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Background

- Systems-based practice is an ACGME Core Competency that entails:
 - “[working] effectively in various health care delivery settings and systems”
 - “[working] in interprofessional teams to enhance patient safety and improve patient care quality”
- Delayed discharges are costly to health care systems and harmful to patients¹

Learning Objectives

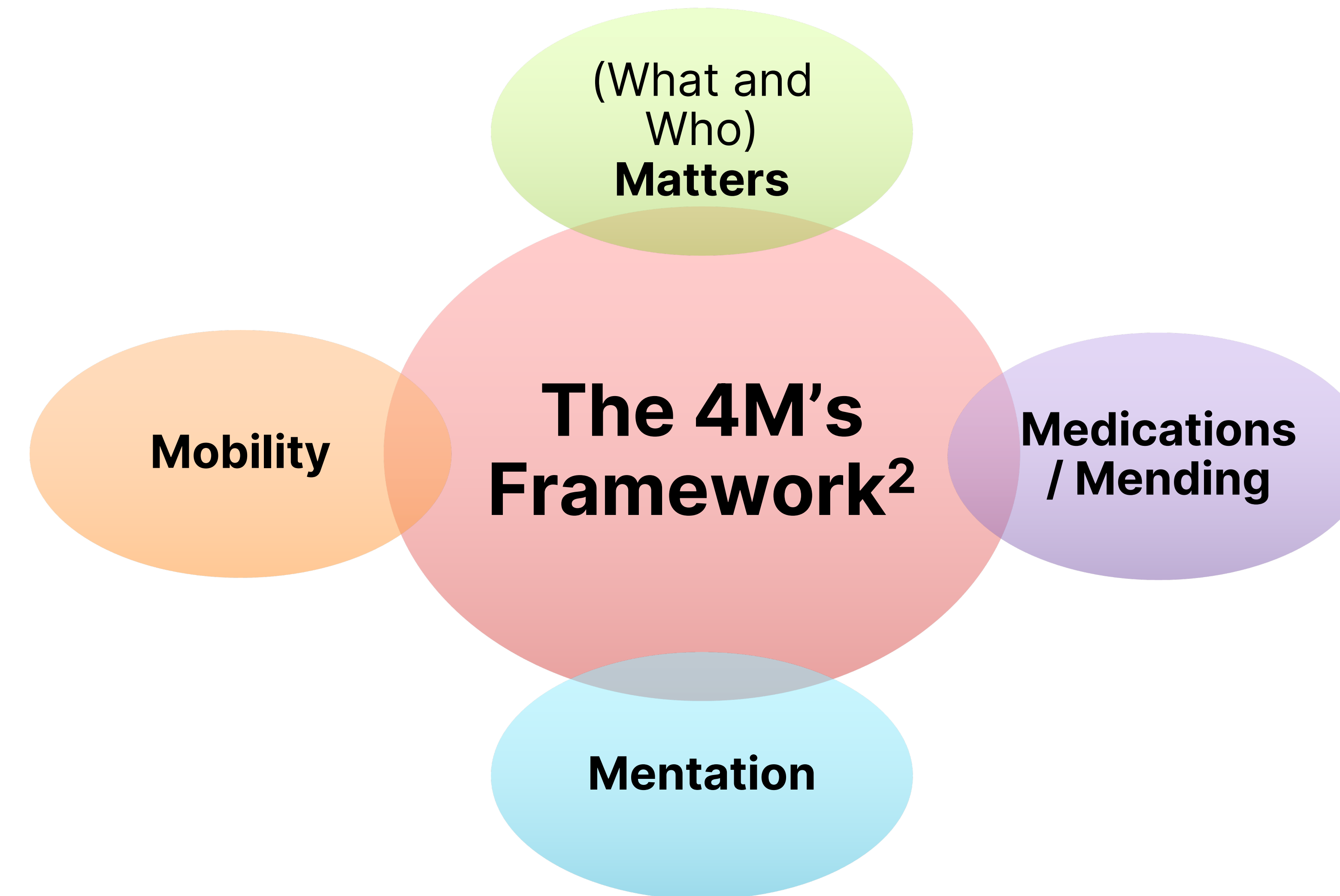
- Apply a systematic framework for anticipating and addressing post-acute care needs
- Identify other specialties and health professionals who can facilitate discharge planning

Pilot Intervention

- An interactive workshop designed for graduating medical students during the Residency Transition Course
- Didactic component: 30-minute lecture discussing the importance of safe and effective discharges and introducing the 4M’s framework (adapted from IHI)²
- Interactive component: 90-minute small group session that applies the 4M’s framework to three case vignettes
- Post-intervention survey to evaluate growth in this knowledge domain

Sample Case and Framework

A **45 year old male with T1DM** complicated by diabetic neuropathy and **chronic bilateral diabetic foot ulcers**, presents to the ED after falling down the stairs and **fracturing his left ankle** (closed, non-displaced). He is also found to have **acute osteomyelitis** in the left foot.



