

NAME	TITLE	DATE (MONTH/DAY/YEAR)	
Total of 39 Possible Points Passing Score is 39 (100%)	# CORRECT	%	ASSESSED BY NAME/TITLE

Section 1: Tandem t:slim X2 Insulin Pump

1. **What is the minimum amount of insulin needed in the cartridge AFTER the tubing has been filled to complete the load process?**
 - a. 25 Units
 - b. 50 Units
 - c. 75 Units
 - d. 95-120 Units

2. **What is considered a best practice for charging the t:slim X2 insulin pump?**
 - a. Allow the pump battery to fully deplete and then charge to 100%
 - b. Charge the pump for a short period of time (10 to 15 minutes) every day
 - c. Charge the battery overnight
 - d. Only charge the pump when disconnected from the infusion site

3. **True or False: After a cartridge change, the Insulin Level Indicator on the pump home screen displays an estimate of the amount of insulin in the cartridge as depicted by a + sign in front of a preset number. After ten (10) units have been delivered, the plus + sign will disappear, and the insulin level will display.**
 - True
 - False

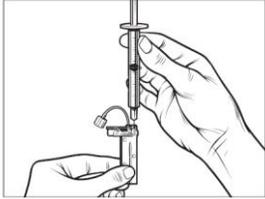
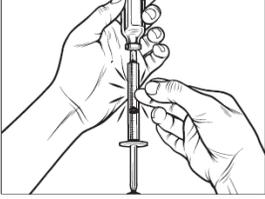
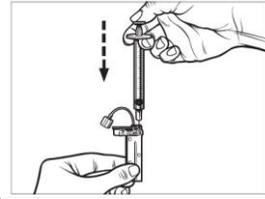
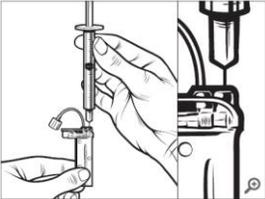
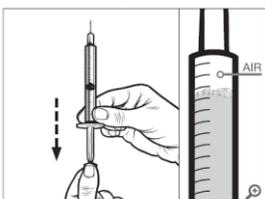
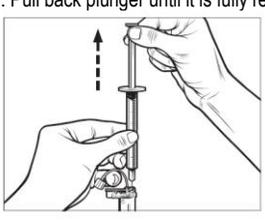
4. **If a user taps “Bolus” but does not complete/deliver a bolus or does not use the back arrow to return to the home screen, what will happen?**
 - a. Basal delivery will stop
 - b. The user will get an Occlusion Alarm
 - c. The user will get an Incomplete Bolus Alert
 - d. The battery will drain quickly

5. **True or False: To cancel or stop a bolus, tap the red X to the right of “Bolus”. If bolus delivery has started, tap “yes” to confirm stopping the bolus. The “Units Requested” and the “Units Delivered” will be displayed.**
 - True
 - False

6. **A patient receives a second occlusion alarm shortly after the first, and all insulin delivery has stopped. What is the first action that should be taken?**
 - a. Ignore the alarms if glucose level is not >250 mg/dL
 - b. Check glucose level and change infusion set and cartridge as there may be a blockage in the system
 - c. Give an insulin injection immediately
 - d. Disconnect from pump and call HCP

7. **The Tandem t:slim X2 is an updatable pump. What does this mean?**
 - a. Tandem will send a new insulin pump free of charge when requested by patient
 - b. The patient must call Tandem every 3 months to ask for software updates
 - c. Patients will be notified by email when new software is available, will be directed to Tandem Source to complete new feature training, and will update software via the Tandem Source Updater
 - d. The pump keeps you updated on your current sensor glucose level

8. Put the steps in order to properly complete the Cartridge Fill process:
(Illustrations do not include EVERY step)

	Steps of Cartridge Fill
<p>_____</p>	<p>a. While the needle is still in the cartridge, release the plunger and allow it to come to a neutral position.</p> 
<p>_____</p>	<p>b. Fill the syringe with insulin and remove air bubbles from syringe</p> 
<p>_____</p>	<p>c. Insert syringe into cartridge, maintain pressure on the plunger and fill cartridge slowly.</p> 
<p>_____</p>	<p>d. After filling the syringe with insulin, insert needle (for the first time) in the white fill port of the cartridge.</p> 
<p>_____</p>	<p>e. Remove syringe from cartridge, turn it with needle facing upward and press on plunger to slowly remove air</p> 
<p>_____</p>	<p>f. Pull back plunger until it is fully retracted to remove air from cartridge</p> 

Section 2: Tandem Mobi System

9. What is the minimum amount of insulin needed in the cartridge AFTER the tubing has been filled to complete the load process in Tandem Mobi pump?

