

A Drug Therapy Management Collaborative for the Medicaid Population

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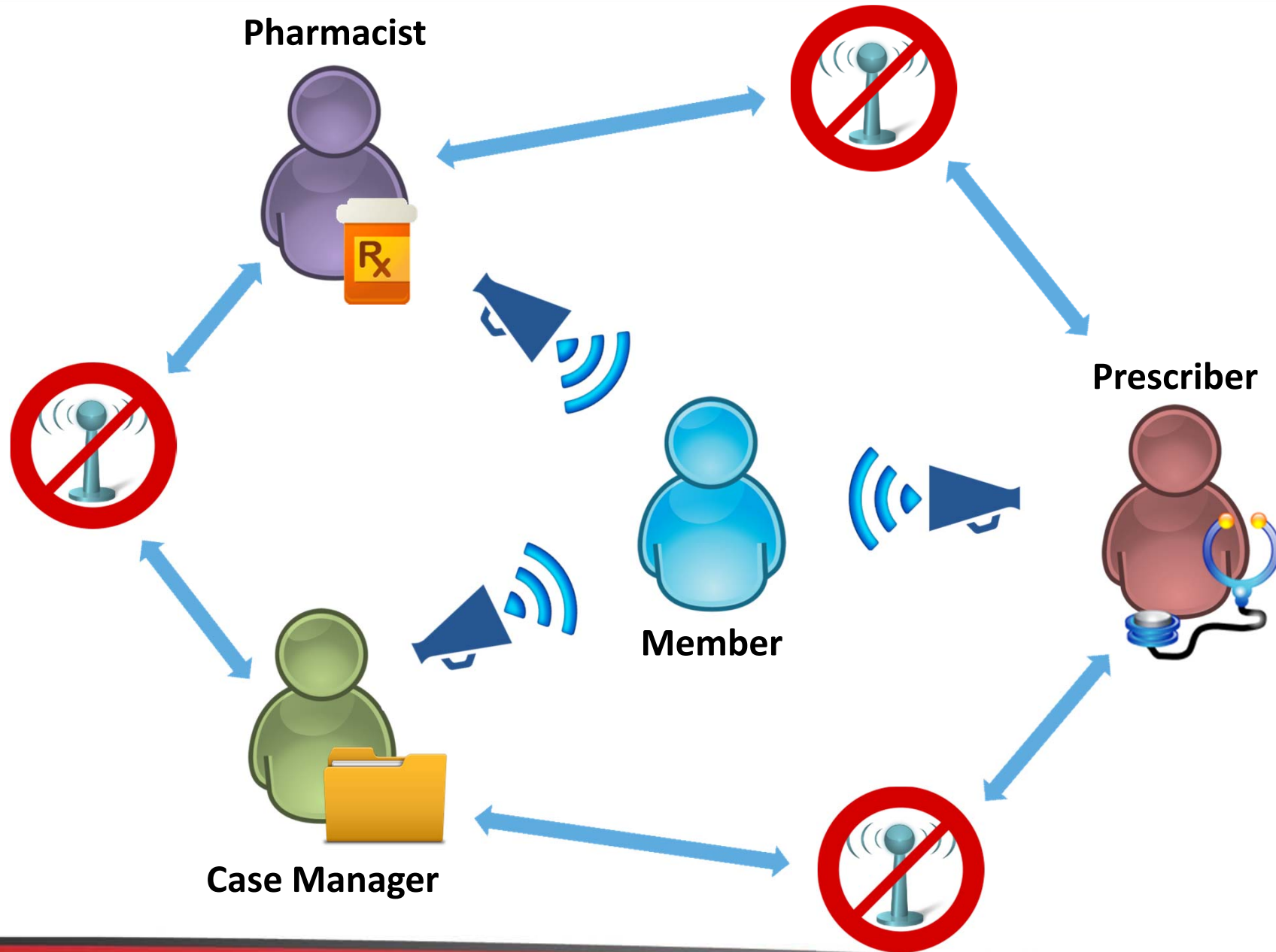
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- Discuss benefits of implementing a collaborative program
- Outline the design of a Drug Therapy Management (DTM) program that positively impacts health plan costs and quality outcomes
- Present interventions and outcomes of a DTM program applied to the asthma population



