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

Michael Aragon, MD[1], Michelle Gilliland, MSN[1], Marc Maynard, LPN[1]
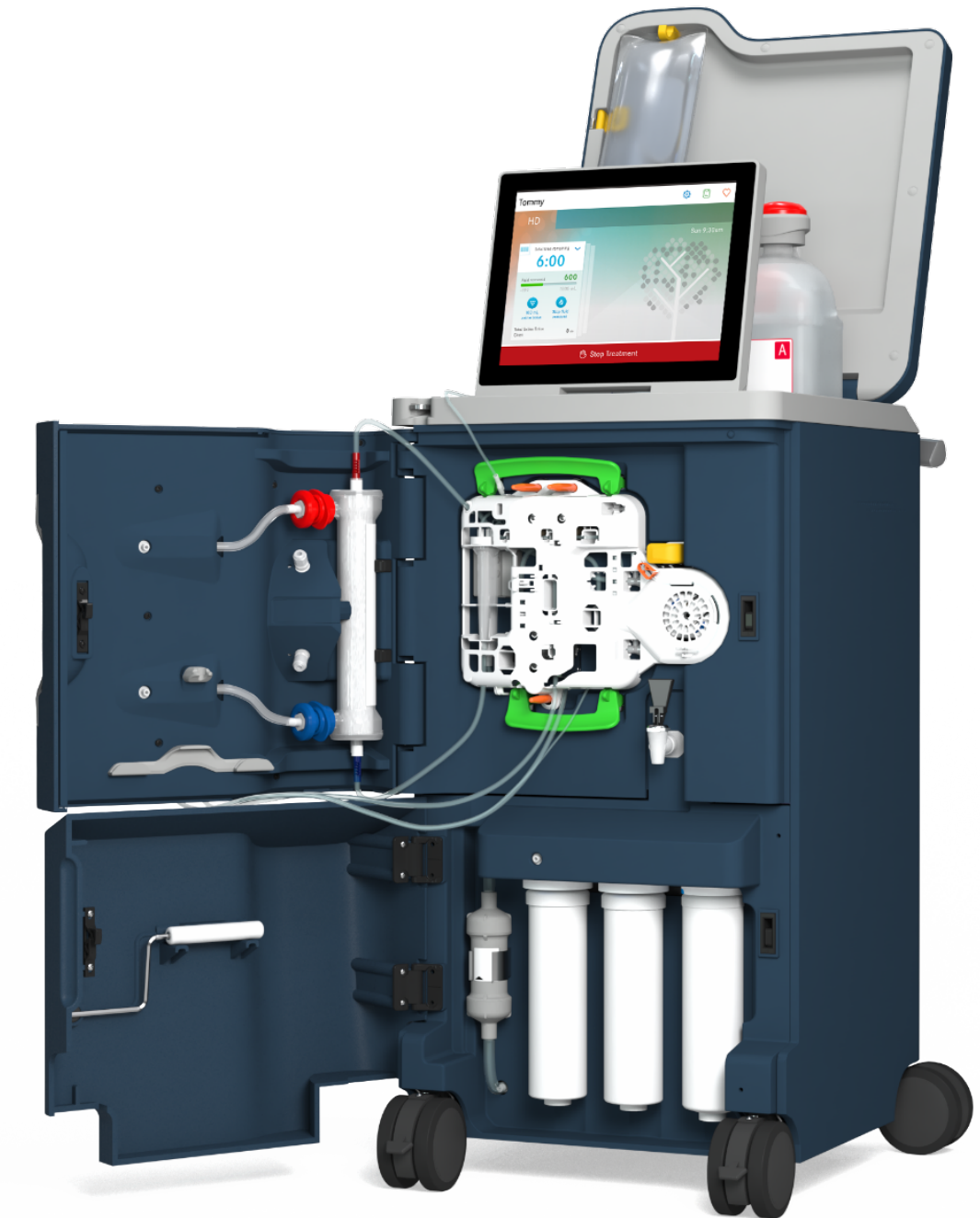
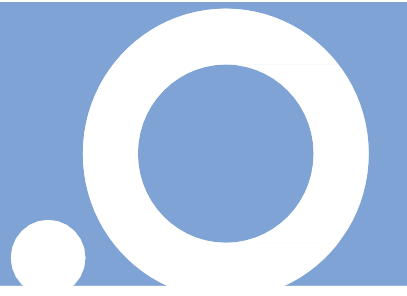1 Outset Medical, San Jose, CA

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 hospitrals 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.

