



**MedExpert Care Coordination
Total Population Health
Quality Medical Management System**

2017





MedExpert is a healthcare technology company headquartered in Redwood City, California, that provides an **innovative health delivery** model to health care purchasers and providers.

MedExpert integrates and leverages an advanced technological platform to directly assist members through a spectrum of **total population health** initiatives.

MISSION STATEMENT



MedExpert's mission is to improve lives through the timely exchange, understanding, and implementation of **current, unbiased, and accurate** medical and health information.

MedExpert believes that every person, regardless of language, education, or station in life, deserves today's finest medical knowledge delivered in a prompt, honest, clear, and respectful manner.

WHY MEDEXPERT IS HERE

Provide the Commonwealth of Pennsylvania

A proven innovative solution to reduce Medicaid costs



ALASKA MEDICAID RESULTS

Alaska's state Medicaid department reported to the **National Governor's Association (NGA)** a **25% decrease in Emergency Room use** and **total decrease of 14% in overall expenditures** between Baseline Years and Year 1 of MedExpert's services

Parameter	Change (%)	Portion of Total Expenditures Weight (%)
Outpatient	-26.19	18.35
Inpatient	-15.56	17.08
Professional	-21.42	15.70
Pharmacy Claims	0.70	11.13
HCBS Waiver Claims	2.35	7.91
Mental Health	-5.09	7.33
FQHC RFH Tribal Clinics	-14.69	5.38
Transportation Services	-14.99	4.87
Dental	-5.64	3.71
Personal Care Services	-21.11	3.50
Long Term Care	-44.45	2.04
Durable Medical Equipment	-25.21	1.50
Independent Lab and X-ray Services	11.42	0.55
Targeted Case Mgmt School Based Services	-9.07	0.25
Part B UB Crossover	35.13	0.24
Part B Crossover	36.87	0.22
Home Health	-88.82	0.15
Part A Crossover	38.87	0.07
Hospice	18.50	0.04
Financial Transaction	0.0	0.0

MEDEXPERT MCO-ENVIRONMENT RESULTS

UnitedHealthcare MedExpert Performance Results

HCE – MI Review of the MedExpert Pilot

Table 1: Utilization Trends for MedExpert Pilot

<i>May 2014 – February 2015 [1]</i>	Year to Year Comparison Results from MedExpert Pilot Markets [2]
Acute Inpatient Admissions	-17.40%
SNF Inpatient Admissions	-17.90%
ER Visits	-2.20%
Outpatient Surgery Visits	-15.00%
Primary Physician Visits	-1.80%
Specialist Visits	-2.50%
RX Scripts	-4.30%

[1] Claims incurred through February 28, 2014 and paid through April 5, 2015. No completion factors applied.