- a. 25 units
- b. 30 units
- c. 40 units
- d. 50 units

10. Match the Pump Status light on the left with the correct description on the right.

 _____	A. Pump alarm or malfunction
 _____	B. Basal rate delivery
 _____	C. Pump or CGM Alert
 _____	D. Insulin delivery manually stopped
 _____	E. Bolus delivery

11. How can a bolus be initiated with the Tandem Mobi system?

- a. Using the bolus calculator in the Tandem Mobi app
- b. Using the pump button on the Tandem Mobi pump to deliver a quick bolus
- c. Entering an override bolus using the bolus calculator in the Tandem Mobi app
- d. All the above

12. Which of the following are requirements for to use the Tandem Mobi pump?

- a. Internet connection
- b. Cellular service
- c. Bluetooth connection
- d. All the above

13. The Tandem Mobi pump has an IP rating of 28, which means it is water resistant for up to ___ feet for ___ hours.

- a. 8, 2
- b. 3, 30
- c. 5, 12
- d. None of the above

14. Which of the following is NOT true about the Tandem Mobi pump?

- a. Turning on phone push notifications is recommended
- b. The Tandem Mobi pump is a disposable pump
- c. If enabled, the pump button can snooze alerts and alarms
- d. Phone security must be programmed prior to starting on the Tandem Mobi pump

15. If the Tandem Mobi pump and mobile app became disconnected while a bolus is being delivered, how would a user stop the infusion of insulin?

- a. Disconnect from the infusion set
- b. Stop delivery via the Tandem Mobi app
- c. Push and hold the pump button on the Tandem Mobi pump
- d. All the above

16. True or False: An Extended Bolus can be initiated in the Tandem Mobi mobile app.

- True
- False

17. True or False: To update software on the Tandem Mobi pump the user will go to the Pump Software Update screen in the Tandem Mobi mobile app, do new feature set training in Source, and then complete the update within the app?

- True
- False

18. True or False: When the Insulin Level Indicator on the app displays LOW, there is an estimated 5 units or less left in the cartridge, so the patient should plan to change the cartridge soon.

- True
- False

Section 3: Continuous Glucose Monitor (CGM)

19. Which is NOT an effective strategy to optimize connection between the pump and CGM:

- a. Wear pump and CGM on the same side of the body
- b. Set Out of Range Alert to "On" for 20 minutes
- c. Wear the t:slim X2 pump screen facing the body
- d. Keep pump and CGM no more than 20 feet from each other

20. What does it mean if this icon is displayed on the pump or mobile app screen?



- a. A CGM sensor session is active, but CGM and pump are out of range
- b. The CGM sensor session has expired
- c. The CGM session is in startup period
- d. A BG calibration must be entered

Section 4: Control-IQ+ Technology

21. Control-IQ+ will increase the basal rate:

- a. When the sensor glucose is predicted to be >160 mg/dL in the next 30 minutes
- b. When the sensor glucose reaches 160 mg/dL
- c. When sensor glucose is predicted to be >180 mg/dL in the next 30 minutes
- d. When the sensor glucose reaches 180 mg/dL

22. True or False: Control-IQ+ will not modulate insulin above the Basal Limit setting?

- True
- False

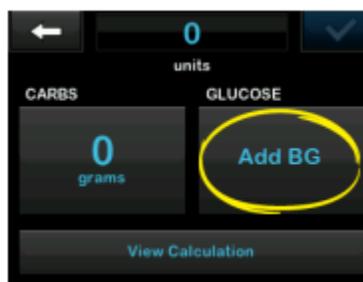
23. When Control-IQ+ is turned on, what is the target BG for all bolus calculations?

- a. 112.5 mg/dL
- b. 110 mg/dL
- c. 120 mg/dL
- d. 140 mg/dL

24. When Control-IQ+ is turned on, what basal rate will be delivered when glucose levels are predicted to be between 112.5-160 mg/dL?

