Diabetes with moderate to large ketones
Blood sugar may be elevated or normal
**Absence of acidosis** (pH >7.30/HCO3>20)
Normal/baseline mental status
Excludes new onset diabetes, <2 years of age, and pts must be followed by OHSU endocrine clinic

**Clinical Pathway Treatment Process**

**Diabetes with ketonuria (not DKA)**

April 2012

- **Initiate D10NS** at maintenance rate
- **Ondansetron 0.1-0.2mg/kg ODT** (maximum dose 8mg)
- **Peripheral IV Labs (BMS, VBG)**
  - Urine ketones each void

**Glucose < 250**

- Carbs+Insulin
  - Initiate D10NS at maintenance rate
  - **Yes**
  - Received Basilar (routine dose) Insulin?
    - Yes
    - **Ketone Correction Dose**
      - Toddlers/young school-age 0.1u/kg SC
      - Pubertal/High School/Adult 0.15u/kg SC
    - **No**
    - **Correction Factor (SC Sliding Scale home dose)**
    - Regular/Routine Dose (Basilar) + Ketone Correction Dose
      - Toddlers/young school-age 0.1u/kg SC
      - Pubertal/High School/Adult 0.15u/kg SC

**Glucose > 250**

- Insulin
  - **Yes**
  - Glucose < 250 or >250?
    - Yes
    - Home Follow up with Endocrine within 3 hours by phone
    - **No**
    - Ketones mod/large?
      - Yes
      - Recheck Blood Sugar / Urine Ketones in 2 hours
      - **No**
      - Glucose <250 or >250?