OBJECTIVE:

- Report on the effectiveness of Nurse training on the Tablo System during urgent deployment amidst the COVID-19 pandemic.

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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.
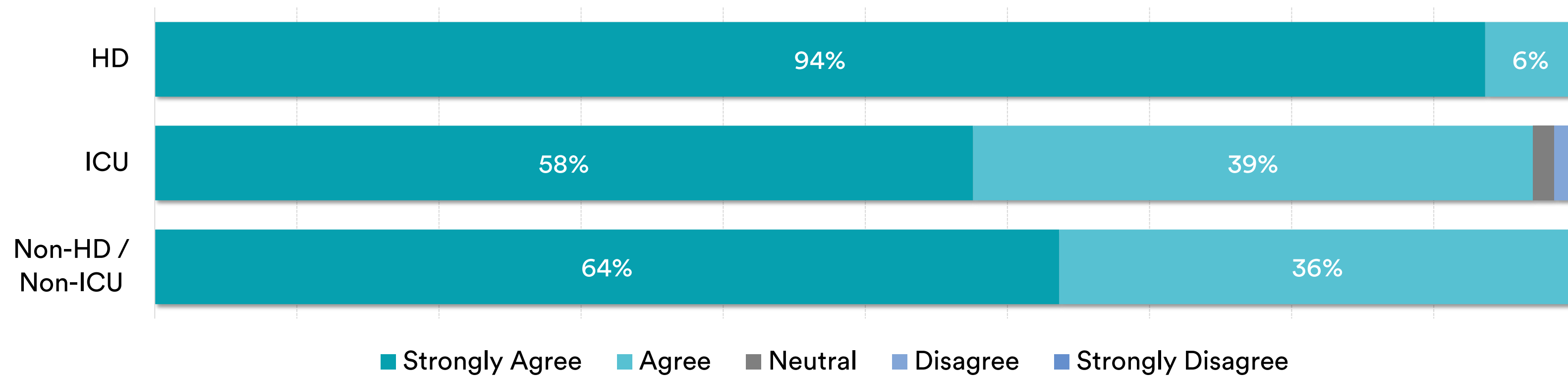
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RESULTS:

- 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"

Legend: ■ Strongly Agree ■ Agree ■ Neutral ■ Disagree ■ Strongly Disagree

Group	Strongly Agree	Agree
HD	94%	6%
ICU	58%	39%
Non-HD / Non-ICU	64%	36%

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.

