

GUIDE TO CGM'S AND TSLIM X2 PUMP

ECARE SCHOOL HEALTH SERVICES

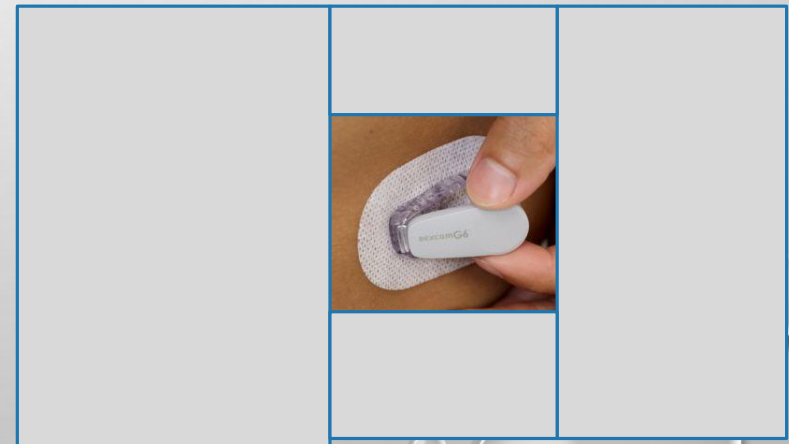
1/2021

CGM'S

- CGM STANDS FOR CONTINUOUS GLUCOSE MONITOR
 - SEVERAL BRANDS EXIST, THIS COVERS INFORMATION ON THE G6
 - THIS BLOOD GLUCOSE (BG) MONITOR REPLACES FINGER POKES, MOST OF THE TIME
 - FINGER POKES MAY STILL BE USED FOR CONFIRMATION IN CASES OF HIGH OR LOW READINGS
- THE CGM SYSTEM CONSISTS OF A SENSOR AND TRANSMITTER THAT IS ATTACHED TO THE SKIN AND A RECEIVER OR SMART DEVICE THAT SHOWS AND STORES THE READINGS

CGM SYSTEM





- READINGS UPDATED EVERY 5 MINUTES
- TREND ARROWS SHOW WHERE BG IS HEADING
- ALARMS AND ALERTS FOR THINGS THAT NEED ATTENTION SUCH AS A HIGH OR LOW BG
- SENSOR IS GOOD FOR UP TO 10 DAYS, TRANSMITTER IS REUSABLE FOR 90 DAYS (UNTIL BATTERY DIES)
 - SENSOR ATTACHES TO STUDENT, TRANSMITTER ATTACHES TO SENSOR



RECEIVER FEATURES



TREND ARROWS

	Glucose is steady. Glucose could increase/decrease up to 1.7 mmol/L in 30 minutes.
	Glucose could increase/decrease 1.7-3.3 mmol/L in 30 minutes
	Glucose could increase/decrease 3.3-5 mmol/L in 30 minutes
	Glucose could increase/decrease more than 5 mmol/L in 30 minutes

- MENU

- CUSTOMIZE SETTINGS
- CALIBRATE
- END SENSOR SESSION
- **THIS IS NOT A TAB THAT WILL BE USED OR ACCESSED IN SCHOOL, UNLESS BY A PARENT**

- EVENTS

- ENTER CARBOHYDRATES
- ENTER INSULIN
- STRESS OR ILLNESS
- EXERCISE

Insulin is not administered from the CGM, this is a monitoring and record keeping tool only.

T-SLIM X2 INSULIN PUMP

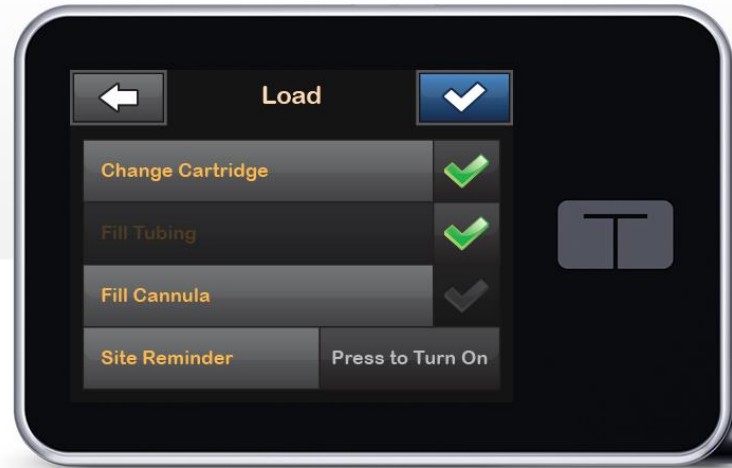
Different delivery modes and options

- CONTROL IQ: CLOSED LOOP SYSTEM ADJUST INSULIN DELIVERY TO PREVENT HIGHS AND LOWS, STILL ALLOWING FOR BOLUS DELIVERY FOR MEALS AND SNACKS.
- MOST COMMONLY USED
- AUTOMATIC INSULIN LEVELS BASED ON G6 READINGS
- AUTOMATIC CORRECTION BOLUSES TO PREVENT HYPERGLYCEMIA
- OPTIONS FOR SLEEP AND EXERCISE MODES
- BASAL IQ: HELP PREDICT AND REDUCE LOW BG EVENTS, IT OPERATES IN THE BACKGROUND WITHOUT CONSTANT INPUT.



