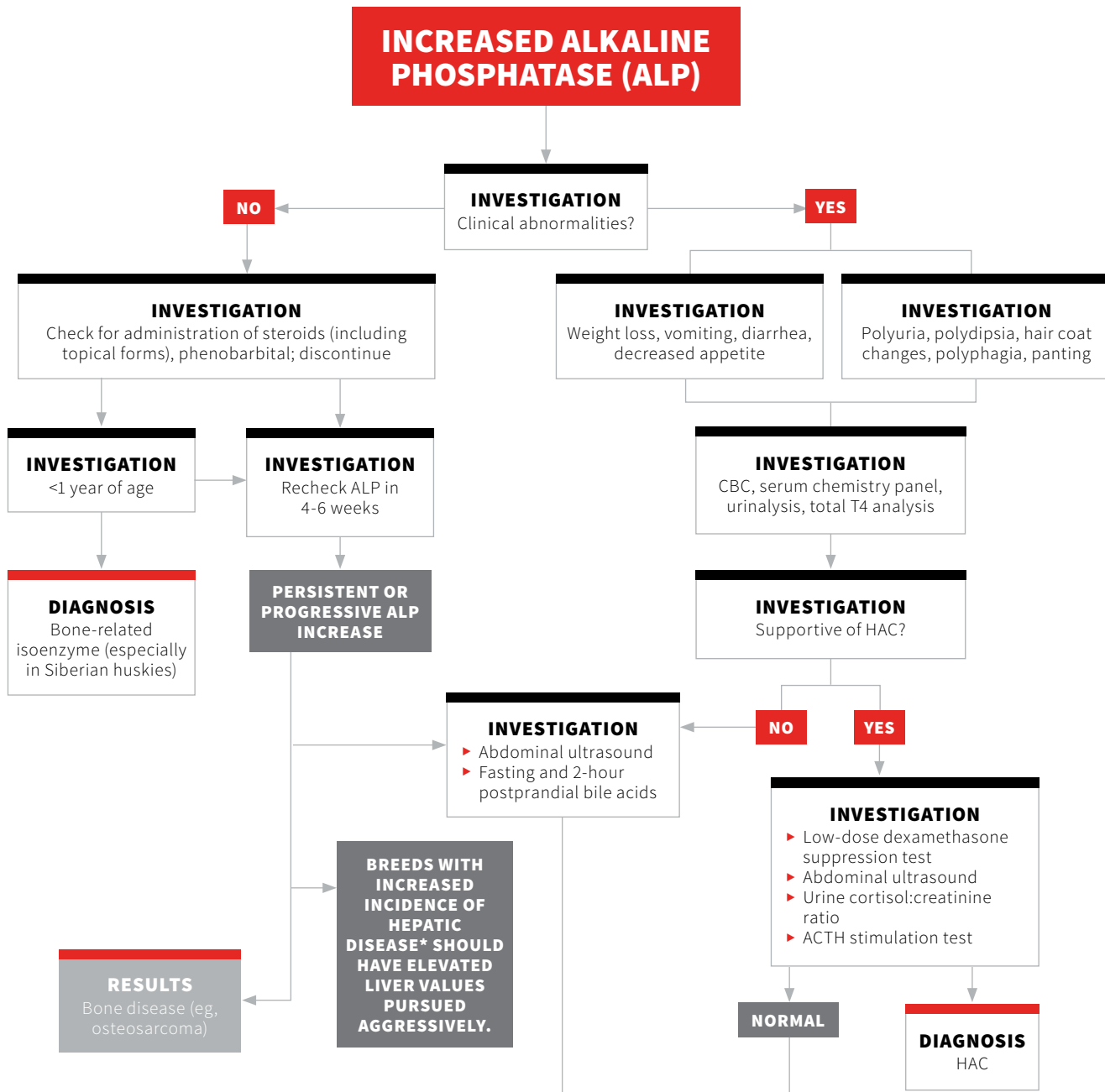
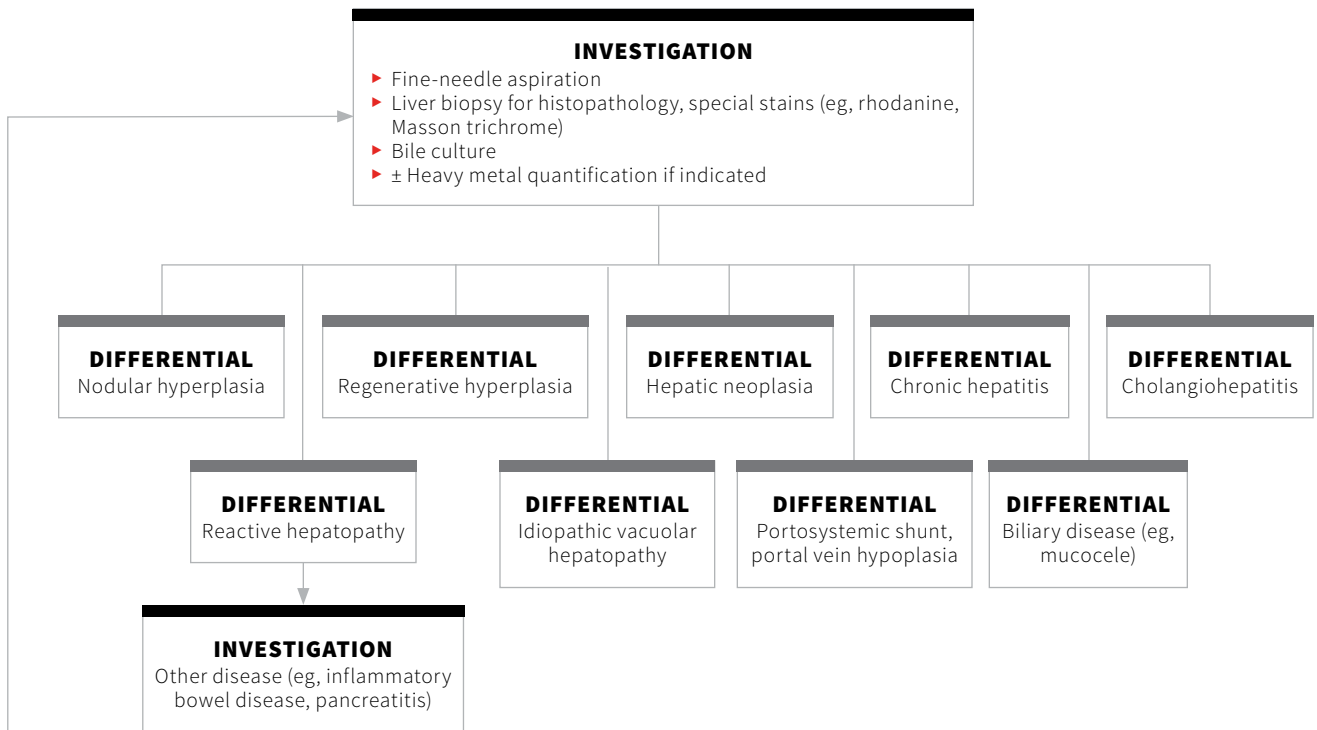


# INCREASED LIVER ENZYMES IN DOGS: ALP

Julie Allen, BVMS, MS, MRCVS, DACVIM (SAIM)  
North Carolina State University



\* Any increased ALP should be rechecked at least once to rule out a spurious result or laboratory error, particularly in a nonclinical patient. More aggressive evaluation should be considered in breeds predisposed to hepatic disease: Bedlington terriers, West Highland white terriers, Labrador retrievers, standard poodles, cocker spaniels, English springer spaniels, Doberman pinschers, dalmatians, Scottish terriers, and Skye terriers. Early diagnosis may improve treatment success and prognosis.



ACTH = adrenocorticotropic hormone  
 ALP = alkaline phosphatase  
 HAC = hyperadrenocorticism

See page 108 for suggested reading.