



For Love of the Horse

Basic Blood Chemistry Evaluation of report dated 7/16/2009
Magic – Cynthia Medici

By Joseph Thomas, Ph.D. 07/28/09

After reading all correspondences between Cynthia and For Love of the Horse staff members it seems that your major concern for Magic is “he does not shed his coat out properly.” Magic’s blood work reveals an early to mid stage Insulin Resistance (IR) condition with normal serum glucose and elevated insulin at near six times the upper limit of the reference range. This would certainly account for his seemingly aberrant shedding concern. Magic’s coat is really not a concern from my perspective (one of many external signs and symptoms) but his IR is worthy of diligent care and management practices. There is no demonstration of any presence of the associated immune and hematology (anemia) patterns in Magic’s blood work but there is sufficient evidence of vascular issues; i.e. hemoconcentration where there is a disproportionate quantity of red blood cells to plasma (free body water) in the circulating “whole” blood. The primary concern with this problem is that his circulating blood will be of “some” unknown magnitude “thicker” and would most likely affect his hoof health. The test result elements that reveal this blood viscosity problem are elevated albumin and sodium “sitting” at the upper limit of the reference range. Though this pattern is at the beginning it should be considered worthy of dealing with. Being at an early time within this pattern is the optimal time to take care of this problem.

There is one other “minor” indication of IR through another secondary aspect and that is his slightly elevated GGT (liver enzyme). Even though this is a single test result it is one that represents an extremely minor liver congestion that appears to be present in most IR horses.

I believe that this is a wonderful moment in time to take care of this potentially serious health concern and I also believe that Magic’s IR can be reversed with my herbal solutions and your excellent care.

This is a wonderful time to begin a serious program of my herbal solutions; the following are my recommendations:

Recommendations:

EMS @ 4 scoops X 2 to take care of Magic’s IR and associated hemoconcentration
Liver Support @ 4 scoops X 2 to take care of Magic’s liver congestion.

Follow-up blood work in six months.