

Labs for DCs: Iron Deficiency Anemia, Type II Diabetes & Hyperlipidemia ~ 6 Hrs
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Back To Chiropractic CE Seminars

Iron Deficiency Anemia ~ 2 Hrs

Learning Objective: Understand how to evaluate patients with anemia and whether they are being managed correctly, the dangers of and how to avoid iron supplement overdose, and how to evaluate whether the cause of the bleeding that caused the iron deficiency anemia is being addressed properly.

Hour One:

- Clinical overview of anemia
- Causes of anemia besides iron deficiency, blood loss as primary cause of iron deficiency anemia and steps to ensure the cause of the bleeding is found and corrected.
- Signs and Symptoms to look for in patients that have not yet been diagnosed with anemia but have it.

Hour Two:

- Signs and symptoms of iron toxicity from iron supplementation in those who've been misdiagnosed as iron deficient but instead have anemia from a different cause.
- Lab findings and interpretation: Complete Blood Count (CBC): including RBC, Hemoglobin, Hematocrit, MCV, MCH, MCHC; Serum Iron; Total iron Binding Capacity (TIBC); Ferritin.
- Medical vs alternative treatment options for the various causes of bleeding in iron deficiency anemia cases.

Type II Diabetes ~ 2 Hrs

Learning Objective: Understand how to evaluate the blood work of patients with diabetes type II and whether their case is being addressed properly from a holistic perspective.

Hour Three:

- Clinical overview of Diabetes
- Causes of diabetes: dietary factors as the primary cause of type II diabetes and steps to ensure the underlying cause is being addressed properly.
- Signs and Symptoms to look for in patients that have not yet been diagnosed with Type II Diabetes but have it.

Hour Four:

- Signs and symptoms of Diabetes medication side effects in those who've been diagnosed as Type II and aren't addressing lifestyle factors.
- Lab findings and interpretation: Blood glucose levels both fasting and random, Hemoglobin A1c, and fasting insulin serum levels.
- Medical vs alternative treatment options for Type II Diabetes

Hyperlipidemia ~ 2 Hrs

Learning Objective: Understand how to evaluate the blood work of patients with Hyperlipidemia and whether their case is being addressed properly from a holistic perspective.

Hour Five:

- Clinical overview of Hyperlipidemia
- Causes of Hyperlipidemia: dietary factors as the primary cause and steps to ensure the underlying cause is being addressed properly.
- Signs and Symptoms to look for in patients that have not yet been diagnosed with Hyperlipidemia but have it.

Hour Six:

- Signs and symptoms of Cholesterol and Triglyceride lowering medication side effects in those who've been diagnosed as having Hyperlipidemia and aren't addressing lifestyle factors.
- Lab findings and interpretation: Lipid panel: Total Cholesterol, High Density Lipoprotein, Low Density Lipoprotein, Triglycerides, plus a brief overview of advanced lipid panels (VLDL, lipoprotein(a), apolipoprotein B, etc.) and when to order them.
- Medical vs alternative treatment options for Hyperlipidemia