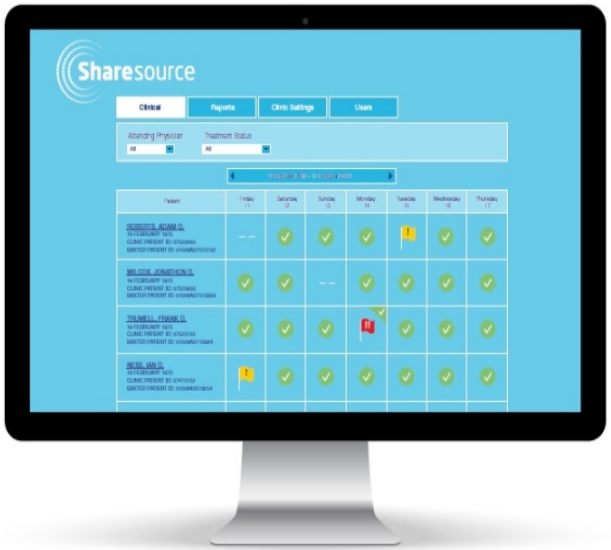
Baxter's Amia APD system



March 25, 2021
Kelli-Ann van Hest
Nurse Clinician
NRGH Home Dialysis Program

Outline

- Current Baxter APD cycler options
  - Home Choice Pro
  - Amia with Sharesource
- Provincial implementation plan
- AMIA key benefits
- Remote management and monitoring
- Patient requirements
- Feedback: Patient/PD clinician
- PD Assist
- Points of emphasis for KCC

APD cyclers

Both cycler platforms will continue to be available

Home Choice Pro: prevalent APD pts

AMIA: incident APD pts

Provincial implementation plan for AMIA

- Phased approach by Health Authority/PD program commenced: 2019
- Full provincial implementation process anticipated to be completed: December 2021
- PD programs who have completed the implementation process to date:
  VGH, IHA, VIHA, ARH
- PD programs left to complete the implementation process:
  RCH, SMH, SPH, UHNBC
- Training time:
  PD clinician: 4 days/clinician
  PD patient : 2 partial days/patient

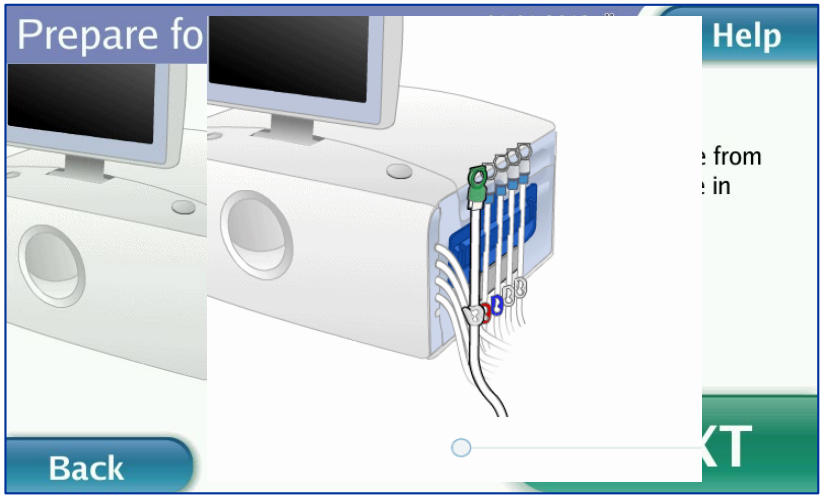
AMIA key benefits

- 40% smaller and 30% lighter than the HOMECHOICE PRO
- Carrying case is designed to be convenient for travel

