Abomasal Bloat in Lambs and Kids

Abomasal bloat can cause up to 30% of reared lambs to die before weaning. Typically, within 30 minutes of feeding warm milk, the lamb may become bloated. Essentially, undesirable bacteria in the stomach feed on lactose in the milk and produce gas. When the stomach receives a large hit of milk/lactose the bacteria feed quickly, and a gas bloat occurs. This condition is not seen in naturally reared lambs/kids who drink small amounts, continuously throughout the day. Abdominal swelling can occur quickly and in severe cases leads to death. Of course, lamb/kid bloat is not always a straightforward abomasal bloat. Other causes include intussusceptions, constipation, gut twists, rumen bloat, nerve issues, and bacterial infections. If your little one starts bloating, especially if it happens suddenly, this is an emergency and it should see a vet immediately for a thorough work up.

The answer to abomasal bloat lies in prevention:

- Feeding 10-15% of their body weight (adjust as they grow) divided into small feeds throughout the day
- When held upside down, the teat should drip milk, but not flow. Likewise, cracked or damaged teats can lead to a quick flow, which can lead to Ruminal Bloat*
- While the bacteria responsible is yet unproven, there are strong links with clostridial bacteria Sordelii and Sarcina, which are now covered in COVEXIN 10. We recommend vaccinating with COVEXIN 10 from 2 weeks of age.
- Offer “creep feed”, which is highly digestible grain, from 5 days old, to help the stomach adjust to grown up food, to prevent against Ruminal Atony**

FEEDING YOGHURTISED MILK AT EVERY FEED IS THE ONLY PROVEN METHOD OF PREVENTION.

NOTE: Simply adding probiotic yoghurt to the milk at the time of feeding does NOT prevent bloat, and may increase the risk, as some of the bacteria in probiotic yoghurt are, in fact, gas-producing in themselves.

YOUGHURTISED MILK RECIPE

- **Add 1kg of Anlamb to 3 Litres of warm water**, in a large (9 Litre) bucket.
  Mix well with a stick blender or eggbeater
- **Add 200mL of plain, unsweetened acidophilus yoghurt** (from the supermarket).
  Mix together, place a lid over the top, and sit in the hot water cupboard for 12-24hrs.
  Otherwise a polystyrene box with hot water bottle does the trick.
  Note, if your lamb in recovering from bloat, keep it on electrolytes until the first batch is ready at 12 hours.
- At this stage the milk should look and smell like yoghurt. **Remove 200mL to set aside** in the fridge.
  This will be your starter for the next batch (otherwise you’ll have to buy more yoghurt).
- **Fill the bucket of yoghurt up to the 8 litre mark**, with cold water, and mix.
- The yoghurtised milk is now ready to feed at normal quantities. It will last for 5 days in a cool place.
  Remember to start your next batch 24 hrs before it is needed.

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* Ruminal Bloat is when milk spills over from the baby stomach (the abomasum) into the grown up stomach (the rumen).
** Ruminal Atony is commonly seen in older animals when there is a sudden change of diet, causing the rumen (the grown up stomach) to become distended and dysfunctional.