VETERINARY TECHNICAL DATASHEET

Acute Respiratory Distress Syndrome, (ARDS); mutation originally found in Dalmatian

W ž S D O M[™] HEALTH

Mutation Found In :Dalmatian

Disorder Type • Lung Disease Severity • Severe	Background Acute respiratory distress syndrome is a rare, life-threatening disorder that causes acute, severe respiratory failure that is unresponsive to treatment.
Key Signs • Acute respiratory distress	Clinical signs of this disease emerge very acutely in dogs under one year of age. Early signs of the disease include noisy respiration, increased respiratory rate, vomiting, and weight loss. The disorder is unresponsive to treatment and quickly develops into severe respiratory distress that can be accompanied with other severe conditions, such as pneumomediastinum, hiatal herniation, or gastroesophageal intussusception. The disorder is unresponsive to treatment and affected dogs die or are euthanized between 1-6 weeks after the onset of respiratory signs.
Mode of Inheritance • autosomal recessive Gene Name • ANLN	Next Steps All described cases of the disorder have died or were euthanized due to unresponsiveness to treatment and clinical severity. Treatment should be targeted at maintaining fluid balance and oxygenation. Anti-inflammatory treatment may be of help. The prognosis is poor.

References

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Järvinen AK, Saario E, Andresen E, Happonen I, Saari S, Rajamäki M. Lung Injury Leading to Respiratory Distress Syndrome in Young Dalmatian Dogs. J Vet Intern Med. 1995 May-Jun;9(3):162-8. © 2018 Mars, Incorporated and its Affiliates.