Key benefits: Ease of Use

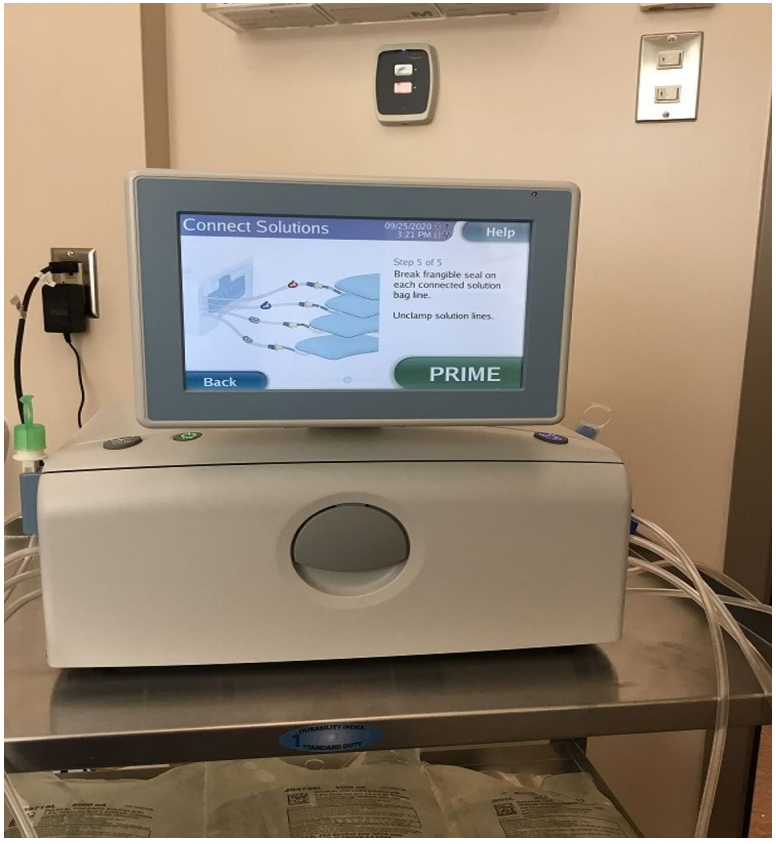
Voice Guided Step-by-Step Animations

- Step-by-Step animations with voice guidance that walk patients through instructions on how to use the device

