

Establishing a Hospital at Home Educational Curriculum for Medical Trainees

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INTRODUCTION

- Hospital at Home (HaH) is an emerging model that is quickly becoming a highly sought-after form of care delivery for appropriate patients
- HaH offers unique educational value to medical trainees, who in turn facilitate the dissemination of information about HaH in the inpatient setting
- There are few formal educational curricula currently available for trainees
- The benefits of trainee integration into the HaH model include:
 - An opportunity for trainees to broaden their knowledge and clinical experience in acute home-based care, remote patient management, and collaboration with a decentralized interdisciplinary team
 - An increased potential for patient referrals
 - The sustainability of the future HaH provider workforce

METHODS

- We created a standardized HaH curriculum for internal medicine residents and geriatric medicine fellows across the Mount Sinai Health System
- Trainees actively participate in all aspects of the program including patient screening, admitting, virtual rounding, and home visits
- An introductory orientation session is conducted with each trainee and access to educational materials is provided through a web-based tool
- Learners collaborate with a decentralized multidisciplinary team including nurses, attending physicians, physical therapists, social workers, and care coordinators

METHODS

- Direct supervision and feedback are provided on a regular basis by attending physicians
- The number of enrolled trainees is tracked over time
- Pre- and post-rotation surveys are utilized to assess learners' knowledge of the HaH model and their comfort level with HaH referrals gained through completion of the elective
- Trainees are evaluated through direct observation of the following skill sets by the core HaH staff (Table 1)

Admitting Attendings:

Skills	Satisfactory	Unsatisfactory	Not Observed
Identify appropriate patients based on admission / exclusion criteria			
Documentation (H&P)			
Present patient during team huddle			

Recovery Coordinators:

Skills	Satisfactory	Unsatisfactory	Not Observed
Perform home safety and social screen			
Describe HaH model to patient / family			
Recognize the barriers to HaH			

Rounding Attendings:

Skills	Satisfactory	Unsatisfactory	Not Observed
Lead virtual visit			
Utilize virtual technology			
Communicate effectively with decentralized multidisciplinary team			
Documentation (progress notes and discharge summaries)			
Execute management plans (place orders, coordinate tele-consults, etc)			

Acute Care RNs:

Skills	Satisfactory	Unsatisfactory	Not Observed
Home-based history assessment			
Home-based physical assessment			
Medication reconciliation (both on SOC and on visits)			
Home / social assessment on visits			

Table 1. Observed Skill Set

RESULTS

- Resident enrollment increased from 11 in 2023 to 15 from January 2024 through September 2024
- Resident survey results and skill set assessments are forthcoming, however are anecdotally favorable

DISCUSSION

- Creating a formal, standardized curriculum played a crucial role in trainee recruitment
- Feedback obtained from trainees who completed the HaH elective has been overwhelmingly positive
- Trainee involvement has been well perceived by our staff and patients and has helped introduce innovative perspectives to our currently established protocols

NEXT STEPS

- Data collection from pre- and post-elective surveys will be tallied and used to implement curriculum changes
- The elective will be expanded to accommodate multiple trainees simultaneously and will eventually be made available to medical students
- Additional standardized educational sessions will be incorporated into the curriculum to enhance trainees' understanding of the HaH care delivery model and its increasing relevance in the current healthcare setting

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