Practical Application of Tandem Pump Features for School Nurses

Alyssa Thomas, RD, CDE & Brook Rollins

Rx ONLY. The material provided in this presentation is for educational and training purposes only, is general in nature, and is not intended to replace the medical advice of your doctor or healthcare provider. You are encouraged to seek advice from a competent medical professional regarding the applicability of any recommendation with regard to your symptoms or condition. It is important that you do not reduce, change or discontinue any treatment without first consulting your healthcare provider. Individual examples are for illustration purposes only. Individual symptoms, situations, circumstances and results may vary. The information in the presentation is a summary only. Please consult the User Guide for your product for complete instructions regarding the features described herein.
t:simulator™ App

Experience the simplicity of Tandem pumps on your iOS or Android device.

- Free app simulates Tandem Pump interface
- Optional “Tool tips” walk through key features
- Contact a Tandem Diabetes Care representative from within the app

TO DOWNLOAD APP:
Text DEMO to TANDEM (826336)
So green.

Tandem pumps are the only pumps with rechargeable batteries.

- Quickly charge without interrupting insulin delivery or losing settings
- Charge from the wall, car or a computer
- Uses standard micro-USB connector
- Full charge lasts:
  - t:slim/t:slim X2 = 7 days
  - t:slim G4 = 5 days
  - t:flex = 3 days

No more throwing away expensive disposable batteries.
Unlocking the screen...easy as 1, 2, 3
Simple bolus dosing.

Goodbye scrolling.

- Keypad entry
- Integrated bolus calculator
- Enter carbs only
- Enter BG only
- Enter carb and BG for meals
Now let’s program a bolus...
Extended Bolus lets you deliver *all* or *part* of your food bolus over an extended period of time.

- Determine how much of the food bolus you want delivered immediately, and how much you want extended over time.
  - Extend from 0 to 100% of bolus
  - 15 minutes to 8 hours
- Can be used when:
  - Want a slow infusion of your food bolus over time
  - High protein and/or high fat meal
  - Large meal
  - Eating over an extended period of time
  - Aren’t sure if you want to eat the entire meal (can cancel portion of bolus not yet delivered)
Extended Bolus

To use:

• Select Extended after entering grams of carbs or units of insulin and before selecting Deliver (see your Tandem Pump User Guide)
• Tap NEXT to continue
Extended Bolus

To use:

- Tap NEXT to use default settings or tap DELIVER NOW and DURATION and set your desired values, then tap NEXT to continue.
- Your Tandem Pump will then calculate the amount to DELIVER LATER.
Temporarily increase or decrease your basal rate over a specified period of time:

- 0% to 250%
- 15 minutes to 72 hours
- Regular basal rate automatically resumes after temp rate expires
- When to use:
  - For changes in normal activity
  - While taking certain medications
  - After severe hypo- or hyperglycemia
  - Before, during, and after exercise
  - During periods of stress or illness
  - For monthly hormonal changes
Temp Basal Rates

To use:

- Identify a time period for temp basal.
- Determine how you would like to change your standard basal delivery.
  - Increase: > 100% (e.g. 120% is 20% more than standard basal rate)
  - Decrease: < 100% (e.g. 80% is 20% less than standard basal rate)
- Start with a 10% to 20% change.
  - Once you can identify a response in blood glucose, make necessary adjustments.
- Start Temp Rate 1 to 2 hours before activity begins.
- End Temp Rate 1 to 2 hours after activity ends.
- Record results for future reference.
Let’s try programming a temp rate…

**Options**

- STOP INSULIN
- My Pump
- My CGM
- Temp Rate

**Temp Rate**

- Temp Rate: 100%
- Duration: 15 min
- View Units
Personal Profiles

With Personal Profiles, you can not only set different basal rates but can also establish different bolus settings by time of day for each profile:

- Create up to six different profiles
- Each customized profile can include:
  - Basal rates
  - Correction factors
  - Carbohydrate ratios
  - Target BG rates
- Name each profile
Navigating Personal Profiles

The instructions below are provided as a reference tool for caregivers who are already familiar with the use of an insulin pump and with insulin therapy in general. Not all screens are shown. For more detailed information on the operation of Tandem’s insulin pumps, please visit www.tandemdiabetes.com/support.

1. Tap OPTIONS.
2. Tap My Pump.
3. Tap Personal Profiles.
4. Tap the name of the Personal Profile to View/Edit.
5. Tap Edit to edit or view your settings.
6. Tap your current settings to view the other segments of your day. Turn ON to activate based calculator.
7. Tap the time segment you wish to edit.
8. Tap Basal, Correction Factor, Carbs Rate, or Target BG to make changes, then tap DONE.
9. Confirm settings: Recent changes appear in orange. Tap YES to confirm.

For more information, please visit www.tandemdiabetes.com. Google Play is a trademark of Google Inc.
Let’s try stopping insulin...
On-screen history makes it simple to manage and track your diabetes.

- Complete insulin delivery history
- Blood glucose entries
- Past alerts and alarms
- Holds up to 90 days
- D= declared alarm
- C= cleared alarm
How do I look back in the pump?
Responding to Alerts/Alarms [!]
Can I lock the pump so the student cannot bolus or make changes to the pump?
CGM Integration

with Dexcom G4® PLATINUM CGM

Programmable High and Low Alert settings

Color-coded trend lines

Trend arrow

Insulin on Board (IOB)
How do I help a student calibrate?

Then it’s as easy as entering the BG value from the meter. If high, will prompt you to do a correction bolus from there.
Love Your Tubing! Disconnecting from the pump

- Standard Luer Lock connection
- Students can choose 90 degree cannula, 30 degree cannula or steel needle
- Easy to disconnect when needed; squeeze tabs together on each side and slide tubing out of infusion set
- Reconnect: slide tubing back in until it *clicks*
Video link: Installing a new cartridge

https://www.tandemdiabetes.com/support/documents-resources
Video link: t:90™ infusion set

https://www.tandemdiabetes.com/support/documents-resources
Video link: t:30™ infusion set

https://www.tandemdiabetes.com/support/documents-resources
Thank You

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