(What and Who) Matters:

- Preferences re: disposition, intensity of treatment, goals of care, caregivers, and decision-makers

Medications and Mending:

- IV medications, skilled wound care

Mentation:

- Cognitive and practical ability to care for themselves

Mobility:

- Physical or occupational therapy needs

Results

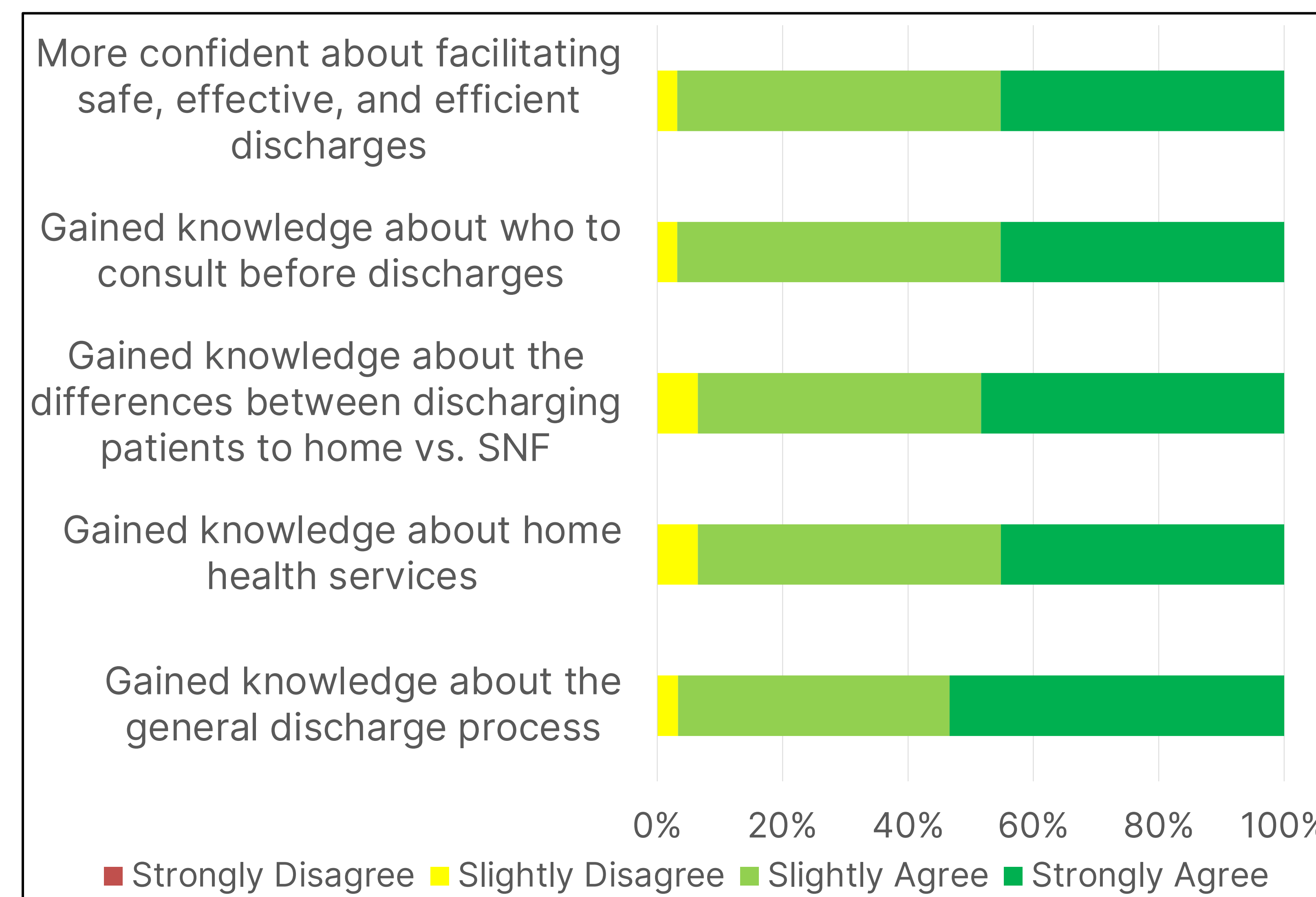


Figure 1. Effect of pilot intervention on participants’ knowledge about discharge planning (n=31).

Conclusions

- Our pilot workshop was effective at increasing graduating medical students’ confidence about safe and effective discharge planning
- Consider expanding the scope of the workshop and evaluating discharge outcomes in the future to assess the effect of the workshop on real-world patient care

References

1. Bai AD, Dai C, Srivastava S, Smith CA, Gill SS. Risk factors, costs and complications of delayed hospital discharge from internal medicine wards at a Canadian academic medical centre: retrospective cohort study. BMC Health Serv Res. 2019 Dec 4;19(1):935. doi: 10.1186/s12913-019-4760-3. PMID: 31801590; PMCID: PMC6894295.
2. Guide to using the 4Ms in the care of older adults in hospitals and ambulatory care practices. Institute for Healthcare Improvement. Fall 2022.