





















The regular use of popular sires over several generations can play havoc with MHC diversity
Tendency for multiple diseases to occur in the same family
Dogs affected with chronic autoimmune disease should not be bred from
Low COI's (5% or lower) should be a selection factor and can aid in maintaining MHC diversity - this should be calculated over 8-10 generations









MASTICATORY MUSCLE MYOSITIS

- Portugese Water Dog X 05/2014 Female entire
- Nov 2014 Jaw pain Rx steroids
- Prior multiple cystitis episodes treated with antibiotics
- 05/2015 lethargic, pain in the jaw, ice cubes -Prednisolone 20mg - non regenerative anaemia
- Presented 06/2015- a urinary tract infection preceded the issue and this can lead to 2M antibody formation as similar antigenicity to UTI bacteria

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Disease	Type of vaccine	Ref
Systemic lupus erythematosus	HBV, tetanus, anthrax	30
Rheumatoid arthritis	HBV, tetanus, typhoid/paratyphoid, MMR	29
Multiple sclerosis	HBV	18, 23, 24
Reactive arthritis	BCG, typhoid, DPT, MMR, HBV, influenza	15, 29, 31
Polymyositis/dermatomyositis	BCG, smallpox, diphtheria, DPT	14, 15
Polyarteritis nodosa	Influenza, pertussis, HBV	14, 15
Guillain-Barré syndrome	Influenza, polio, tetanus	16, 21, 22
Diabetes mellitus – type I	HiB	19, 26, 27
Idiopathic thrombocytopenia	MMR. HBV	14.15





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- ANY DRUG CAN HAVE THE POTENTIAL TO TRIGGER IMMUNE **RELATED SIDE EFFECTS IN SUSCEPTIBLE INDIVIDUALS**
- Drugs may exacerbate existing autoimmune disease































IN CONCLUSION • Cases may present at a stage where they are already highly compromised and deeply suppressed both in the period prior to onset of autoimmunity (causal suppression) and as part of the conventional treatment (palliative suppression) • Reduce stress • Remove toxins from the food and local environment • Support the immune system • Support the liver

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