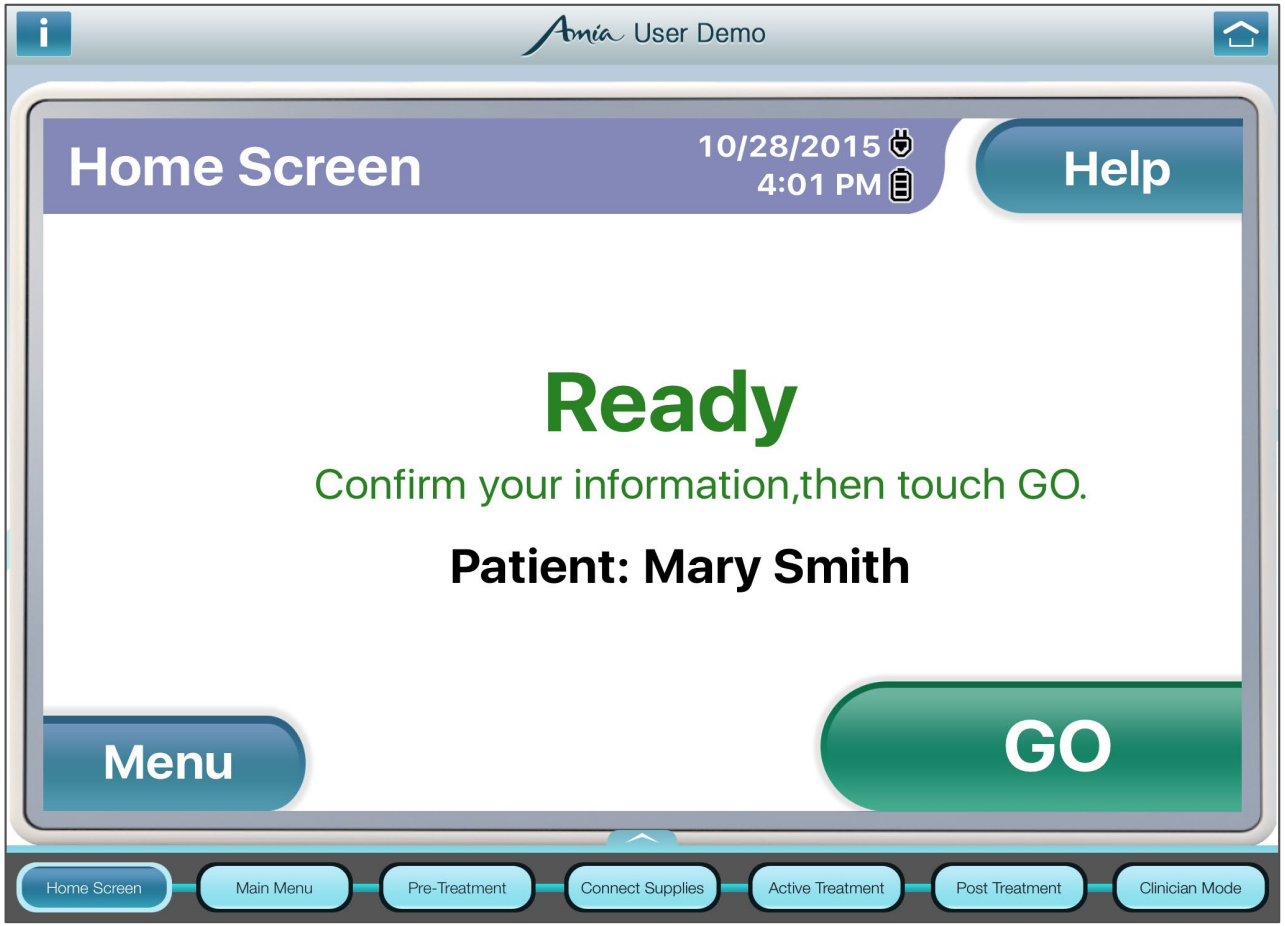


Ease of Use

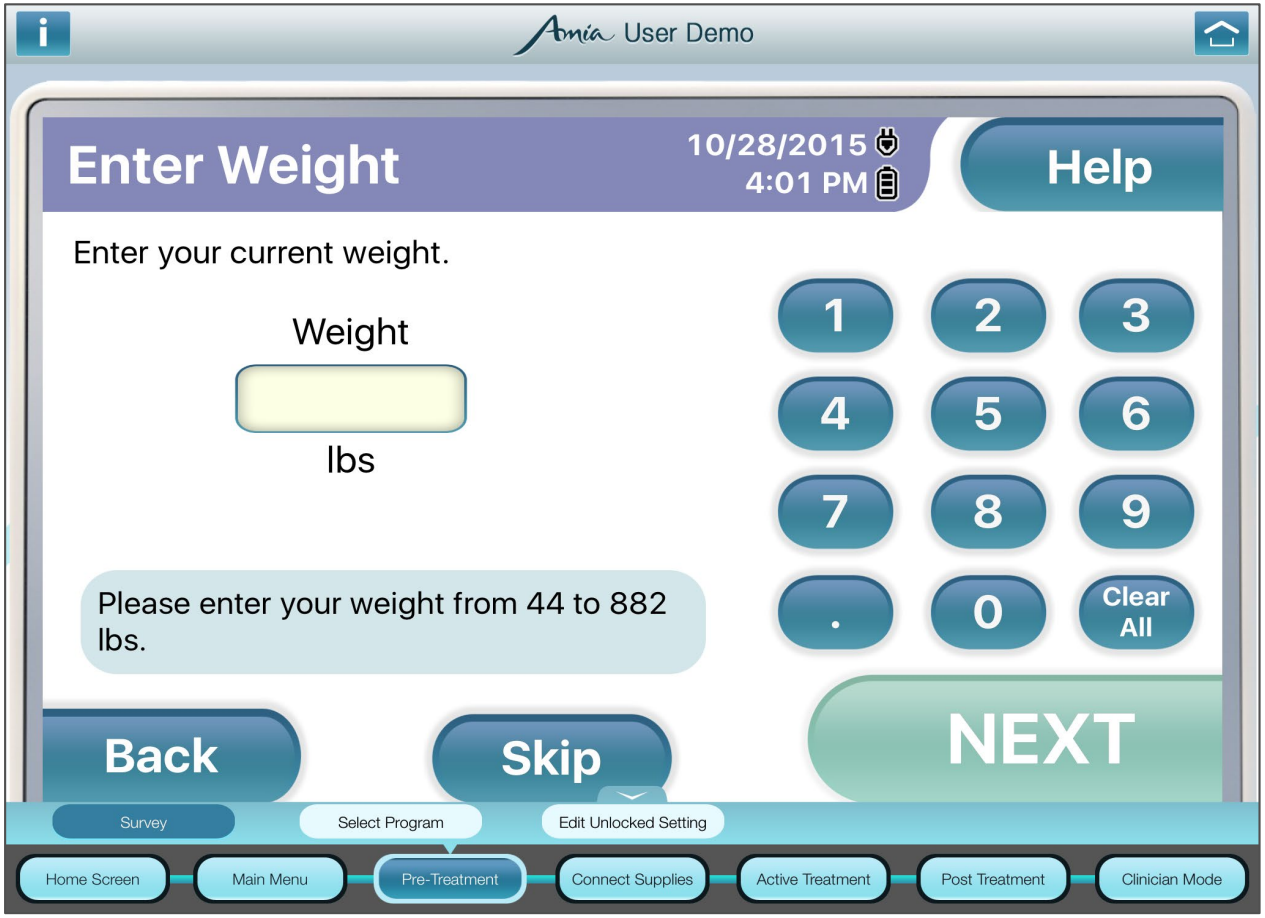
- Touch screen based system with animations and large buttons provide for simple interaction
- Step by Step guides the user through therapy



