## Development of a 'fit-for-purpose' Hospital in the Home program for patients following low trauma hip fracture: using data to identify the pressure points

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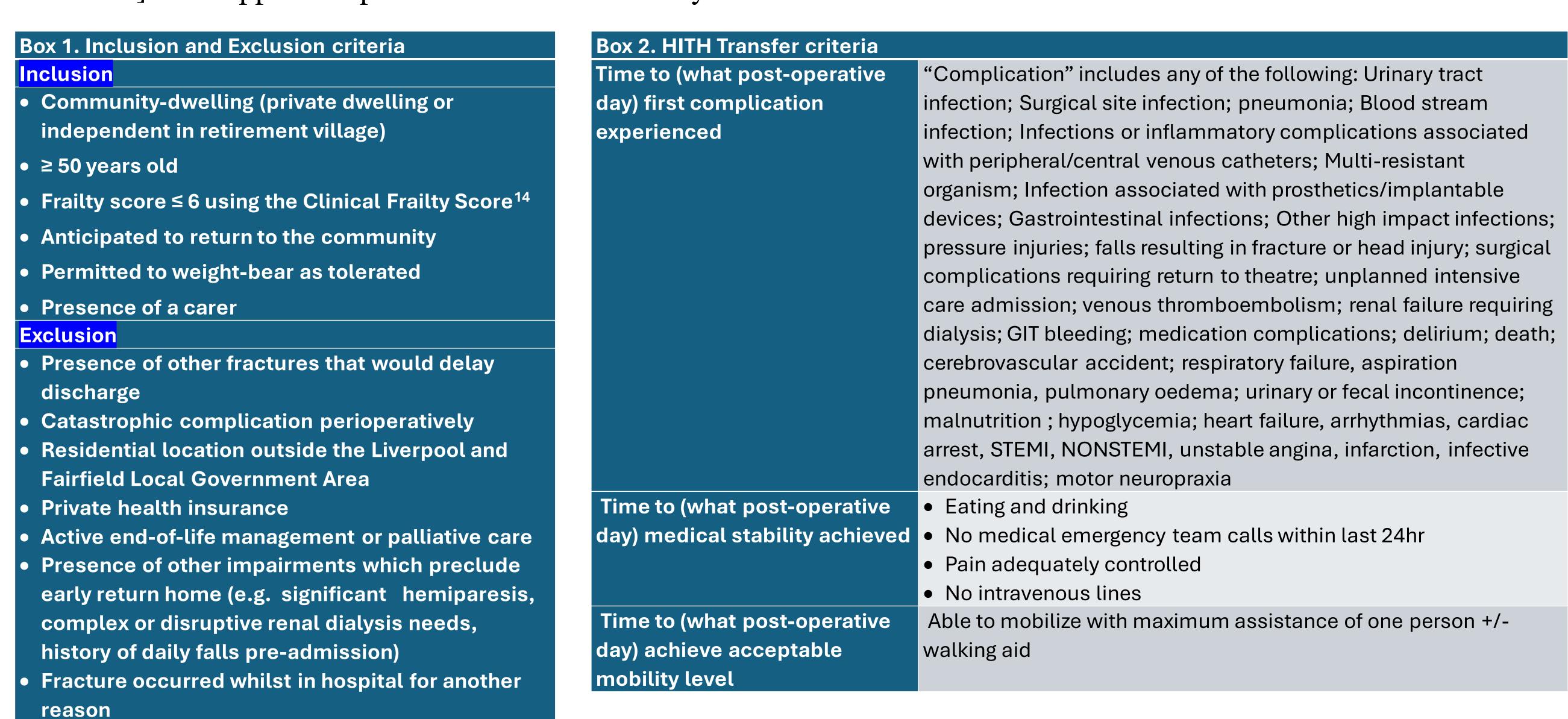




