

PEDIATRIC DKA PREVENTION DECISION TREE

Blood Sugar above 300
Always CHECK KETONES

**Urine Ketones Negative or
Blood ketones below 0.6**

**Urine Ketones Positive or
Blood ketones above 0.6**

Check site, infusion set, & pump
to make sure working properly

Give high bolus **with a SYRINGE**
NOT with the pump

Problems with
pump

NO problems
with pump

Small/Moderate Ketones
**Give usual high bolus +
50% extra (ex-For a dose of
2units, adding 50% would
equal a total of 3units)

Large Ketones
**Double usual
high bolus

1. Give high bolus with
a syringe
2. Change infusion set
3. Troubleshoot pump

Give high bolus
using pump. Do
not eat carbs for
1 hour.

1. Push Fluids (3-4oz. glass of water every 30 min.)
2. Change infusion set & Troubleshoot pump
3. Monitor blood sugars every 2-3hrs until improved
4. Call your physician if no improvement (blood
sugars remain high, ketones persist and/or
vomiting occurs)

Recheck blood sugar
in 1 hr. & monitor
closely for rest of
day.

1. Recheck blood
sugar in 1 hr. If
blood sugar has not
started to decrease or
has increased, give
high bolus with a
syringe.
2. Change infusion
set.

You may need to give additional boluses
every 2-3 hours until blood sugars improve.
Call physician if blood sugars don't improve
after 2 extra high boluses. Monitor closely
for rest of day.

McNeely Diabetes Center
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