

# Designing Memorability and Learnability into Dialysis: Extended Training Decay Periods in a Human Factors Evaluation of the Tablo Hemodialysis System



Lim B, Sureshbabu K, Edson E, Wazny JH, D'Alessandri-Silva C, Schumacher J, Aragon MA



## Study Overview

- Human factors evaluation of the Tablo, in which extended training decay periods of up to 28 days were utilized
- Goal: Measure the performance of Tablo's learnability and memorability
- N=15 (HCPs: renal nurses and dialysis technicians)
- 14 of 15 HCPs had no prior experience with Tablo; Training decay periods of 1-3 weeks



## Key Results

- 16 days (min = 9 days, max = 28 days) training decay average for HCPs
- 13 days (min = 6 days, max = 25 days ) training decay average for patient/care partner pairs
- 100% of participants reported confidence in Tablo's safety and efficacy, and in their ability to remember learned activities



## Conclusion

- ✓ The hemodialysis system is learnable and memorable for professional users and first-time home users
- ✓ First-time home users even, after extended training decay periods, report memorability well beyond actual use (up to 28 days)
- ✓ Tablo can be used safely and effectively after long decay periods