

# Alpha mannosidosis (MA)

## **What is it?**

Alpha-mannosidosis (MA) is a lethal genetic condition, first described in Australia during the late 1950's.

## **Affected animals**

The condition causes most calves to die prior to sexual maturity, with a proportion of pregnancies believed to be aborted due to the condition. MA calves typically appear healthy however develop severe neurological issues, displaying uncoordination, aggression and nervousness. MA calves are typically considered 'poor doers' and will ultimately succumb to the condition.

MA is controlled by a simple recessive mutation which leads to lethal lysosomal storage.