



IMPACTS & SAVINGS OF DONATED MEDICATION

Estimates suggest that \$100 to \$300 billion of annual avoidable health care costs are attributed to medication non-adherence in the U.S., accounting for three to ten percent of overall health care spending.*

Research shows that the Dispensary of Hope's innovative system of distributing surplus medication to patients across the country who are without insurance and below 200% of the poverty line reduces costs through reduction in avoidable readmissions and emergency department (ED) visits while improving health outcomes in vulnerable patients.

THE RESEARCH

In collaboration with the Dispensary of Hope and Saint Thomas Health, the Advisory Board Company studied 2.5 years of data, including: **facility billing encounter detail, cost accounting and pharmacy utilization (including Dispensary of Hope patient enrollment and prescription history).**

Once aggregated, these data sets established a clear picture of patient enrollment periods, use of Dispensary of Hope services and use of hospital services. Three primary analyses were considered: **Patient Pre and Post Enrollment, Patients by Enrollment Year and Consistent Pharmacy Utilizers.**

KEY FINDINGS



INCREASED ACCESS TO MEDICATION

25% of patients enrolled in Dispensary of Hope were consistent utilizers (filling prescriptions at pharmacies over multiple years)

Dispensary of Hope patients lowered their preventable inpatient events by 80+ encounters per 1,000 lives and preventable emergency department visits by 95+ per 1,000 lives.



DECREASED COST

The Dispensary of Hope partnerships have generated meaningful savings on a per case basis, with the average cost per inpatient visit reduced from \$7,500 to \$6,000 and the average cost per ED visit reduced from \$288 to \$132.



IMPROVED QUALITY

Inpatient utilization reduced by 50% and emergency department utilization decreased by 35%.

Patients with disease states including diabetes, congestive heart failure and other chronic conditions demonstrated improvements in health outcomes that continue to improve year after year.

"Along with the preventable inpatient and emergent encounters, Dispensary of Hope populations saw decreased preventable readmissions and complications." Weaver A, Holland J, et al. Advisory Board Consulting

For the full research study conducted by the Advisory Board Company, contact

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* Iuga, A.O., & McGuire, M.J. (2014). Adherence and health care costs. *Risk Management and Healthcare Policy*, 7, 35-44. <http://doi.org/10.2147/RMHP.S19801>