Table S1: Example implementation measures aligned with the RE-AIM framework [1]

RE-AIM	Measure and examples
Reach: The number, proportion, and/or representativeness of participating inpatients	Patient level audit example: The total number, age and sex of included patients as a proportion of total target population. Clinician survey example: Estimated total number, proportion, and representativeness of included patients following implementation commencement. Qualitative example: strong themes of high-level engagement of individuals with exemplar quotes.
Effectiveness: The impact of SIMPLER implementation on important outcomes, for example care delivered in line with evidence-based guidelines or standards	Patient level audit example: The pre- and post-proportions of hip fracture inpatients who received two or more SIMPLER core supportive nutrition care interventions. Clinician estimate example: Estimated pre- and post-proportions of hip fracture inpatients who received two or more SIMPLER core supportive nutrition care interventions. Qualitative example: strong themes of implementation influence on alignment of care to evidence based practice or patient experiences, with exemplar quotes.
Adoption: The total count, percentage, or inclusiveness of staff, settings, systems, and intervention agents (those delivering the program) who are willing to start the program	Staff level example: percent of invited staff that participated. Clinician survey example: Estimated total number, proportion, and representativeness of staff willing to participate in SIMPLER implementation. Qualitative example: strong themes highlighting why settings or staff did, or did not participate in the SIMPLER program, with exemplar quotes.
Implementation: Was SIMPLER implementation done as planned, on time, and within budget?	Clinical survey level example: changes in the pathway, core measures, core actions, resource requirements or costs. Qualitative example: Strong themes highlighting barriers and enablers to implementation as planned.
Maintenance: How much has SIMPLER become a regular part of organizational practice and policies? How well has the program's effects lasted six months or more?	Patient level audit example: Repeat above effectiveness measure 6 months after last formal engagement with the facilitators? Setting level example: Are there examples of impact on policy, procedures, or strategy? Qualitative example: Case study, patient or staff stories, or strong themes with exemplar quotes providing examples of where the implementation has been sustained, or routinised into practice and policy.

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Table S2: Opportunities for teams to consider when reviewing, reforming or redesigning practice.

Opportunities	**Examples**
Audits	Australian and New Zealand Hip Fracture Registry[1] ANZHFR Nutrition Sprint Audit [2] ANZHFR Preoperative Fasting Sprint Audit[3] FFN Minimum Common Dataset[4] Scottish Hip Fracture Registry Audit[5] SIMPLER Measures[6]
Clinical systems, governance and organisational processes	Comprehensive Care Committees [7] Foodservice systems / Care Catering / Hospital Catering [8-10] Integrated Electronic Medical Records / Meal Ordering Systems [11] Nutrition steering committees and support Teams [8]
Evidence based recommendations, guidelines and care standards	Australian Hip Fracture Clinical Care Standards[12] ESPEN guidelines[13-15] Scottish Standards of Care For Hip Fracture Patients [16] Canadian Malnutrition Prevention, Detection and Treatment standard [17]
Models or frameworks that support integrated care	Integrated Pathway for Acute Care [18] Orthogeriatric framework[19] Primary care nutrition pathway [20] SIMPLE / SIMPLER Models[21,22] Model for improving nutrition care[23] The Sustain and Spread Framework[24]
Patient and healthcare team stories and person reported measures	ANZHFR Reports [1] My Hip My Voice [25] Patient Stories Systematic Review [26]
Workforce capacity, capability and role optimization	Nurse Opportunities (Sytematic Review)[27] Allied Health Assistant Opportunities (Systematic Review)[28-30] Nutrition education and professional development opportunities

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