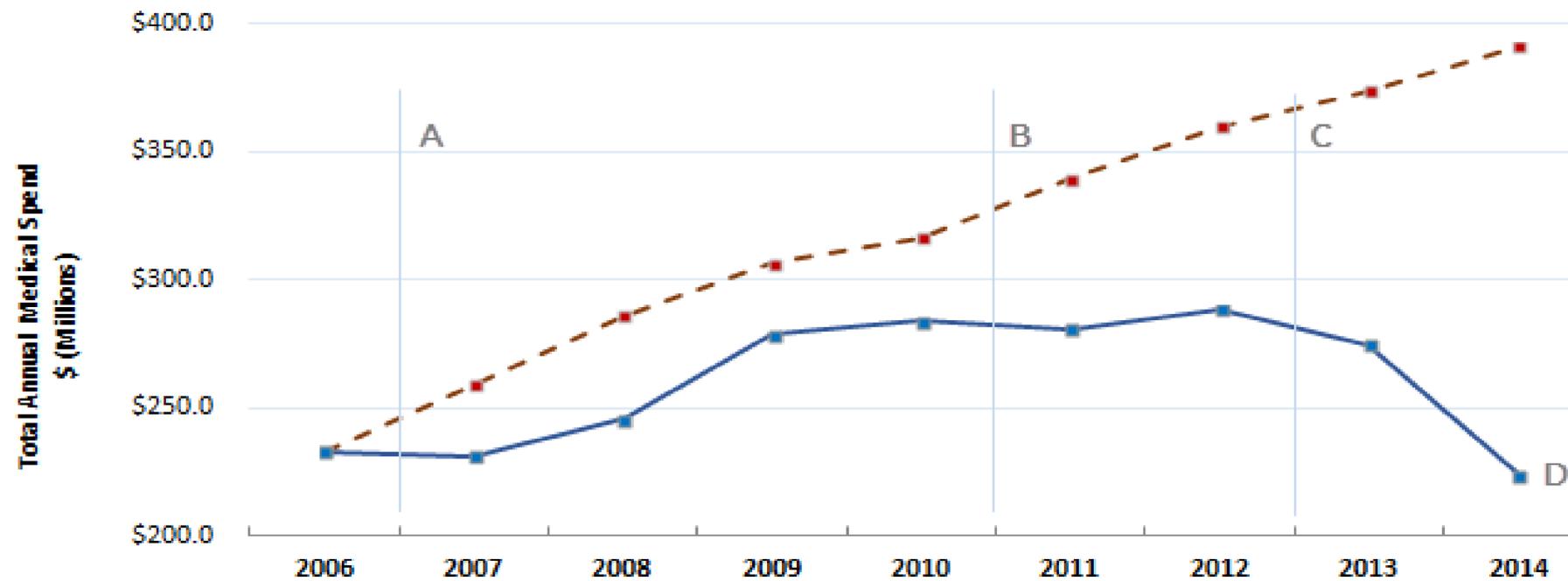
[2] Measurement period compared difference between May 2013-Feb 2014 compared to pilot period of May 2014 to Feb 2015 in 10 HCE UHC Medicare markets. Total population of markets, 144,456 beneficiaries.



MEDEXPERT TAFT-HARTLEY RESULTS

Total Population MedExpert QMMS Trend Report From Base Year 2006 to 2014
Comparison of Actual to Projected Total Medical Costs

All Medical Costs Included (Purchaser Pay, Deductible & CoPays) No Removal of Catastrophic Costs



