

QualChoice Study



GROUNDBREAKING LARGE-SCALE CLINICAL TRIAL CONDUCTED IN AN OUTPATIENT HEALTH PLAN ENVIRONMENT.

This randomized, prospective study was conducted by ActiveHealth® Management at QualChoice, a Midwestern managed care plan, and published as a peer-reviewed article in *The American Journal of Managed Care*.

OVERVIEW

ActiveHealth's core technology, the CareEngine® System, compares the most current clinical guidelines to an individual member's data. The CareEngine identifies and generates clinical opportunities to the treating physician and, when appropriate, the member. These clinical alerts, called Care Considerations, are communicated by fax, phone or letter.

"This study shows that clinical support systems like the CareEngine improve care, potentially save lives AND reduce costs. In addition, physicians find the clinical information in the Care Considerations timely, accurate and actionable."

— **Todd Locke, MD**
Former Chief Medical Officer
QualChoice

The Proof.

"The QualChoice study validates what we already knew — that the CareEngine is a cost-saver and a life-saver. Health plans. Physicians. Members. TPAs. They all can benefit from this active technology just as 12 million of our members are benefiting today."

— **Lonny Reisman, MD**
CEO, ActiveHealth Management



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METHODOLOGY

The study population was 39,462* members of a Midwestern managed care plan.



CONTROL GROUP: Approximately half were randomly assigned to the control group.	INTERVENTION GROUP: Approximately half were randomly assigned to the intervention group.
PROCESS: No Care Considerations were communicated during study.	PROCESS: Care Considerations were identified and communicated during study.

IMPACT ACROSS THE STUDY POPULATION

RESULTS:	RESULTS:
MEDICAL ERRORS	
--	46 potentially serious medical errors identified per 1000 people – nearly 1 for every 20 members.
HOSPITALIZATIONS	
--	8.4% fewer hospitalizations.
PAID CLAIMS	
--	\$8.07 per member per month saved.



Life-threatening medical errors diminished. Better care achieved.

- Members in the intervention group were hospitalized less.
- CareEngine findings significantly improved communication between members and physicians – reducing life-threatening events.

Significantly lower costs for health plans.

- Health plans saw substantial cuts in medical costs. Paid claims per member were substantially lower.

The CareEngine System Saves Lives, Reduces Medical Errors and Substantially Lowers Costs.

*Study population consisted of 39,462 members age 12-64 and with at least 1 claim in the prior year. Source: Javitt, et al. "Using a Claims Data-based, Sentinel System to Improve Compliance with Clinical Guidelines: Results of a Randomized Prospective Study," American Journal of Managed Care Feb. 2005: 93-102.



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