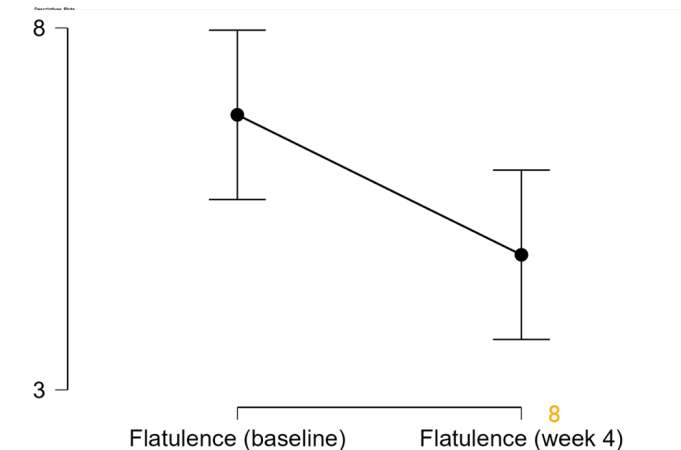
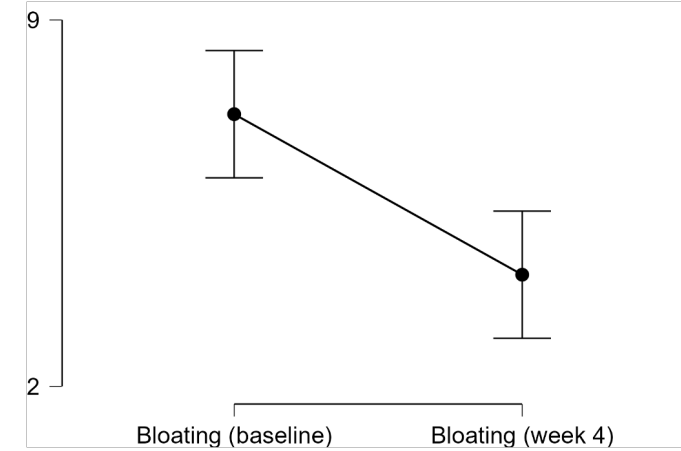
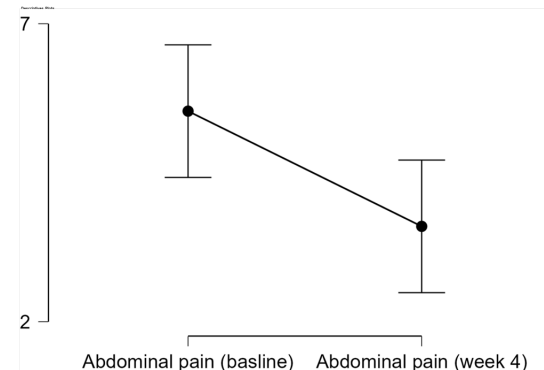
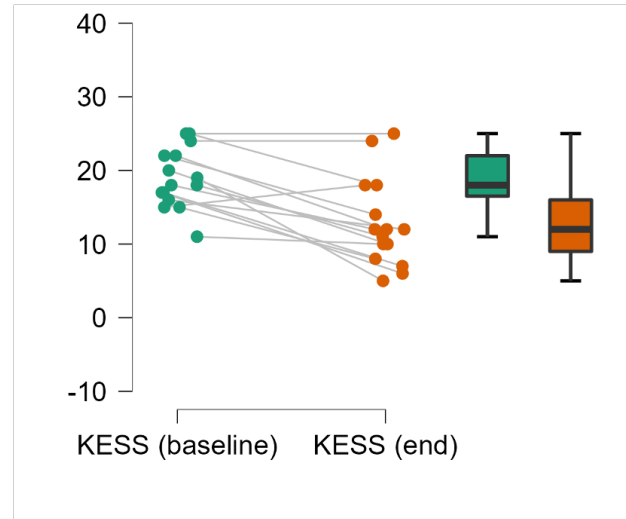
- ▶ **Canelix improves the richness and diversity of the canine microbiome**
- ▶ This analysis show that the taxonomic richness and diversity are greater in Canelix-treated dogs at the end of the study – this is associated with improved gut function and better overall health.
- ▶ Observational data supports improved health.
- ▶ Ongoing trials are promising - currently working with UK Border Force where we are measuring both metabolome and microbiome



## Results - Human

### Significant Improvements in Constipation, Pain, Wind and Bloating

- Results: 15 patients successfully completed the study. After 4-weeks of ERME, the overall constipation (KESS) score significantly reduced ( $18.9 \pm 4.06$  vs  $12.8 \pm 6.06$ ,  $p < 0.001$ )



