**DIABETES KETONE PATHWAY**

**Inclusion Criteria**
- Known type 1 diabetes or combination type
- Age ≥ 5 years
- Urinary ketones present or beta-hydroxybutyrate (BHB) > 0.6mmol/L

**Exclusion Criteria**
- DKA on insulin drip (please refer to DKA Pathway)
- New onset diabetes

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**Small/Trace Ketones** (Urine < 40; BHB < 0.6 mmol/L)
- Continue regular insulin management

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**Moderate Urinary Ketones** (Urine ≥ 40; BHB 0.6-1.5 mmol/L)
- Give additional rapid-acting insulin every 2 hours.
- Determine insulin dose (carbs + correction) and multiply by 1.1 units

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**Large Urinary Ketones** (Urine ≥80; BHB >1.5mmol/L)
- Determine insulin dose (carbs + correction) and multiply by 1.2 units

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**Reassessment**
- Check BG every 2 hours
- Check BHB every 2 hours
- Check urine ketones with each void until negative if unable to obtain BHB
- Continue to give insulin every 2 hours

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** Regardless of ketone severity, patient should drink his/her age in ounces each hour until ketones are cleared with a maximum of 10oz/hr. Eg: 6yo should drink 6oz/hr.**

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**BG < 200mg/dL**
- Sugar-containing fluids (juice, Gatorade)

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**BG ≥ 200mg/dL**
- Sugar-free fluids (water, Crystal Light)

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Disclaimer: Pathways and/or protocols are intended as a guide for practitioners and do not indicate an exclusive course of treatment nor serve as a standard of medical care. These pathways and/or protocols should be adapted by medical providers, when indicated, based on their professional judgment and taking into account individual patient and family circumstances. Updated 8/12/2019