**Week 4 Objectives – 4/23/19**

Types of Diabetes:

1. Create short comparisons of the pathophysiology/causes of idiopathic DM, type 1, type 2, MODY, neonatal diabetes, “type A insulin resistance”, and gestational diabetes.
2. List infections sometimes associated with diabetes.
3. Describe the diagnosis of GD.

Diabetes Outpatient Management:

1. Know roughly by how much each drug class of noninsulin therapy lowers the A1c percentage toward goal.
2. Make a table and list the following drug classes, mechanism(s) of action, side effects and contraindications: Biguanides, Thiazolidinediones, Sulfonylureas, DPP-4 inhibitors, GLP-1 receptor antagonists, and Alpha-glucosidase inhibitors. Know an example of each drug class.
3. Describe the indications for adding prandial insulin to a patient who has been on oral agents and basal insulin therapy.

Complications of Diabetes:

1. List the macrovascular and microvascular complications of diabetes.
2. Classify diabetic retinopathy, and list key features of both types.
3. What is the treatment of diabetic nephropathy in patients with and without concomitant hypertension?
4. List the different types of diabetic neuropathies.
5. What are the practice recommendations for screening of microalbuminuria, retinopathy, and polyneuropathy in type 1 and type 2 diabetics?