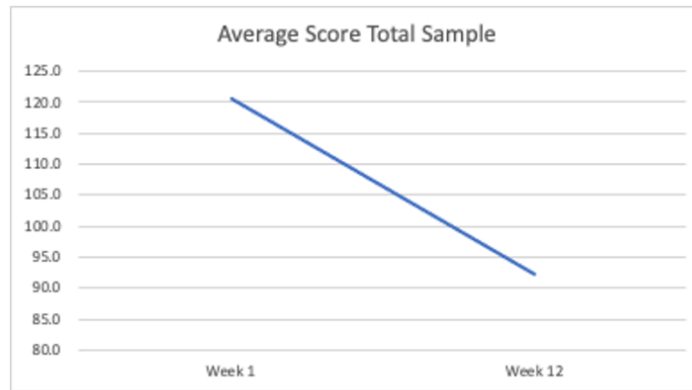


## Results - Human continued

- ▶ A Downward trend in daily IBS and bowel symptoms
- ▶ Results: IBS Key Symptoms
- ▶ Measurement during 1st and last week of 12-week study
- ▶ Subjects (n=38) consumed ERME for 4 weeks during this period

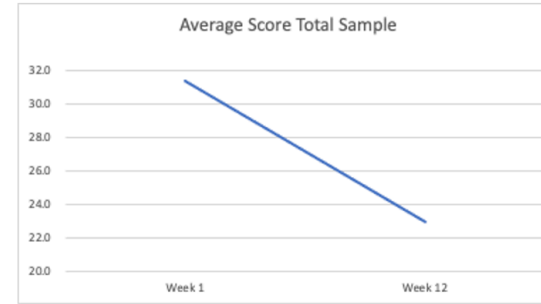


### Combined Total



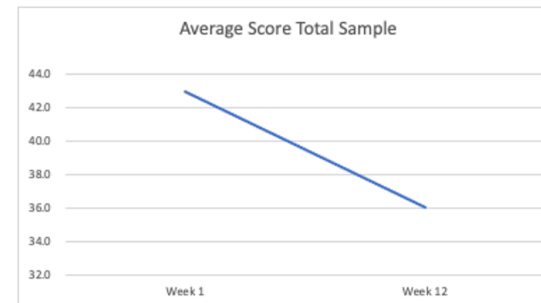
% of sample that improved	74%
Average improvement amongst improvers	(42.1)

### Stomach Pain



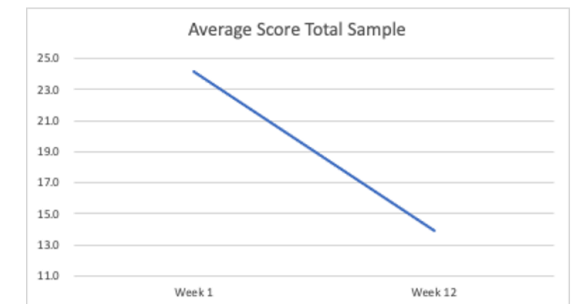
% of sample that improved	71%
Average improvement amongst improvers	(12.9)

### Bloating



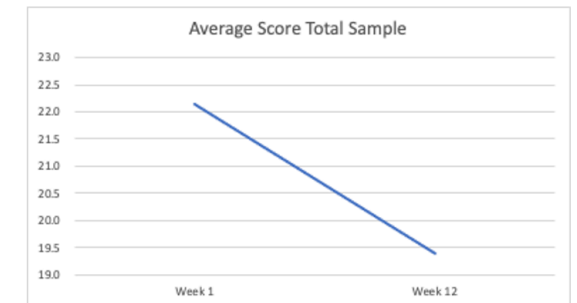
% of sample that improved	66%
Average improvement amongst improvers	(12.7)

### Diarrhea



% of sample that improved	74%
Average improvement amongst improvers	(16.2)

### Constipation



% of sample that improved	55%
Average improvement amongst improvers	(15.0)

# CUSTOMER TESTIMONIALS - Leisure

## From all over the UK - every day

**Allison Laskey St Quintin** 1 h · 🌐

100% recommend equinectar 2 days in...the horse that's been trying to kill me for weeks actually came looking for me to have a cuddle 🥰 put his head on my shoulder like he was saying sorry for being so nasty. I am gobsmacked what a difference it's made ❤️❤️ I don't think he has ulcers I think putting him on grass seriously upset his gut and this is putting it right .

15 11 comments

Like Share

**Feeding Horses with...**

**Joanne Miln** Top contributor 3 d · 🌐

Information for those who think there horses may have hind gut issues. My pony has always had a large bloated area behind the saddle, urinated a lot especially after being ridden. He's also been very sensitive to grooming particularly on the right side and having his hind feet picked out. He's very sharp to ride also.

Last week I started him on equinectar. I'm quite astonished by the effect it's had so far. He's lost the bloat behind the saddle, lost 20kg on the weight tape, stopped wee'ing after being ridden and has started to lie down in the stable. I've never seen him do this in the 9 months we have owned him. I hope this info may help anyone else who's pony is showing smiler issues.

THAROS

★★★★★

Great Product  
*Jo Mayes on Apr 03, 2023*

Equinectar is an amazing product! After spending so much money on supplements which didn't work or our mare wouldn't eat (she is VERY fussy), I found Equinectar and our mare ate it straight away - and continues to eat it! The results have been fantastic, she is much more settled, seems happier in herself and looks really well coming out of winter (she is 24). I can honestly say that this product has really helped our mare feel better in herself and I have ordered my second container. Thank you for your advice when I have asked questions too!