T SLIM INFUSION SET

Infusion site: location on the body where a very small, soft tube is inserted and secured.



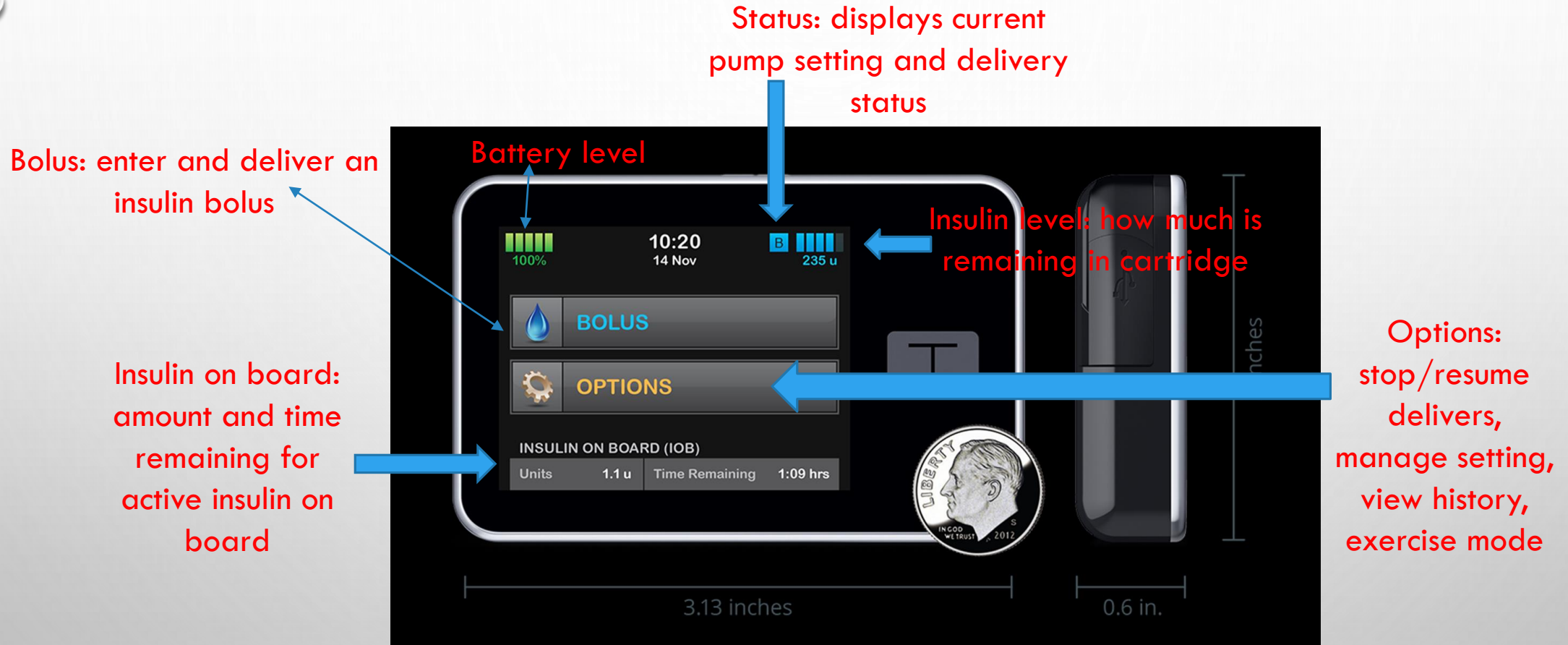
Tubing that goes from the infusion site to the pump and what the insulin travels through from the pump to the patient.



T-lock connector connects the tubing to the pump securely locking together



PUMP FEATURES



REFERENCES

- 11/09/2020. DEXCOM G6 USER GUIDE. RETRIEVED FROM:
[HTTPS://WWW.DEXCOM.COM/GUIDES](https://www.dexcom.com/guides)
- 11/13/2020. T:SLIM INSULIN PUMP USER GUIDE. RETRIEVED FROM:
[HTTPS://WWW.TANDEMDIABETES.COM/DOCS/DEFAULT-SOURCE/PRODUCT-DOCUMENTS/TSLIM-INSULIN-PUMP/TSLIM-USER-GUIDE-\(4-3-2\).PDF?SFVRSN=DA6E39D7_8](https://www.tandemdiabetes.com/docs/default-source/product-documents/tslim-insulin-pump/tslim-user-guide-(4-3-2).pdf?sfvrsn=da6e39d7_8)