#### DIABETES AND NUTRITION EDUCATION

# Hypoglycemia & Hyperglycemia



HYPOGLYCEMIA/ LOW BLOOD SUGAR < 70 mg/dL

### **HYPO**GLYCEMIA













#### **Causes**

- · Too much medication (Insulin or pills)
- · Missed a meal or snack
- · Incorrect carbohydrate counting
- · Unusual / unplanned exercise

#### **Treatment**

#### Rule of 15:

- If BG\* is low or you have symptoms, treat with 15 gms of carb
- 2. Wait 15 mins
- 3. Repeat BG check.
- 4. If BG less than 70 mg/dl or symptoms continue, treat again

#### 15-20 grams of quick acting carbs:

(should raise BG\* about 30-45 points)

- · 3-4 Glucose tablets
- 1 tbsp Honey
- · 1/2 cup (4 oz) Fruit juice
- · 1 cup Nonfat / Low fat Milk
- · 1/2 cup (4 oz) Regular Soda

Have a snack if next meal is more than one hour away

\*\* Use Glucagon if indicated

### HYPERGLYCEMIA/ HIGH BLOOD SUGAR > 200 mg/dL

## **HYPER**GLYCEMIA













#### **Causes**

- Too little medication (Insulin or pills)
- Too much food
- · Incorrect carbohydrate counting
- · Illness / Infection, Stress
- · Too little exercise
- · Certain medications (e.g. steroids)

#### **Treatment**



Call Physician if BGs above 250-300 mg/dL for two consecutive readings or unsure why they are elevated

Always take medications - don't skip!

Check blood glucose and urine for ketones as indicated.

Drink more water / fluids

Keep log of symptoms

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