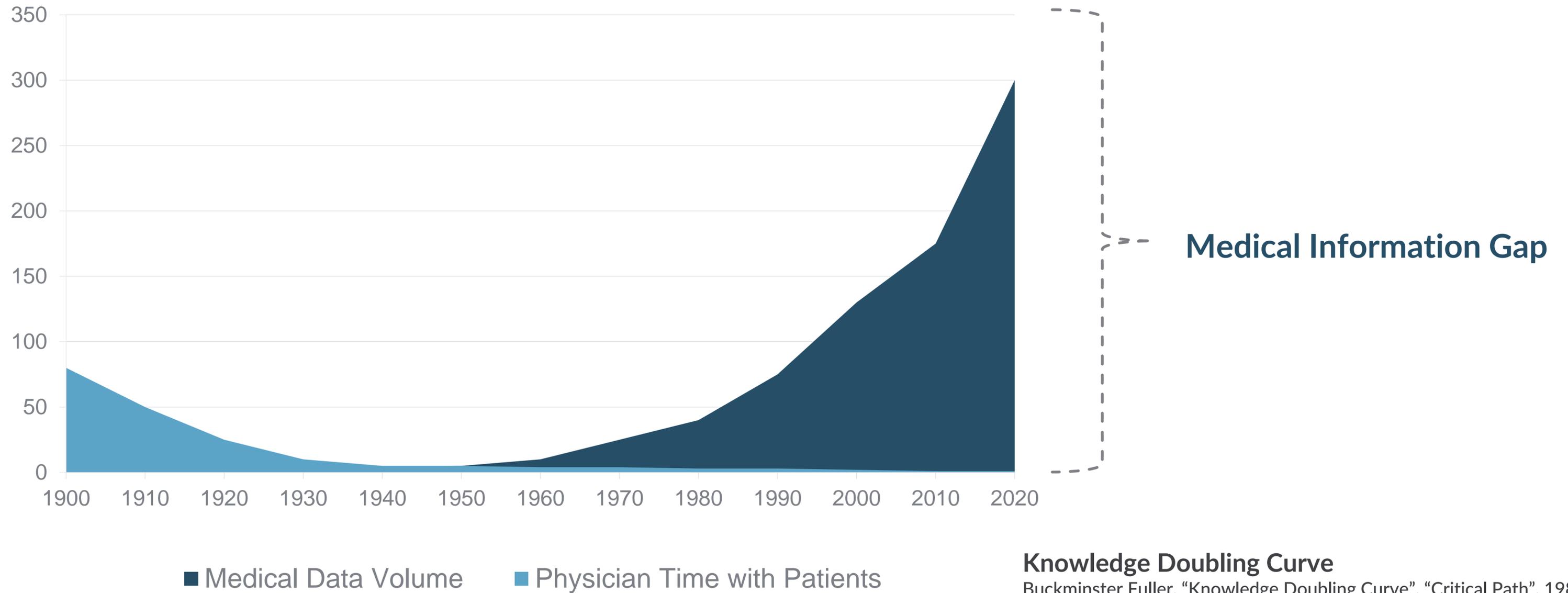
	2006	2007	2008	2009	2010	2011	2012	2013	2014
— ■ — Projected Total Medical Costs	\$233.0	\$258.9	\$285.7	\$306.4	\$316.5	\$339.4	\$359.9	\$373.7	\$390.8
Calculated Inflation Rates		10.23%	9.20%	5.24%	3.15%	6.55%	5.89%	3.65%	3.41%
Population Change (Increase)		0.88%	1.16%	1.99%	0.15%	0.68%	0.16%	0.21%	1.15%
— ■ — Actual Total Medical Costs	\$233.0	\$231.2	\$245.4	\$278.9	\$283.6	\$280.8	\$288.5	\$274.8	\$223.6

- [A] MedExpert provides decision support services only (IMDS)
- [B] Addition of MedExpert's health risk questionnaire (HRQ) along with benefit design changes
- [C] Addition of MedExpert's biometric (Healthy Measures) program along with benefit design changes
- [D] Independent evaluator from CMMI project assesses high health status of 2014 population