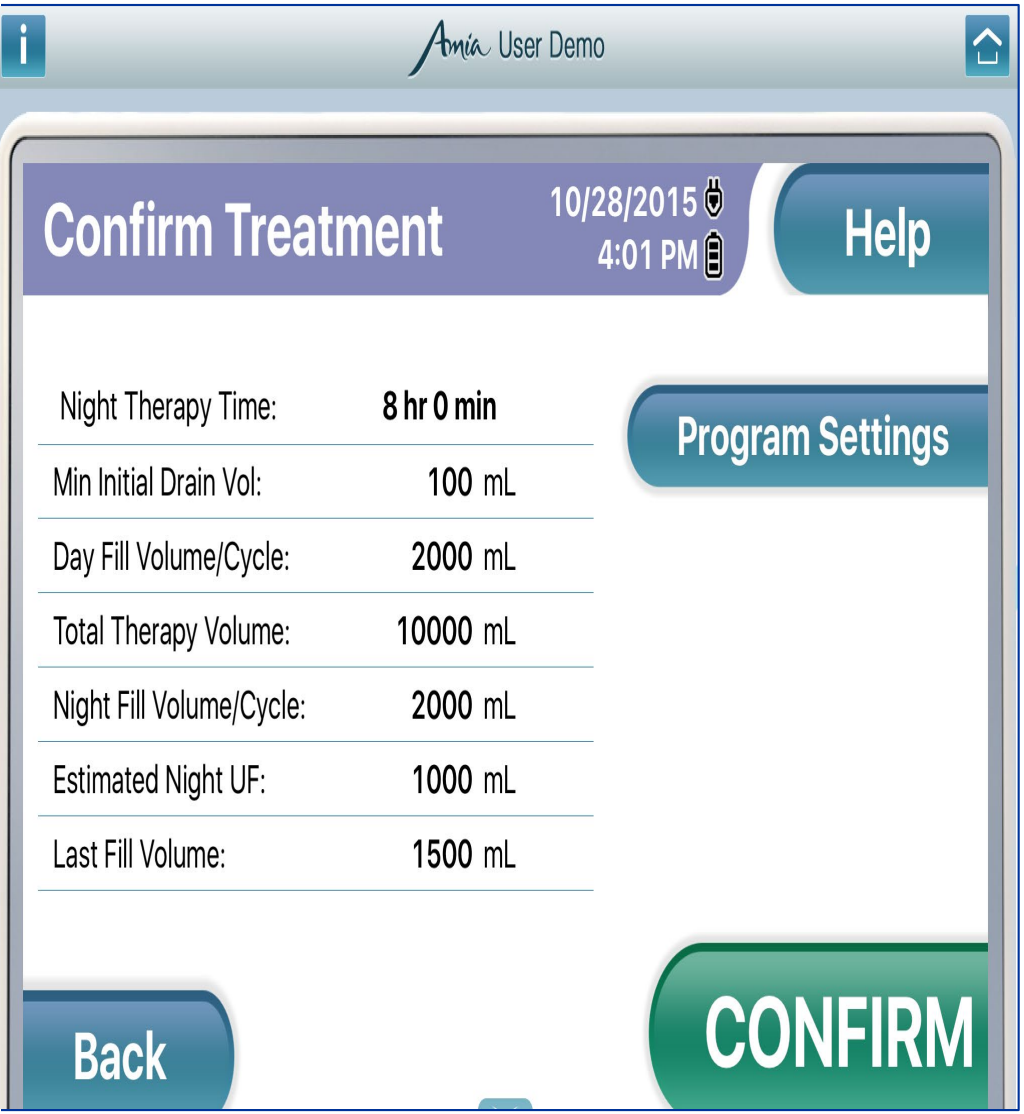
Example of Step By Step Guidance and User Experience

