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NEBULISING DEXAPENT IN THE FLEXINEB EQUINE NEBULISER

I have received information from Nortev in relation to the difficulty some customers are having nebulising Dexamethasone based products.

This issue has been extensively researched in Nortev's Engineering Department and the common issue which has been found, has been the presence of **Polyethylene Glycol** within certain, generic and branded, Dexamethasone preparations.

Ascertaining whether Dexapent contained Polyethylene Glycol was difficult due to limited information available about the specific drug. In addition, Dexapent specifically is not readily available in Ireland where Flexineb is manufactured, therefore Nortev have been unable to test Dexapent.

Further, Nortev note that information currently available on Dexapent advises this solution contains a glucogenic component which, due to the nature of sensitive vibrating mesh technology, could potentially affect the molecular weight of Dexapent, altering its consistency & potentially making it difficult to nebulise.

Based on information available Nortev advise that Dexapent may potentially be more viscous.

Options for customers that are using Dexapent:-

1. If using a **grey/standard** medication cup add more Saline to further dilute the Dexapent eg 2 parts saline to 1 part Dex, this will however increase the volume but will make it easier to nebulise.
2. Purchase a **green/fast** cup to nebulise Dexapent, which will reduce the nebulising time.
3. Use alternative Dexamethasone product which does not contain polyethylene glycol as a listed ingredient.

If you have any further questions, please do not hesitate to contact me on 0417415355 or

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