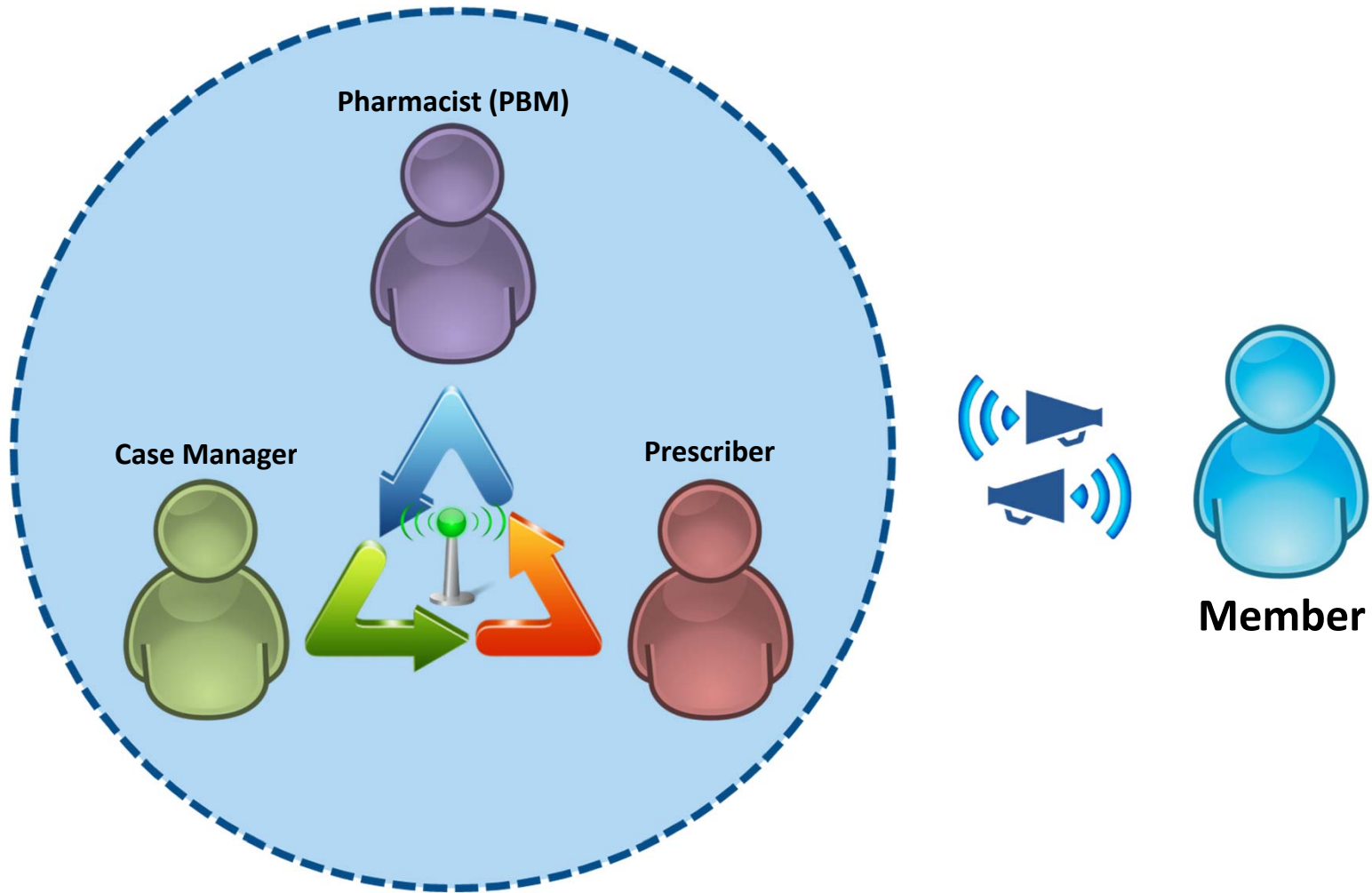


Aligned with the Institute for Healthcare Improvement Triple Aim

- ✓ Improving the patient experience of care (including quality and satisfaction)
- ✓ Improving the health of populations
- ✓ Reducing the per capita cost of health care

“Medication-related problems and medication mismanagement are a massive public health problem in the U.S.

*Experts estimate that **1.5 million preventable** adverse events occur each year that result in **\$177 billion in injury and death.**”*



- ◆ DTM is a pharmacist-driven program which optimizes drug therapy and addresses patient drug safety through:
 - **Analysis** of integrated pharmacy, medical, hospital, ER, lab, vision and dental data to identify pharmacy-related gaps in care
 - Personalized **consultations** with patients
 - **Engagement** of patients and prescribers
 - **Augmentation** of existing Disease Management, Case Management, and other Quality Programs



◆ **URAC-Accredited** *(1 of 4 in the nation)*



- ✓ Targeting Criteria
- ✓ Integration into workflow
- ✓ Identification of available resources
- ✓ Types of interventions
- ✓ Escalation process
- ✓ Reporting functions
- ✓ Outcomes



Intervention and/or Referral

Medication Therapy Review

Possible referral of patient to physician, another pharmacist or other healthcare professional