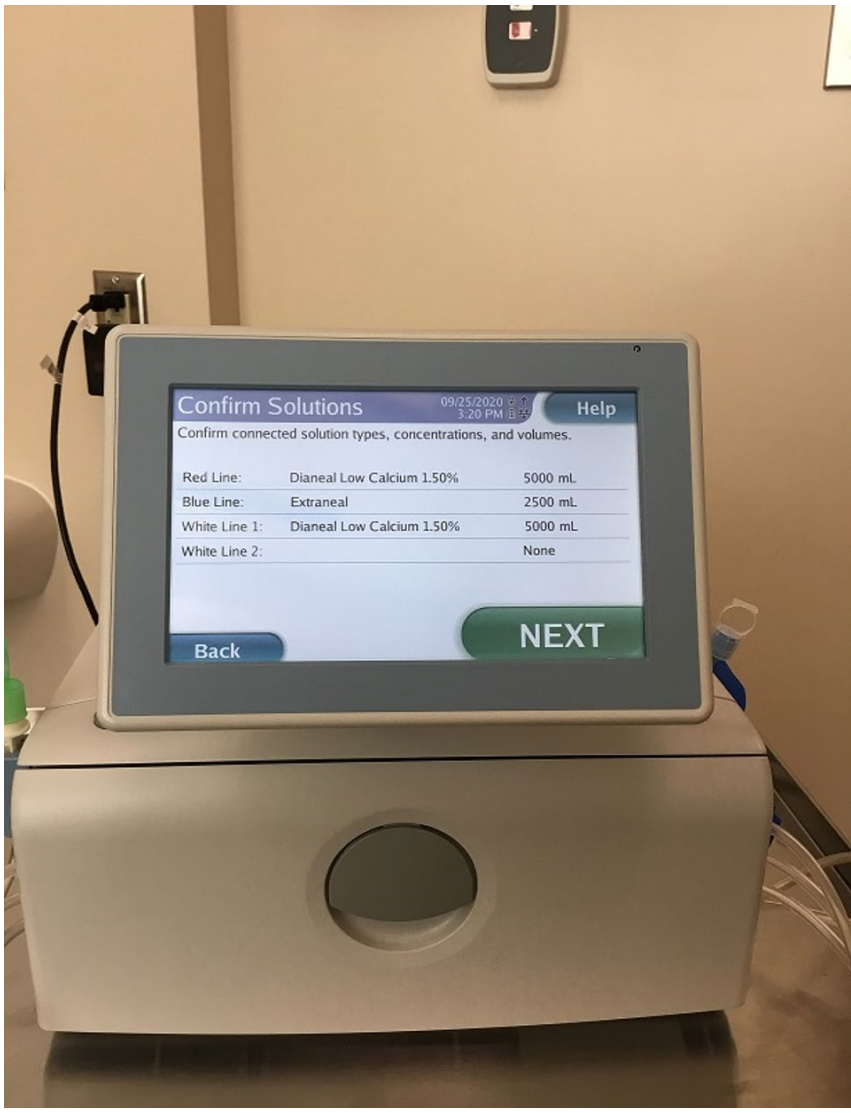


Ability To Enter Patient's Pre-Weight/ BP/ Pulse



Confirm Treatment Selection

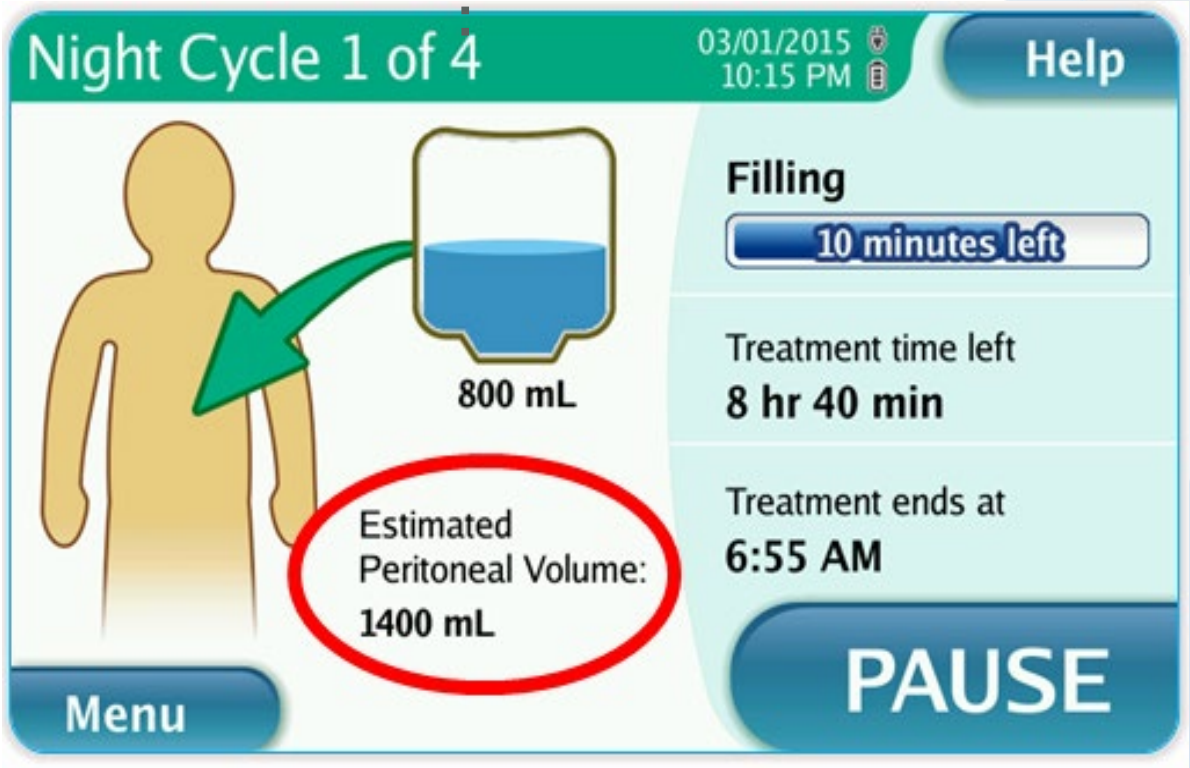




Prepare For Treatment

Prepare for Treatment

During treatment information



