

# Iowa Medication Safety and Effectiveness Statewide Strategic Plan

## PROPOSED GOALS, OBJECTIVES, AND TACTICS

**Purpose: Improve the effectiveness, coordination, and safety of medication use in Iowa.**

**Goal 1- Medication Effectiveness** (Every medication is assessed to ensure it has an intended medical use, is effective and safe, and is able to be taken by the patient as intended)

- **Objective 1.1: Identify strong practices and align state strategies to maximize effectiveness.**
  - Tactic 1.1-A: Develop a web-based repository of medication safety information including case for change, basic information and links to other available state/national resources.
  - Tactic 1.1-B: Develop an aligning, core educational strategy targeting physicians, providers, pharmacists, hospital, long-term care, public health, patients/caregivers.
  - Tactic 1.1-C: Use the Choosing Wisely Campaign to promote medication safety, adherence, and effectiveness.
  - Tactic 1.1-D: Promote strong practices in Antibiotic Stewardship.
  - Tactic 1.1-E: Promote strong practices in improving medication adherence.
  - Tactic 1.1-F: Promote best practices and the use of high-harm medications.
- **Objective 1.2: Promote common strategies to engage patients and families to advance medication effectiveness and safety.**
  - Tactic 1.2-A: Develop a statewide patient and family engagement strategy.
  - Tactic 1.2-B: Develop a medication safety related patient and family engagement measure set.
  - Tactic 1.2-C: Promote patient experience measures in the national CAHPS initiative.
  - Tactic 1.2-D: Promote medication reconciliation.

**Goal 2- Medication Safety** (Routinely achieve patient goals with zero tolerance for preventable harm)

- **Objective 2.1: Align medication safety improvement initiatives with national health care transformation efforts.**
  - Tactic 2.1-A: Deploy the National Action Plan for Adverse Drug Event Prevention in Iowa.
  - Tactic 2.1-B: Create common Iowa metrics for high-harm medications (Anticoagulation/VTE, Glycemic Management, Opioids)
  - Tactic 2.1-C: Promote adoption of Health Information Technology to enable timely exchange of medication information among all providers to prevent harm.
- **Objective 2.2: Align Iowa federally-sponsored efforts (Iowa HEN, QIO, TCPI, SIM, and CCTs) to promote medication safety.**
  - Tactic 2.2-A: Promote hypoglycemic medication harm-reduction through Iowa's Statewide Diabetes Strategy.
  - Tactic 2.2-B: Promote anticoagulation medication harm reduction through Iowa's Statewide Cardiovascular and Stroke Strategy.



- Tactic 2.2-C: Promote opioid harm-reduction.
- Tactic 2.2-D: Promote anti-psychotic medication harm reduction.
- Tactic 2.2-E: Promote strong practices in Antibiotic Stewardship.

**Goal 3- Coordination** (Aligned clinical strategies between stakeholders that ensures maximum medication effectiveness and safety)

- **Objective 3.1: Align public health and provider messaging to promote medication effectiveness and safety.**
  - Tactic 3.1-A: Develop common provider education modules for interprofessional continuing education (physician, nursing, and pharmacy).
  - Tactic 3.1-B: Engage the academic pharmacy community in Iowa medication safety work.
  - Tactic 3.1-C: Standardize/co-brand patient information on public health and provider websites.
- **Objective 3.2: Promote models that facilitate medication care coordination (Collaborative Practice Agreements, Medication Therapy Management, etc.)**
  - Tactic 3.2-A: Develop a set of measures that track coordination of community resources.
  - Tactic 3.2-B: Facilitate and promote the sharing of information across care continuums to enhance medication safety and collaborative care.
  - Tactic 3.2-C: Explore practice models that deliver sustainable medication care coordination.
- **Objective 3.3: Reduce medication-related readmissions.**
  - Tactic 3.3-A: Standardize admission and discharge medication reconciliation processes and measures.
  - Tactic 3.3-B: Share strong practices with proven outcomes in reducing medication-related readmissions.
- **Objective 3.4: Develop strategies that reduce barriers to medication access.**
  - Tactic 3.4-A: Encourage provider/patient discussions to identify social determinants of health, including health literacy, impacting medication safety and effectiveness.

**Goal 4- Data** (Use data to monitor and advance “medication use system” strategies)

- **Objective 4.1: Promote consistent definitions (ADE, others) to guide improvement efforts that align with national reporting initiatives.**
- **Objective 4.2: Develop Iowa outcomes measures in alignment with national reporting initiatives.**
  - Tactic 4.2-A: Align with 1305 and Million Hearts Campaign.
- **Objective 4.3: Standardize inpatient and outpatient harm measurement in anticoagulation, glycemic management, and opioid use.**