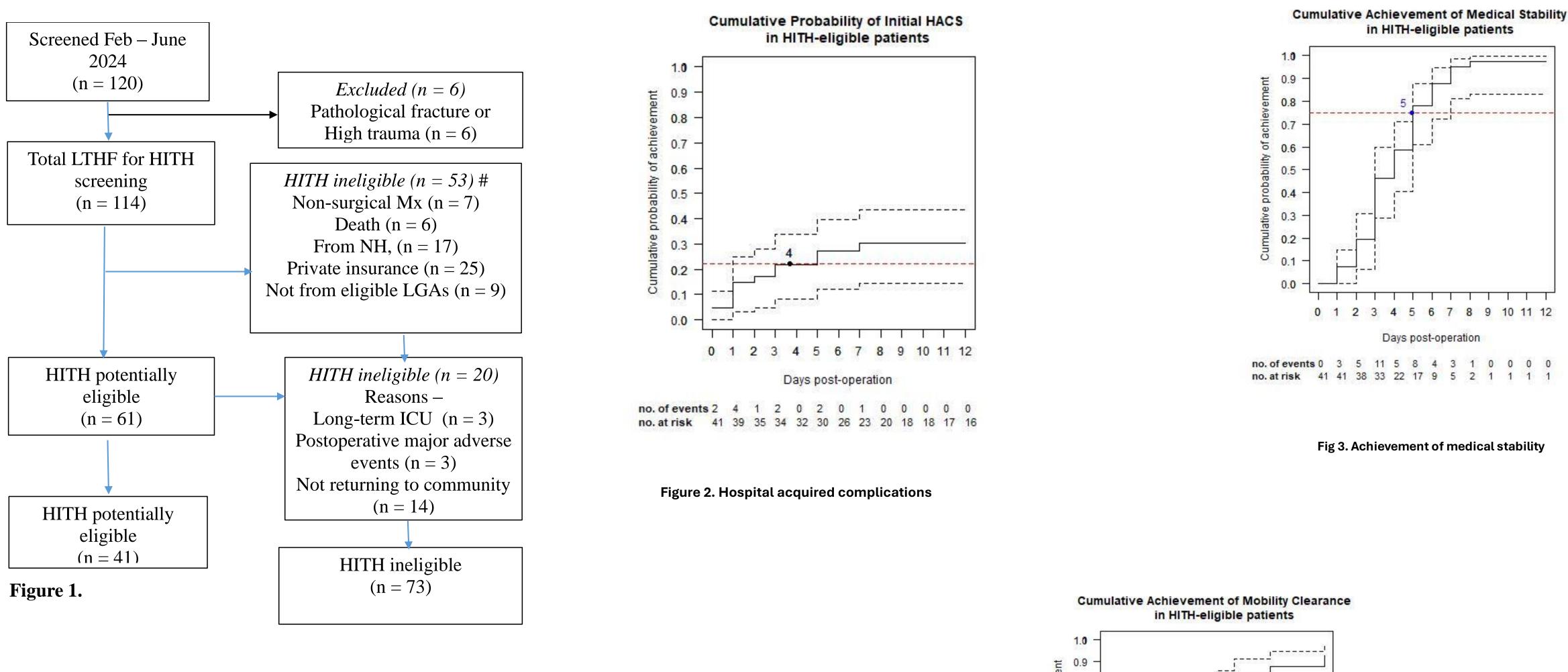


**Background & Aim**: Care pathways incorporating Hospital in the Home (HITH) programs are available for people following low-trauma (osteoporotic) hip fracture (LTHF) as a strategy to reduce total length of stay (LOS), <sup>1,2</sup> but there is no published evidence supporting the development of key components of such programs for this specific population. As a precursor to program implementation, a multidisciplinary team devised criteria for both HITH eligibility and readiness for HITH transfer. This study aimed to describe the rates and timing of suitability for HITH when these criteria were applied prospectively to older adults admitted with LTHF.

**Method**: Prospective, five-month audit of patients undergoing surgery for LTHF admitted at a single facility. Criteria for HITH inclusion/exclusion (**Box 1**) and three time-based safety criteria (**Box 2**) potentially signaling readiness for HITH transfer [time (post-operative day, POD) to first complication, time to medical stability, time to mobilization threshold] were applied to patient-level data routinely available in the medical record.



**Results**: *Eligibility*: Of 114 patients screened, 61 (54%) were initially eligible with 41 (36%) remaining eligible over the episode-of-care (**Fig 1**). *Transfer considerations* (**Figs 2-4**): 75% of those who experienced a complication did so by POD4; 75% achieved medical stability by POD5; 75% achieved the mobility criterion by POD7, and; 75% of patients met all criteria by POD7.



Conclusion: Using data-informed criteria, we estimate that approximately one-third of LTHF will be eligible for HITH with most ready for transfer within a week post-surgery. A HITH program using safety-focused criteria may help reduce LOS for patients with LTHF.

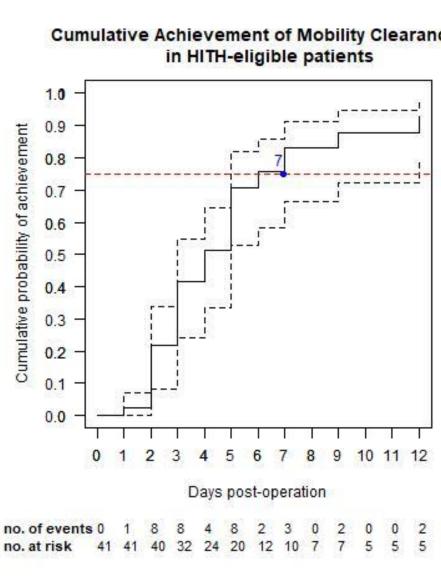


Fig 4. Achievement of mobility clearance