Analytic Framework: Text Messaging Interventions to Improve Medication Adherence

Text Messaging Intervention
Message content related to medication adherence

Text messages sent to patient’s mobile device

Patients with chronic conditions requiring medications

Potential harms: None identified

Additional benefits: Fewer provider visits needed to determine optimal treatment

Key Potential Effect Modifiers:
- Patient characteristics (e.g., SES, elderly)
- Chronic condition and treatment
- Frequency and duration of intervention
- Message content

Diagram Key
- Interventions considered in this review
- Outcomes considered in the Task Force assessment of effectiveness
- Target population(s)
- Postulated intermediate outcomes
- Potential additional benefits
- Key potential effect modifiers

Improved patient adherence to prescribed medications

Improved clinical management of patient’s chronic medical condition(s)

Improved patient satisfaction with care

Reduced morbidity and mortality

Improved quality of life