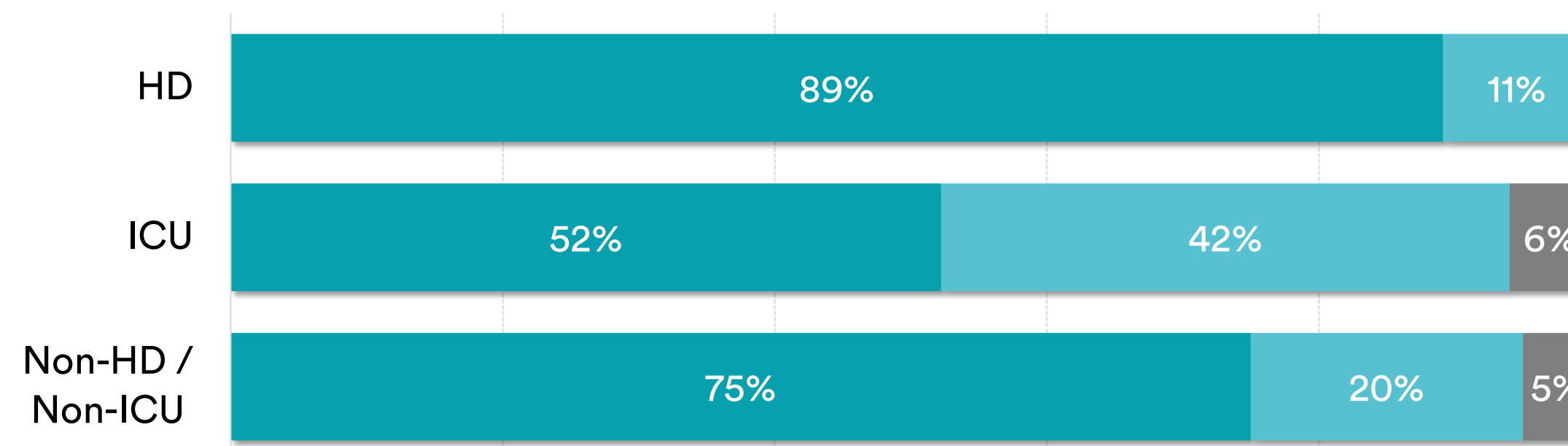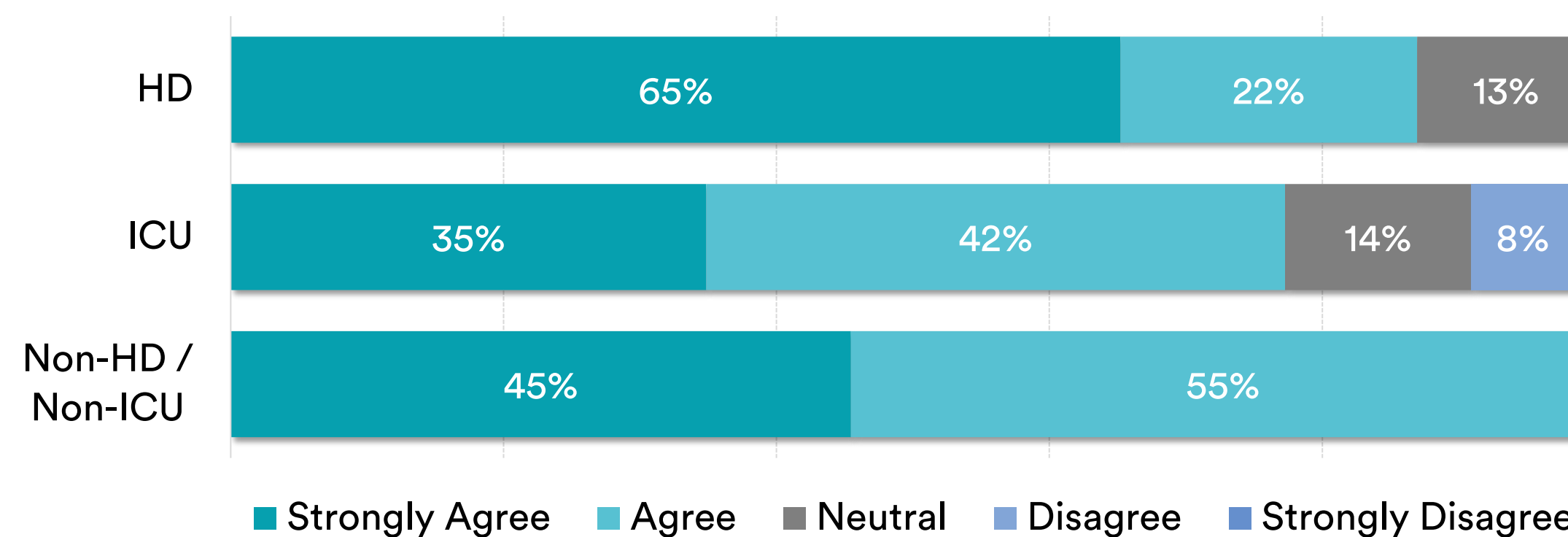**Figure 2: Replies to question** "I Found Tablo Easy to Learn and Use"

Figure 3: Replies to question "I am Confident Treating with Tablo Independently"

Legend: ■ Strongly Agree ■ Agree ■ Neutral ■ Disagree ■ Strongly Disagree

CONTACT FOR CORRESPONDENCE:
Michael Aragon, MD · maragon@outsetmedical.com
DOC-0006267 Rev 02

