**Plano Independent School District**

**School Health**

**Insulin Pump Therapy Procedural Guideline**

**Purpose**

To help the student manage their insulin pump

**Equipment**

1. Insulin Pump

|  |  |  |
| --- | --- | --- |
|  | **Essential Steps for Hyperglycemia** | **Key Points and Precautions** |
| 1) | Check site for leakage, dislodged cannula, redness and/or tenderness at the site. If any of these are present, have student change the site immediately. | Student must assemble equipment, prime tubing, and prep the insertion tool. The cannula can be inserted using the insertion tool to minimize improper insertion. Dispose of insertion needle in a sharps container.  **If student cannot reinsert pump cannula**, parent must be notified to come and change out. |
| 2) | Follow doctor’s orders for hyperglycemia. | Assist student as needed. |
| 3) | Student should check blood glucose 30 minutes after inserting a new infusion set and/or correction bolus to ensure that blood glucose is responding to insulin. | It may be necessary to continue checking blood glucose levels periodically over the next two hours to prevent potential problems. |
| 4) | Discuss with parent and document as needed. | Doctor’s orders will specify blood glucose level to notify parent/guardian. Parent may choose to take student home for further monitoring. |
|  | **Essential Steps for Hypoglycemia** |  |
| 1) | Follow doctor’s orders for hypoglycemia. The student should be knowledgeable regarding actions to take during periods of exercise/activity. | Follow specific doctor’s orders. Student may need assistance if unable to perform necessary steps. |
| 2) | Discuss with parent and document as needed. |  |
|  | **Essential Steps for Pump Alarms** |  |
| 1) | Troubleshoot alarms. | Follow manufacturer’s instructions for alarm indication. A reference card can assist troubleshooting steps or call manufacturer’s toll-free number listed on the back of pump. |
| 2) | Low Battery | Insert new batteries according to instructions. |
| 3) | No Delivery – check reservoir, check cannula.  Low Cartridge – check reservoir. | Student to fill new reservoir if it is empty. If cannula is obstructed or kinked; student must insert new infusion set. |
| 4) | If student is unable to restart pump function, parent/guardian must be notified immediately. | An injection of rapid-acting insulin may be required. Check doctor’s orders. |