Surgical Guidelines for Children with Diabetes on Insulin Shots

One Week before Surgery:
- Call the diabetes team to report blood sugar levels so changes can be made if needed.
- The normal Lantus/Levemir/Basaglar dose should be given at the normal time.
- Check the blood sugar at 11:45 pm the night before surgery and write it down.
  - Blood sugar < 80: treat with the Rule of 15 (like normal).
    - Remember: a 15 gram snack with carbs + protein should be given after.
  - Blood sugar >240 check for ketones. If ketones are positive, give ½ of a normal correction dose. Do not give insulin if there are no ketones.
- Bring diabetes supplies to the hospital. This includes: insulin pens, pen needles, glucometer, lancets, test strips and glucagon emergency kit.

Morning of Surgery:
- Write down all blood sugar readings, the time and any interventions taken. The surgery team will need to know these numbers.
- Check the blood sugar 2.5 hours before surgery start time. (If the patient wakes up before this, just check the blood sugar. Do not give insulin).
  - All children with a blood sugar <80 should be treated with 4 ounces of apple juice or sprite. Check blood sugar every 15 minutes until over 100.
    - If blood sugar is still low after 2 treatments, eat food to bring blood sugar up. Call the surgery center to reschedule surgery.
  - Children less than 6 years old:
    - Blood sugar 80-250: go to surgery center.
    - Blood sugar >250: check ketones.
      - Moderate or large ketones-give a full correction dose. Call the surgery center to reschedule surgery.
      - Trace or small ketones-give half of a correction dose. Drink 8oz of water and recheck ketones and blood sugar in one hour.
      - No ketones-give half of a correction dose. Recheck blood sugar in 30 minutes.
  - Children 6 years or older:
    - Blood sugar 80-200: go to surgery center.
    - Blood sugar >200: check ketones
      - Moderate or large ketones-give a full correction dose. Call the surgery center to reschedule surgery.
      - Trace or small ketones-give half of a correction dose. Drink 8oz of water and recheck ketones in one hour.
      - No ketones-give half of a correction dose. Recheck blood sugar in 30 minutes.

After Surgery:
- Blood sugar and ketones should be checked every 1-2 hours after surgery.

Contact us:
- Diabetes office:
  501-364-1430
- After Hours Emergency:
  501-364-1100