Two-way, web-based connection between patients and the PD clinic

- The treatment dashboard provides a snapshot of daily treatment data and cycler settings

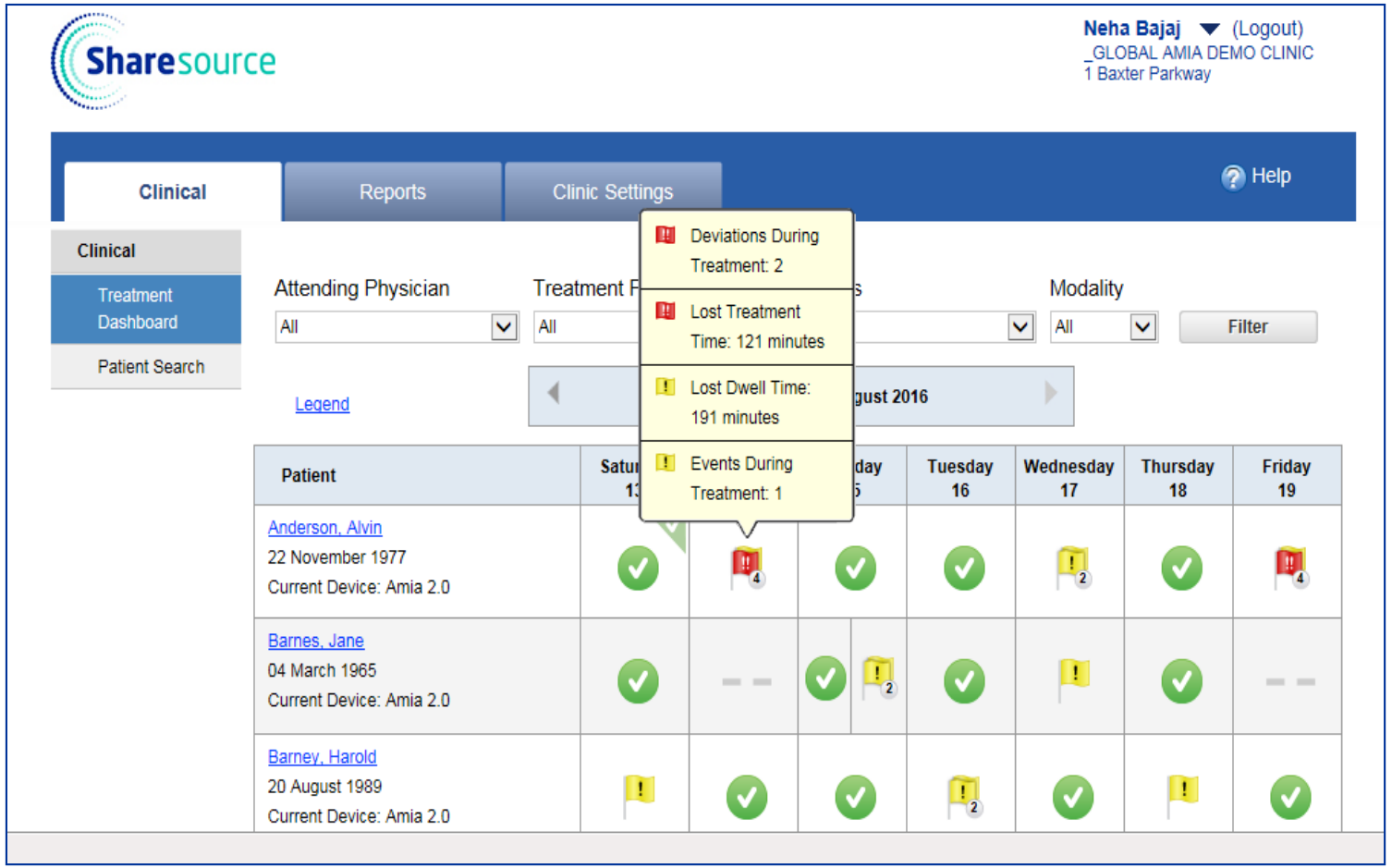
PD program can access historical treatment data