Interview patient and create a database with patient information

Review medications for indication, effectiveness, safety and adherence

List medication-related problem(s) & prioritize

Create a plan

Interventions directly with patients

Interventions via collaboration

Physician and other healthcare professionals

Implement plan

Create/Communicate

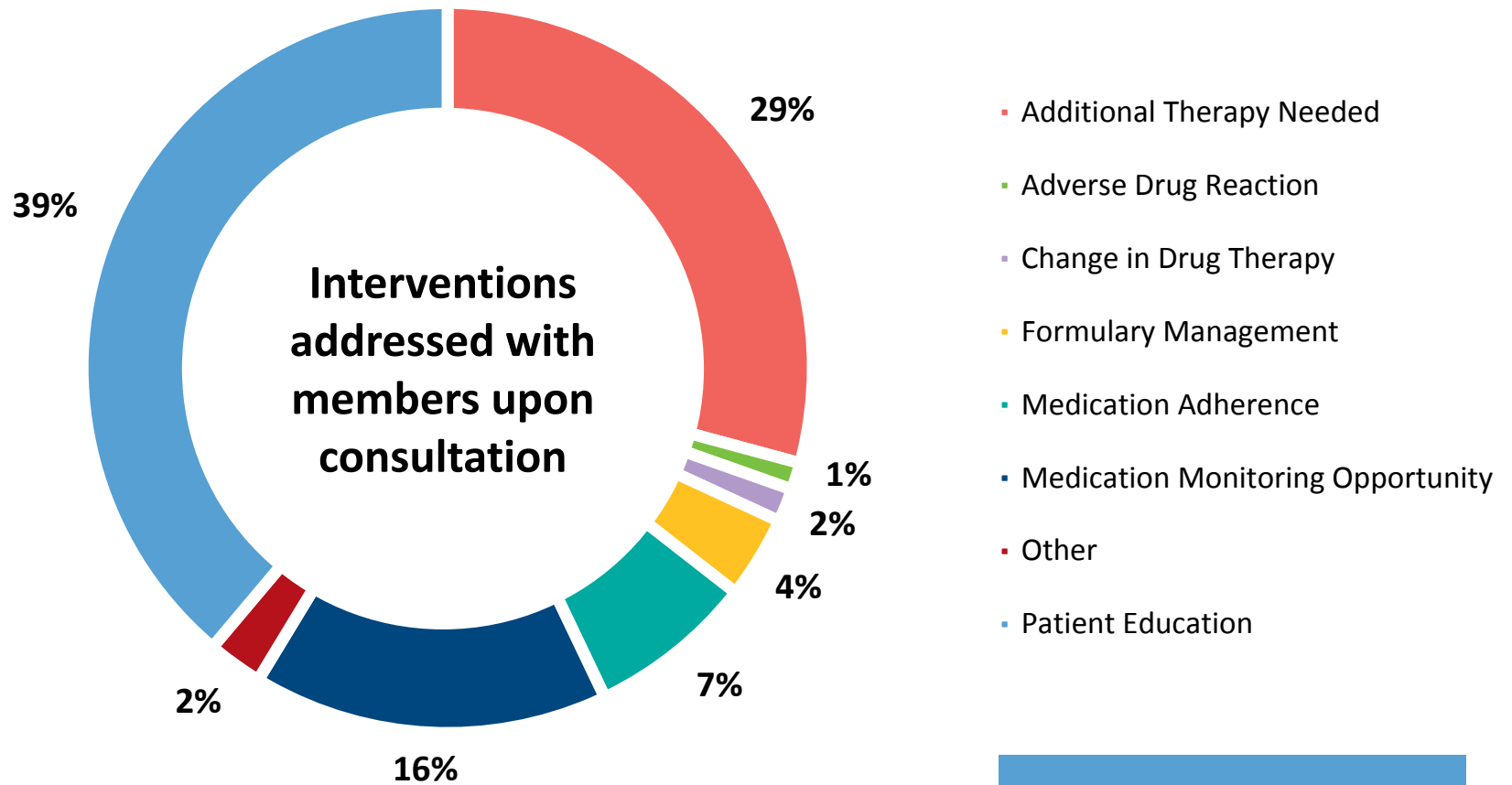
Create/Communicate

Create/Communicate & Conduct

Personal Medication Record (PMR)

Medication-related Action Plan (MAP)

Documentation & Follow-up



67%
Acceptance Rate

536 asthma members in study group compared to a control

- Regression models were used to adjust for independent variables
- Seasonal differences were evaluated between groups and were not statistically significant

The following outcomes were observed:



Inpatient Admissions
23% lower in study group



Outpatient Visits
18% higher in study group



Pharmacy Utilization
Increase in medication fills

- ❖ Our DTM program has **demonstrated effectiveness with highly complex populations**
- ❖ Further **refinement** and **expansion** of the program is under way with continued **reporting** expected as it evolves
- ❖ **Positive results** would be expected when applied to other populations

*PERFORM***R_X**SM