

ALL IN  
FOR  
GOOD

E3 (EFFECTIVENESS, EFFICIENCY, EXCELLENCE IN HEALTHCARE) GRANTS

# Improving outcomes, reducing costs



Through its E3 Grant Program, the Cardinal Health Foundation has invested \$8.6 million in hundreds of healthcare organizations across the country as they work to improve the effectiveness, efficiency and excellence in healthcare.

The grant program focuses on accelerating the rate of change with two goals:

- Improved patient outcomes
- Reduced healthcare costs

According to *The National Institutes of Health*, it takes an average of 17 years for evidence-based practices to be fully implemented into healthcare practices, due to the complexities within the healthcare system.

Within only a year or two, our grantees are affecting lasting change—reducing readmissions to hospitals, reducing lengths-of-stay and, most importantly, saving lives.

*\*The summary results are estimates that have been separately prepared and provided by each individual grantee and were based on one year periods unless otherwise noted.*

## Summary results\* from recent E3 grantees' work

### Improving transitions to home for post-acute seniors

[Link to case study](#)

#### Senior Independence, Toledo, Ohio

At Senior Independence, registered nurses serve as transition coaches, and provide immediate and close follow-up to Medicare patients, post hospital discharge.

**Results:** Reduced 30-day hospital readmission rate to 4.3% (compared to regional average of 14%); 42 readmissions saved; 202 hospital days saved; \$409,858 saved.

#### Senior Services of Southeastern Virginia, Norfolk, Virginia

This Area Agency on Aging surrounds high-risk seniors with a care team that includes a certified transition coach, the hospital care coordination team and a pharmacist, ensuring coordinated transition of care and medication reconciliation.

**Results:** Reduced 30-day hospital readmission rate to 6% (from baseline of 19.6%); 15 readmissions saved; 94 hospital days saved, \$120,000 saved.

#### Southwestern Indiana Regional Council on Aging, Inc, Evansville, Indiana

Here, certified social workers serve as transition coaches for high-risk seniors who have chronic diseases, making in-home visits and follow-up phone calls to patients post discharge.

**Results:** Reduced 30-day hospital readmission rate from 20% to 14%; reduced 60-day readmissions from nearly 29% to 18%; 21 readmissions saved; 32 hospital days saved; \$134,848 saved.

### Increasing medication safety for patients admitted from the ER

[Link to case study](#)

#### Trinity Medical Center, Rock Island, Illinois

Medication reconciliation nurses collect complete medication histories as soon as patients are admitted to the hospital from the emergency room.

**Results:** Increased medication accuracy from 40% to 76%; prevented adverse drug events due to inaccurate medications for 209 patients; estimated \$1,247,913 saved.

## Using the WHO Surgical Safety Checklist

Link to  
case study

### **NorthShore University Health System, Evanston, Illinois**

NorthShore integrated the WHO Surgical Safety Checklist into its existing electronic health record software, increasing overall compliance from 48% to 92%.

**Results:** 32% decrease in perioperative risk events; 8 hospital days saved; \$1,000,000 saved.

### **Virginia Mason Medical Center, Seattle, Washington**

A multi-disciplinary surgical team developed the rolling wrap-up, a post-surgical process to debrief before the patient leaves the operating room.

**Results:** 24 hospital days saved; \$144,000 saved.

## Increasing medication safety for older adults

Link to  
case study

### **Knute Nelson Foundation, Alexandria, Minnesota**

A medication safety program combines transition education, medication reconciliation and continuous, real-time monitoring of health conditions.

**Results:** Decreased number of prescriptions per person from 15 to 11; reduced 30-day hospital readmission rate from 25% to 19%; 49 hospital readmissions saved; 655 hospital days saved; \$392,000 saved.

## Increasing access for the under- and uninsured

Link to  
case study

### **West Virginia Health Right, Charleston, West Virginia**

This free clinic has partnered with three area hospitals to provide a medical home for nearly 500 uninsured and underinsured patients.

**Results (for two years of grant funding):** 38% reduction in hospitalizations; 67% decrease in ER use; 32 readmissions saved; 213 hospital days saved; \$2,825,635 saved.

## Adding pharmacy services to a multi-disciplinary discharge team

Link to  
case study

### **Franciscan Alliance Foundation on behalf of Franciscan St. Margaret Health-Hammond, Mishawaka, Indiana**

As part of a multi-disciplinary discharge team, the pharmacist provides medication counseling plus follow up within 72 hours of discharge.

**Results:** Reduced 30-day hospital readmission rate from 36% to 27%; 1,813 hospital days saved; \$1,743,229 saved.

## Improving outcomes for high-risk chronically ill patients

Link to  
case study

### **Trinity Medical Center, Rock Island, Illinois**

A continuity-of-care pharmacist service provides medication therapy management and customized interventions for chronically ill home care patients taking nine or more medications per month.

**Results:** Improved patients' ability to manage their medications from 47% to 58%; reduced acute care hospitalizations from 19% to 15%; 155 hospital days saved; \$426,526 saved.

### **Trinitas Regional Medical Center, Elizabeth, New Jersey**

Pharmacists provide medication reconciliation and counseling, and address barriers to medication access for chronically ill elderly patients as they transition to home.

**Results:** Reduced 30-day hospital readmission rate from 18% to 14%; 74 hospital days saved; \$811,998 saved.



Learn more about the E3 Grant Program at [cardinalhealth.com/patientsafetygrants](http://cardinalhealth.com/patientsafetygrants).

### **About the Cardinal Health Foundation**

The Cardinal Health Foundation supports local, national and international programs that improve healthcare efficiency, effectiveness and excellence and the overall wellness of the communities where the Cardinal Health (NYSE:CAH) nearly 37,000 employees live and work. The Cardinal Health Foundation also offers grants to encourage community service among its employees and works through international agencies to donate much-needed medical supplies and funding to those who need them in times of disaster. Cardinal Health is #AllInForGood.