- a. The Basal Limit will be delivered
- b. The basal rate will be increased from the programmed rate
- c. Programmed basal rate
- d. 50% of the programmed basal rate will be delivered

25. On the picture below of the Control-IQ+ enabled pump bolus screen, why would the box on the right not have a glucose level displayed?



- A. The Tandem insulin pump does not have a CGM signal
- b. There is no CGM trend arrow on the Tandem insulin pump/app
- c. There is no CGM data being received by the Tandem insulin pump
- d. All of the above

26. What is required for Control-IQ+ to work?

- a. Control-IQ+ turned On with Total Daily Insulin (TDI) and Weight entered
- b. Complete Personal Profile with Carbs turned On
- c. Active CGM sensor session with a CGM value and trend arrow
- d. All of the above

27. In the picture below, why was basal delivery not stopped when the glucose level was below the red line?



- a. The sensor glucose levels were expected to rise
- b. The sensor was in the warmup period
- c. Control-IQ+ was not turned on, indicated by no grey diamond in the left corner
- d. The pump suspended, however the user resumed insulin

28. Match the Control-IQ+ Alert on the left with the correct notification screen on the right.

<p>Control-IQ Low Alert (51T) _____</p>	<p>A</p> <p>Control-IQ has increased your insulin, but your sensor readings remain above 200 mg/dL.</p> <p>Check your cartridge, tubing and site, and test your BG.</p> <p>OK</p>
<p>Control-IQ High Alert (50T) _____</p>	<p>B</p> <p>Control-IQ is currently unavailable and your regular basal rate has been set to 0.0 u/hr.</p> <p>Control-IQ will resume when your sensor is back in range.</p> <p>OK</p>
<p>Out Of Range Alert (34C) _____</p>	<p>C</p> <p>Control-IQ has predicted that you will drop below 70 mg/dL in the next 15 minutes.</p> <p>Eat carbs and test your BG.</p> <p>OK</p>

29. What does the red shaded area on the pump home screen indicate?



- a. The basal rate was decreasing
- b. The basal rate was increasing
- c. The basal rate was stopped
- d. An autocorrection bolus was delivered

30. True or False: When Control-IQ+ is turned On a Temp Basal rate cannot be programmed.

- True
- False

31. True or False: When Control-IQ+ is turned On an Extended Bolus can be programmed for up to 8 hours?

- True
- False

32. Profile Settings Calculator can be used for which of the following scenarios? (select all that apply)

- a. U-100 analog insulin only
- b. Users on multiple daily injections (MDI)
- c. Both U-100 analog insulin and non U-100 analog insulin
- d. Users currently on insulin pump therapy (IPT)

Section 5: Tandem Mobile Apps (for both t:slim X2 and Tandem Mobi)

33. What is required to connect the pump to the mobile app? (select all that apply)

- a. Enable WiFi
- b. Enable Bluetooth in the pump
- c. Enable Bluetooth on the mobile device
- d. All of the above

34. What is a best practice with Tandem mobile apps?

- a. Force quit/close the app everyday
- b. Open the app only when a patient is at healthcare provider's office
- c. Keep the app open in the background to keep data automatically uploading to the cloud
- d. Interact with the app every month to keep data automatically uploading to the cloud

35. Where is the first place a user should go for Tandem mobile app support?

- a. The t:slim X2 or Tandem Mobi User Guide
- b. www.tandemdiabetes.com/mobilesupport
- c. Call Customer Technical Support
- d. The App Guide in the Tandem mobile app

36. The App Guide:

- a. Is found by tapping "Settings" then "Help," is always up to date, and is available offline
- b. Is a resource for app troubleshooting
- c. Provides steps for getting started, including Smartphone set up
- d. All of the above

37. True or False: If the pump and mobile device lose Bluetooth connectivity AFTER a mobile bolus delivery has started, the bolus will automatically be canceled.

- True
- False

38. What security setting is required to be able to deliver a bolus feature with a Tandem mobile app?

- a. Voice recognition technology
- b. Device passcode or facial identification
- c. Find my phone feature
- d. All of the above

39. True or False: The Correction Bolus toggle (circled below) allows the user to accept or decline a recommended correction bolus. If the glucose entered is <70 mg/dL, the Correction toggle will not be available.



- True
- False