

Tandem Certified Pump Training Program

Endorsed by the ADEA for 12 Continued Professional Development points

Objective:

To have essential and relevant knowledge of the Tandem Insulin Pump and Dexcom CGM system, as integrated with the Tandem pump. This will enable the Healthcare professional (HCP) to have the technical competency to initiate and follow up a person commencing on Continuous Subcutaneous insulin infusion (CSII) and Continuous Glucose Monitoring (CGM) using the Tandem and Dexcom systems.

Criteria:

1. You must have one of the following HCP qualifications and work within your scope of practice as defined by the relevant professional body:
 - Doctor (Endocrinologist, Physician or Registrar)
 - Diabetes Educator (CDE or DNE)
 - Nurse Practitioner (CDE)
2. Education and Training provided by AMSL Diabetes (See Appendix 1):
 - Attend an AMSL Diabetes Pump Training workshop; and/or
 - Individual Training with your local AMSL Diabetes representative
3. Has viewed the online videos and successfully completed the HCP online modules:

Consumer Information Videos:

- I. Getting to Know Your t:slim X2 Pump
 - a. Overview: <https://www.youtube.com/watch?v=gMzCJuGxgD4&t=2s>
 - b. Features: <https://www.youtube.com/watch?v=9lsZ5y-CVII>
- II. Cartridge Fill & Load Process:
<https://www.youtube.com/watch?v=2aj9yqB-AF8&t=16s>
- III. t:slim X2 Insulin Pump - Getting Started with Personal Profiles:
<https://www.youtube.com/watch?v=GUBREm2XJTk&t=2s>
- IV. t:slim Insulin Pump: Delivering a Bolus
<https://www.youtube.com/watch?v=j-oty06us5c&t=6s>

Tandem Updates: HCP Modules

- i. Basal-IQ Technology and Dexcom G6 CGM Update:
https://amsldiabetes.com.au/Clinical_Professionals/story.html
- ii. Control-IQ Technology Update: <https://amsldiabetes.com.au/Control-IQ%20Training%20Modules/HCPs/story.html>



4. Completed Pump Trainer Examination provided by AMSL diabetes and obtain a minimum pass mark of 95%

t:slim with Basal-IQ: <https://www.surveymonkey.com/r/tandemBasallQexam>

t:slim with Control-IQ: <https://www.surveymonkey.com/r/Control-IQ>

Password: Tandem123

After the successful completion of steps 1- 4 a total of 8 ADEA endorsed CPD points will be awarded and AMSL Diabetes will award a certificate of education for the Tandem Insulin pump

5. Complete a minimum of two Tandem pump starts under the observation of an AMSL Diabetes representative. The purpose of the observations is to review the technical training provided and ensure technical competency only. As such additional observations may be required at the discretion of the AMSL Diabetes representative. Clinical education and scope of practice is determined by the clinician's accredited professional body.

After the successful completion of Step 5, an additional 4 ADEA endorsed CPD points will be awarded and AMSL Diabetes will issue a Certified Pump Trainer certificate.

The Pump Trainer can then undertake pump starts for the Tandem Insulin Pump and Dexcom CGM as required (Dexcom Standalone Training is a separate process)

6. When new updates for the t:Slim are launched, HCP's previously certified as a Tandem Pump Trainer must complete the following to maintain current Tandem CPT status:
 - a. Any new modules relating to updated features, detailed in step 2
 - b. Pump Trainer Examination detailed in step 4.

Additionally, it is highly recommended that each HCP completes the updated training course in Step 3, and completes a Tandem pump start under the observation of an AMSL Diabetes representative, every 12 months.

After successful completion of step 6, AMSL will issue a certificate of updated training. As per current ADEA CDE credentialing protocol, 1hr of training can be awarded 1 point (maximum 2 points).

Appendix 1: Training Course Outline

Overview of Pump

- Features
- Device Settings:
 - Display settings; Bluetooth settings; Time and date; Sounds Volume; Security Pin
- CGM (optional for patients)
- Personal profiles
 - Pump settings: Quick Bolus; Max bolus; Basal Limit;
 - Timed settings: Basal; I:C ratio; Correction Factor; Target BG; IOB; Carbohydrate ON/OFF
- Filling and attaching the pump
- Bolusing
- Correction, CHO, Extended
- Temp Basal
- Status Screen
- Pump Reminder
 - Low BG, High BG, After bolus BG, Missed bolus reminder, Set reminder

- Pump Alerts
 - Auto Off, Low insulin
- Alarms
- History

Basal-IQ Technology

Control-IQ Technology

Infusion Sets

- Types available
- Insertion of infusion sets

Resources

Tandem insulin pump (Available for in-person training with your local AMSL Representative)

Presentations

- HCP Training PowerPoint Presentation
- Tandem pump start PowerPoint presentation

Online

- T:simulator App (Android and Apple devices)
- Tandem online modules (as detailed above)
- AMSL diabetes online resources <http://amsldiabetes.com.au/resources/> Includes
 - Tandem User Guide
 - Diasend by Glooko resources



Checklists

- Tandem pump check list

Guides

- Tandem User Guide
- AMSL Diabetes Tandem pump start booklet
- Consumables/ Infusion sets

Examination

- AMSL Diabetes /CGM Exam (detailed above)