WHY MEDEXPERT EXISTS



KNOWLEDGE DOUBLING CURVE LEADS TO A **PROFOUND INFORMATION GAP**



CONSEQUENCE FROM THE INFORMATION GAP AND LAG IN DISSEMINATION

>50% Error rate in all healthcare decisions

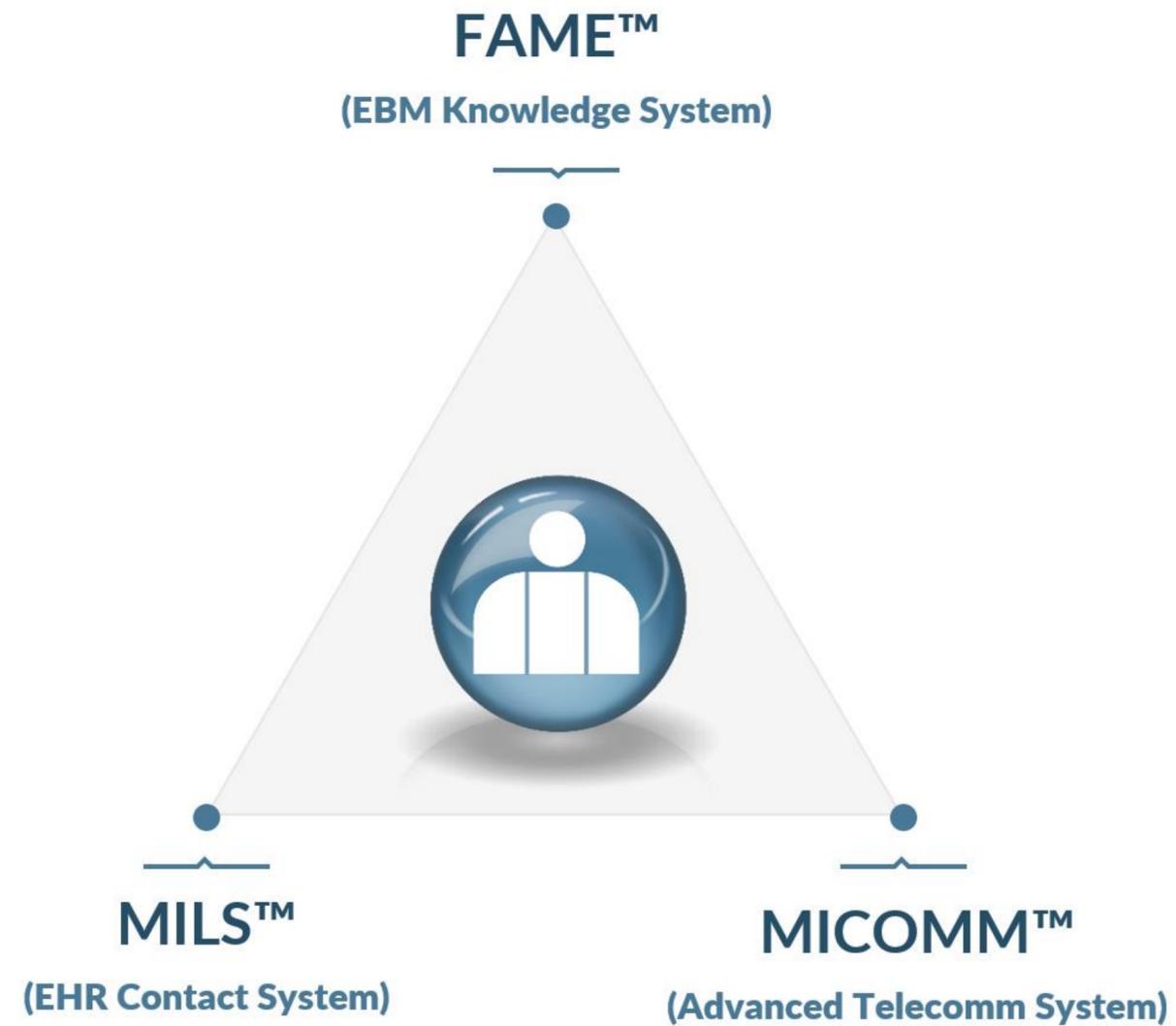
Studies – 2004, RAND; 2008, 2009 PricewaterhouseCoopers, LLC

More than half of healthcare services and procedures are inappropriate, unnecessary or wasteful