- Assists in tracking issues that may arise during home dialysis treatment
- Standard reports enable clinicians to quickly review historical treatment data

Customizable cycler programs can be adjusted remotely

- The cycler can be pre programmed with 4 different programs (Rx) that can be adjusted remotely

Accessing historical pt treatment data



Changing a patient Rx remotely

- Clinician can review and adjust therapy programs and device settings remotely
- After acknowledgement by patient, new settings will be used in next dialysis session

- clean flat surface large enough to hold the cycler and supply bags
- well lit area
- access to electrical outlet
- access to cell phone connectivity in home for modem use (patient does not require a cell phone)

- Smaller compact size
- Easy set up: audio and visual cues for set up
- Like knowing that the PD staff can see their treatment results on line at any time
- Feel more confident going home following PD training knowing that the PD staff can see their treatment results
- Feel reassured that the PD staff can quickly recommend treatment changes using Sharesource
- Like that their prescription can easily be changed remotely
- Some report calling the clinic less often because they knew that the PD staff would call if they noticed something using Sharesource that required attention

- Ease of use
- Weight/size
- Increases patient confidence and comfort knowing that the PD program can review data
- Increases staff confidence post pt training knowing that Amia will walk/talk the pt through step by step
- Sharesource data provides valuable info to assist in trouble shooting patient scenarios and proactively responding to patient issues
- Telephone follow up discussions between patients and clinic are more focussed with the addition of data from Sharesource
- Changing Rx remotely: easy

Objective: To provide PD Assist to all eligible patients on either HC Pro or AMIA

- Primary target: incident PDA referrals
- Prevalent PDA pts will likely stay on HC Pro

- Timeline: Nurse Next Door caregiver training to be coordinated with PD program AMIA implementation
- VGH and SPH: completed
- VIHA: completed
- KGH: TBD end of March
- KBRH: TBD end of March
- FHA: TBD May
- UHNBC: TBD year end 2021

- Target patient population: incident patients starting APD in programs that have completed AMIA implementation
- Remote monitoring capability allows easy access to patient data and Rx changes
- Requires cell phone signal to be available in the patient home
  - Cell phone is not required
- Pt must consent to have their treatment data stored out of the country
- Touch screen with visual audio cues makes it user friendly
  - Patient must be assessed as suitable for PD using current program criteria
- Size makes it convenient for travel
  - travel case available for loan
- Patient can record BP and weight on the cycler and not rely on hand written log records
- PD assist is/will be available to support both AMIA and HC Pro by year end