Urgent Training with the Tablo Hemodialysis System in Response to COVID-19

Michael Aragon, MD¹, Michelle Gilliland, MSN¹, Marc Maynard, LPN¹

¹ Outset Medical, San Jose, CA
BACKGROUND:

• During the COVID-19 pandemic, many facilities experienced dialysis resource shortages of specialized dialysis staff, sterile dialysate, dialysis systems, and dedicated treatment space.

• The Tablo® Hemodialysis System was deployed in numerous hospitals to help meet the increased need for dialysis delivery.

• Tablo is an all-in-one, easy-to-learn system indicated for clinic, hospital and home settings. Features include integrated water purification, on demand dialysate production, simplified user interface and two-way wireless connectivity. Tablo’s clinical versatility and simplicity allow for broad prescribing and treatment options.
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OBJECTIVE:

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METHODS:

• Standard training with Tablo (< 4 hours) was performed during the initial COVID surge months of March through May at 51 facilities.

• Information regarding nursing experience and current role was recorded.

• Nursing staff surveys were obtained post training.

• Based on a Likert scale ranging from Strongly Agree to Strongly Disagree, respondents rated their satisfaction with training, system ease of use, and confidence performing dialysis independently post training.

CONTACT FOR CORRESPONDENCE:
Michael Aragon, MD · maragon@outsetmedical.com
RESULTS:

- Of 926 clinicians trained, 854 were registered nurses (RNs).
  - A representative sampling of 136 nurses completed the post training survey (49% ICU, 35% HD, 11% Non-ICU/Non-HD).
- Overall satisfaction with training across all nurses surveyed was 98%.

Figure 1: Replies to question “I am Satisfied with my Tablo Training”
RESULTS:

- Overall rating for Tablo’s ease of learning and use was 94%.
- Overall confidence treating with Tablo independently after standard training was 83%.
- Responses were similar across all years of nursing experience.

**Figure 2: Replies to question “I Found Tablo Easy to Learn and Use”**

- HD: 89% Strongly Agree, 11% Agree
- ICU: 52% Strongly Agree, 42% Agree, 6% Neutral
- Non-HD / Non-ICU: 75% Strongly Agree, 20% Agree, 5% Neutral

**Figure 3: Replies to question “I am Confident Treating with Tablo Independently”**

- HD: 65% Strongly Agree, 22% Agree, 13% Neutral
- ICU: 35% Strongly Agree, 42% Agree, 14% Neutral, 8% Disagree
- Non-HD / Non-ICU: 45% Strongly Agree, 55% Agree
CONCLUSION:

• During the pandemic, after standard Tablo training (<4 hours), Nurses of varied experience and areas of focus reported high levels of satisfaction with their training, found Tablo easy to learn and use, and were confident in treating patients independently.

• Survey results were similar between Dialysis and Non-Dialysis Nurses.

• The Tablo Hemodialysis System can allow training of a wide range of staff to efficiently expand a facility’s renal replacement capabilities.
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