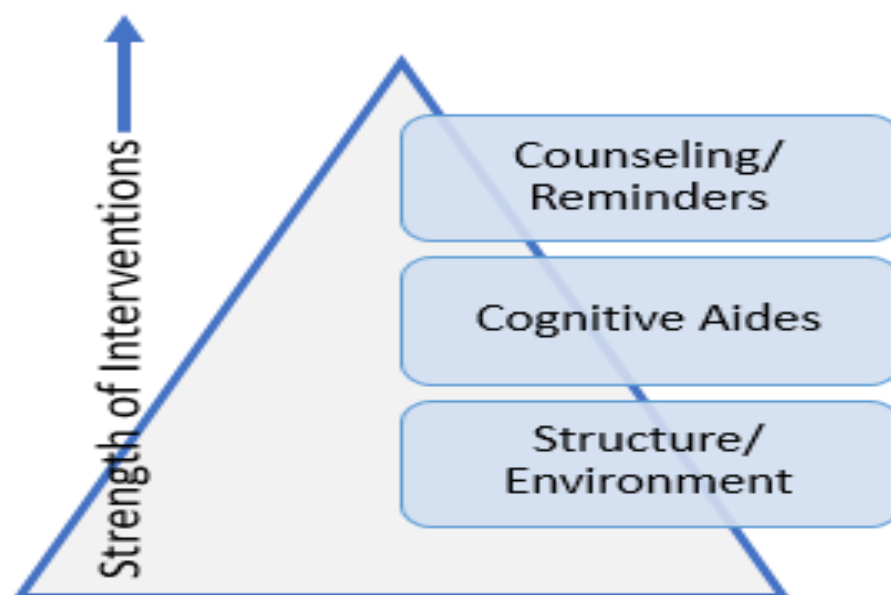


Hierarchy of Interventions



Hettinger et al., 2018

Hierarchy of Interventions

STRONG	Example
Institutional (large facility-wide investment)	Implementing unit-based pharmacists
IT Structure (change in software/interface)	Usability evaluation, forcing functions (e.g. to prevent wt-based dosing errors in CPOE)
Architectural/ Environmental (change in physical environment)	Signage, relocating equipment (e.g. gait belt on hook next to bed)
Standardize Equipment	Surgical instrument trays, IV pumps
Leadership Involvement	Clinical champions assigned to relevant interventions
Simplify processes	Revise criteria for admission to Observation unit

Commonwealth of Massachusetts, 2012; Hibbert et al., 2018; Hettinger et al., 2013 ⁵⁵

Hierarchy of Interventions

Moderate	Example
Policy/Procedure change or implementation	Patients at high risk for falls not to be left alone while toileting
Audit/Feedback	Appropriate fall risk interventions in place according to policy
Redundancy	Have an additional person assist
Enhanced documentation/forms	Making hourly rounding and measures easier to document.
Checklists/Cognitive Aids	Fall Risk Signage with picture of required assist device (i.e., walker)
Standardize communication tools	Shift report form with specific space for fall risk and interventions
Training with practice and competency assessment	Falls skills fair. Personnel file documentation of skills competence

Commonwealth of Massachusetts, 2012; Hibbert et al., 2018; Hettinger et al., 2013 ⁵⁶

Hierarchy of Interventions

Weak	Example
Counseling / Discipline	Discussion with individual employee and note in personnel file
Discussions in meetings	General mention in monthly staff meeting (*daily safety huddle reminders might be more helpful)
Notifications (email, communication book)	Notice to “do better.” Decreased opportunity for it to be personalized or have questions answered.
Warnings	Punitive discussion and file note
Double-checks	Double checks of medication dosage prior to administration
Training without practice or competency assessment	Float staff expected to “see one, do one”

Commonwealth of Massachusetts, 2012; Hibbert et al., 2018; Hettinger et al., 2013 ⁵⁷