**Nicola Fisher** Top contributor 4 d · 🌐

**Lorraine Hughes MSc** thought you might like to know my Sec A Stallion scoped and undergoing treatment for ulcers under vet. Suffered badly from bloat...farting and dreadful faecal water. Started giving **EquiNectar** and within 4 days the difference has been amazing.....no faecal discharge and he has turned into the kindest little man...amazingly responsive now when driven....EquiNectar has been a game changer for us

9 11 comments


Like Share

**Tracie Williams** Top contributor

I have a stressy, cribbing, food aggressive TB who is being scoped tomorrow. I bought equinectar and have noticed a huge difference in his behaviour. He's chilled to the point I was sat in his stable when he was eating whereas before you couldn't even walk past the door without him lunging to bite x

3 d Like

**Tracie Williams** Top contributor



3 d Like

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Liquid gold  
*Jacqui Clayton on Apr 28, 2023*


My horse was diagnosed with squamous & glandular ulcers in May 2022, he was treated with everything my vet could throw at him before finally scoping clear (5th scope) in November. I heard about Equinectar & decided to speak to them to see if it would be a suitable addition to his diet. I ordered 5L & literally within 3 days of starting him on it my spooky horse was hacking out on buckle end !! I am so impressed with this product I have started my other horse on it too. Both horses are looking amazing & have fantastic attitudes, even 'Mr Spooky' is calm & willing to ride with minimum 'sharp' moments. Both horses love the taste & lick their buckets clean.

This product is pure Liquid gold !!!

**Feeding Horses with Ulcers**  
Joanne Miln · 1 h · 🌐

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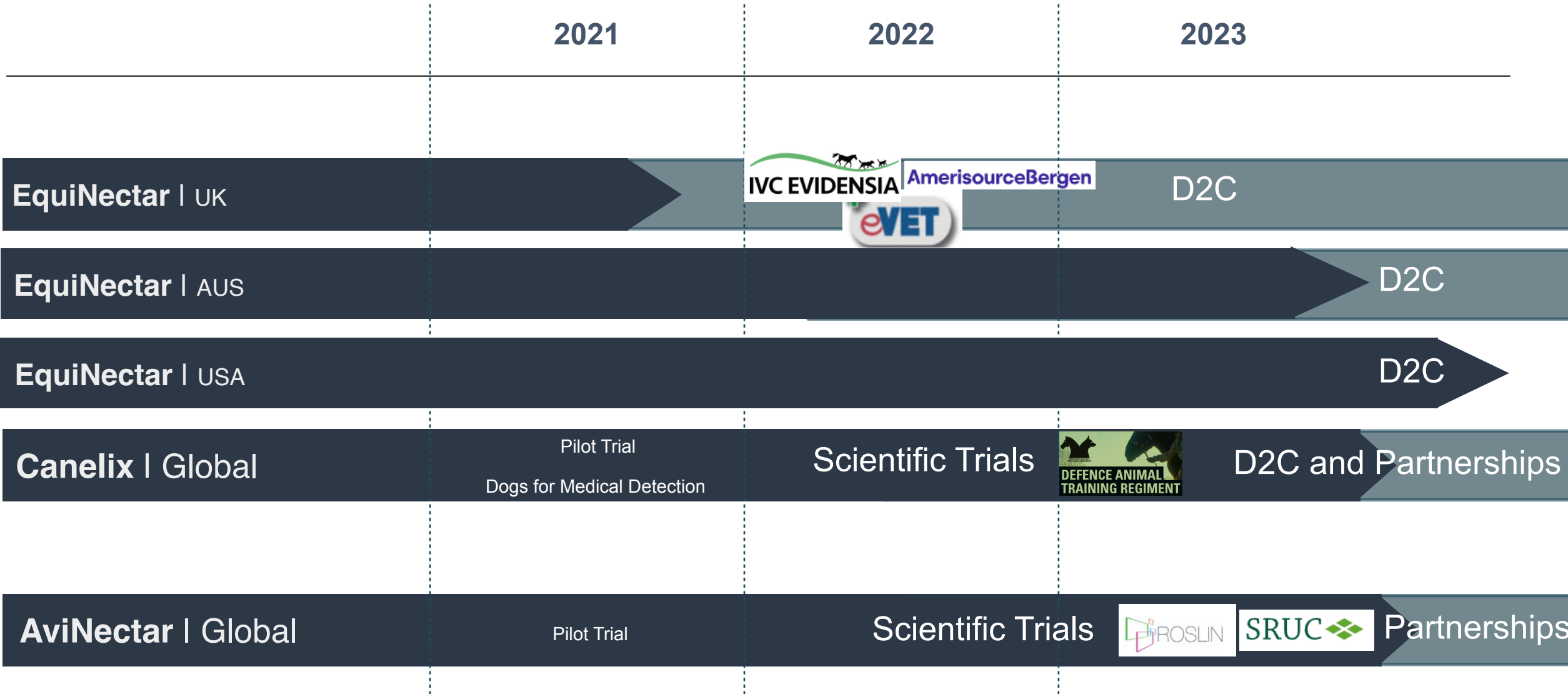
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# PRODUCTS ROLL OUT PLAN







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