MEDEXPERT ENGINEERED A SOLUTION

AN ADVANCED TECHNOLOGY PLATFORM TO DELIVER AN EVIDENCE –BASED MEDICAL SYSTEM



REACHING YOUR MEMBERS EVERY MONTH

Advanced Telecommunication System



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Member Identified

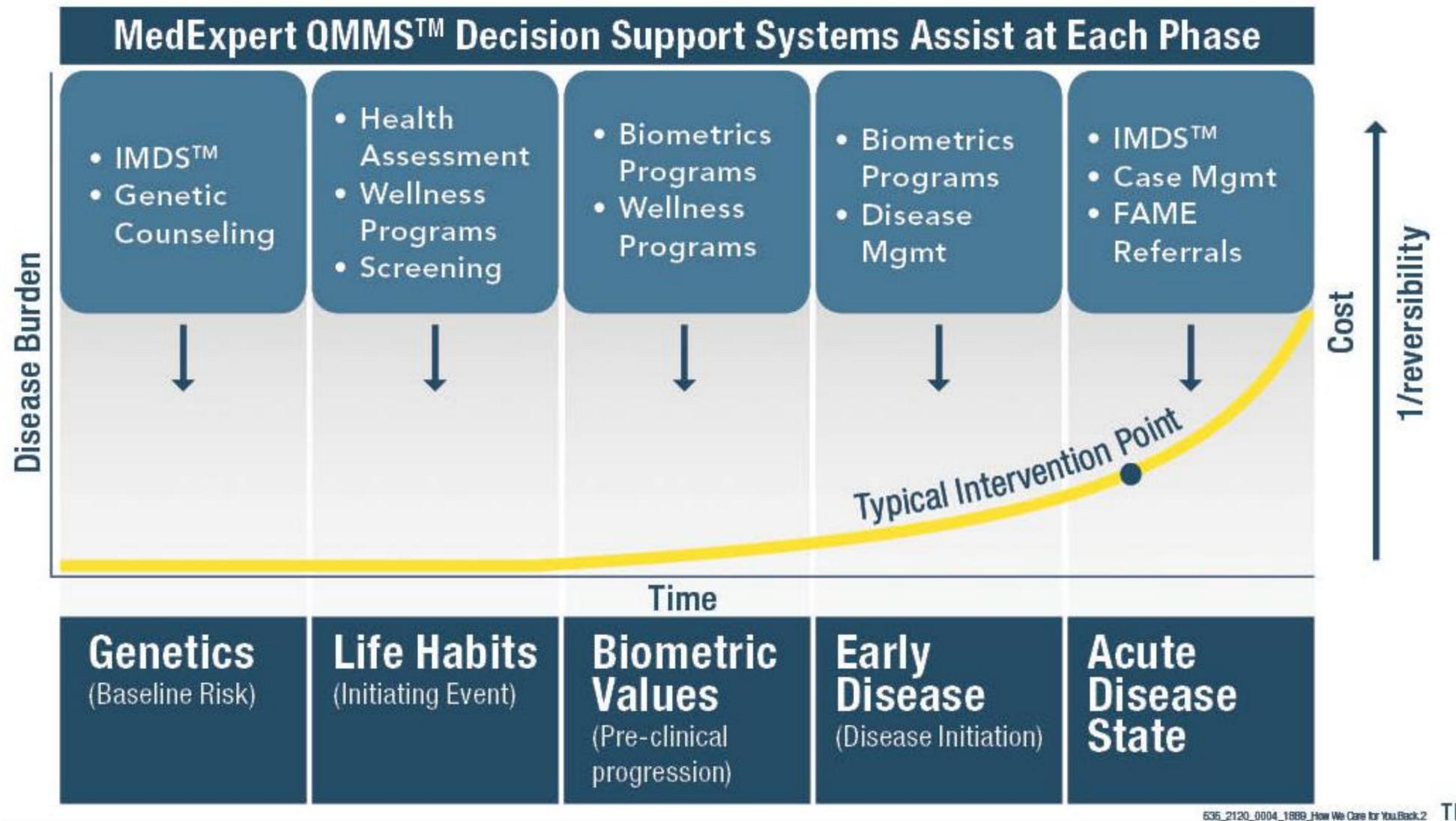


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Member Routed
to Their Case Coordinator



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Member's Information
Loaded in EHR

QUALITY MEDICAL MANAGEMENT SYSTEM



MedExpert's Quality Medical Management System (QMMS™) is a fully integrated patient-centered population health solution providing:

- Care Coordination
- Decision Support
- Health Management (Informed™ DM, CM, UM2.0)
- Wellness & Assessment Programs
- Patients Navigation & Advocacy
- Biometric & Screening Programs
- Data Integrated, Management & Reporting

WHY MEDEXPERT WORKS

1. No one wants two surgeries if one is right;
2. No one wants one surgery if none is right;
3. No one wants to be on 10 medications, if 3 is appropriate; and
4. A growing trend is more and more people do not want to go to a medical office or clinic if they can solve their problem at home.



Implementation Schedule
Less than 30 Days to Start
Full Population 90 days

Reference

- *“When Evidence Says ‘No’ But Doctors Say ‘Yes’”, February 22, 2017 (ref.)*
- *Congressional Budget Office (CBO), “Lessons from Medicare’s Demonstration Projects on Disease Management and Care Coordination”*