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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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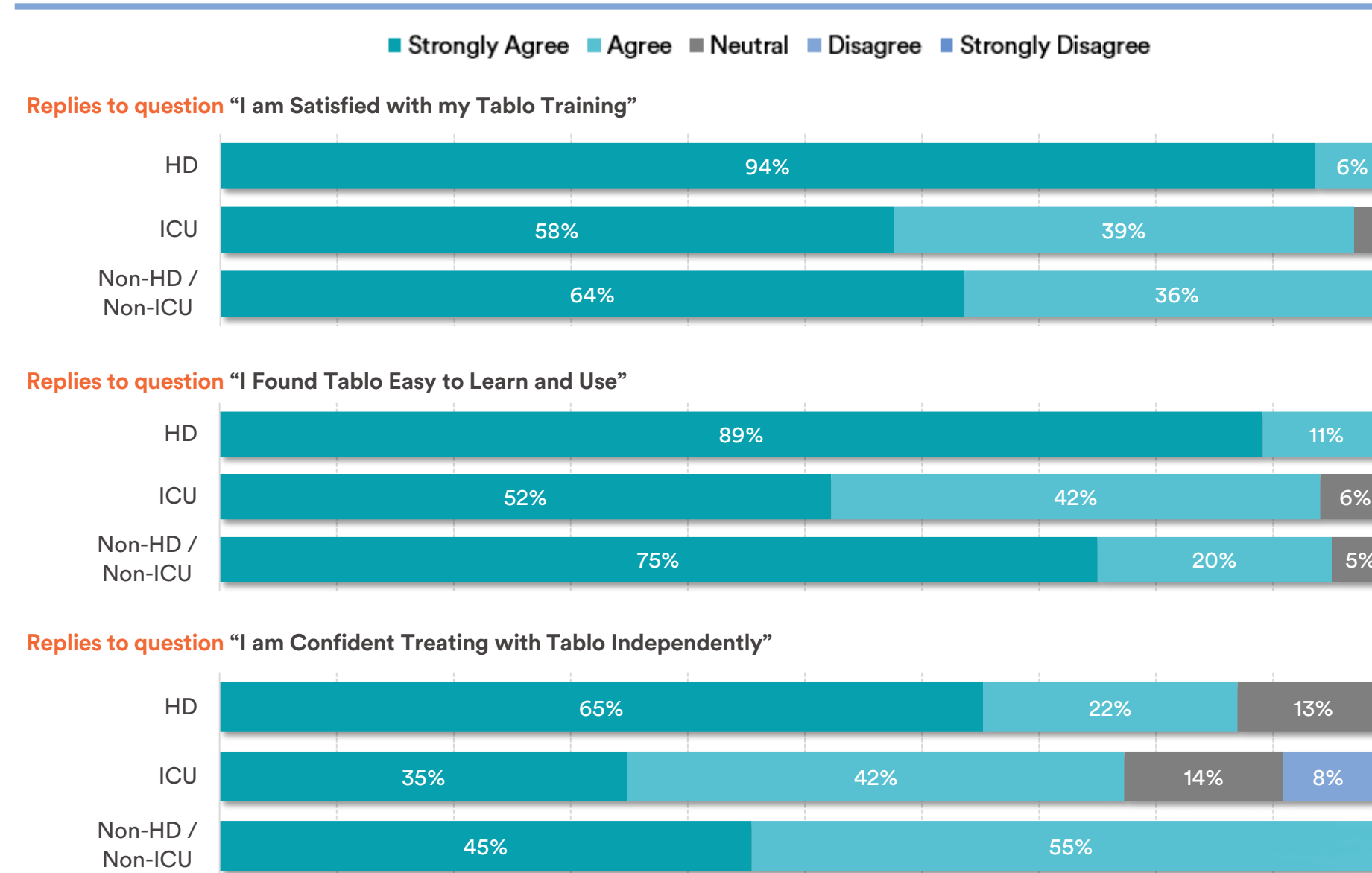
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Figure 1: Likert Scale Results

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Tablo®
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