



Unlocking The Value of Pharmacists: Financial Stability

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Summary: Need for Pharmacist Financial Stability

Pharmacists have the training and ability to manage patient medication therapy needs

Medications major therapy choices the US

Medication Problems

Primary care needs

- 26.7 hours/day to provide guideline-recommended ⁹
- a mean of 26 seconds discussing new medications. ¹⁰⁻¹²

**Needed for
sustainability
and fair
reimbursement**

- Laws and regulations
- Payment
 - Federal
 - State
 - Commercial
- Standardization in defining services and their measurement to achieve consistent expectations

Laws and regulations required for patient care services by pharmacist payment.

Designation as a legal health care provider

Pharmacy practice act scope of practice covers services provided

Requires payment for services in State Insurance Code

Pharmacist Reimbursement for Patient Care Services

Medicare

- Fee for Service
 - Established patient 99211 (E/M)
 - Chronic care family-CCM, Complex CCM, PCM, TCM (E/M)
 - APCM, ASCVD (new for 2025)
 - RPM, CGM (E/M)
 - AWW
 - FQHC/RHC models
 - DSMT*, MDPP*
 - ATC management
 - Health-system hospital – “facility fee”
 - ACOs as a contributor
 - MTM Part D*
 - Quality Measures as a contributor
- * Payment direct to pharmacists

State Medicaid²⁰

- Fee for Service
 - Follow some or all of Medicare codes
 - May use additional CPT codes
 - MTM codes
 - Standing orders or state protocols
- ACO's as contributors
- Quality Measures as a contributor

Commercial Payers

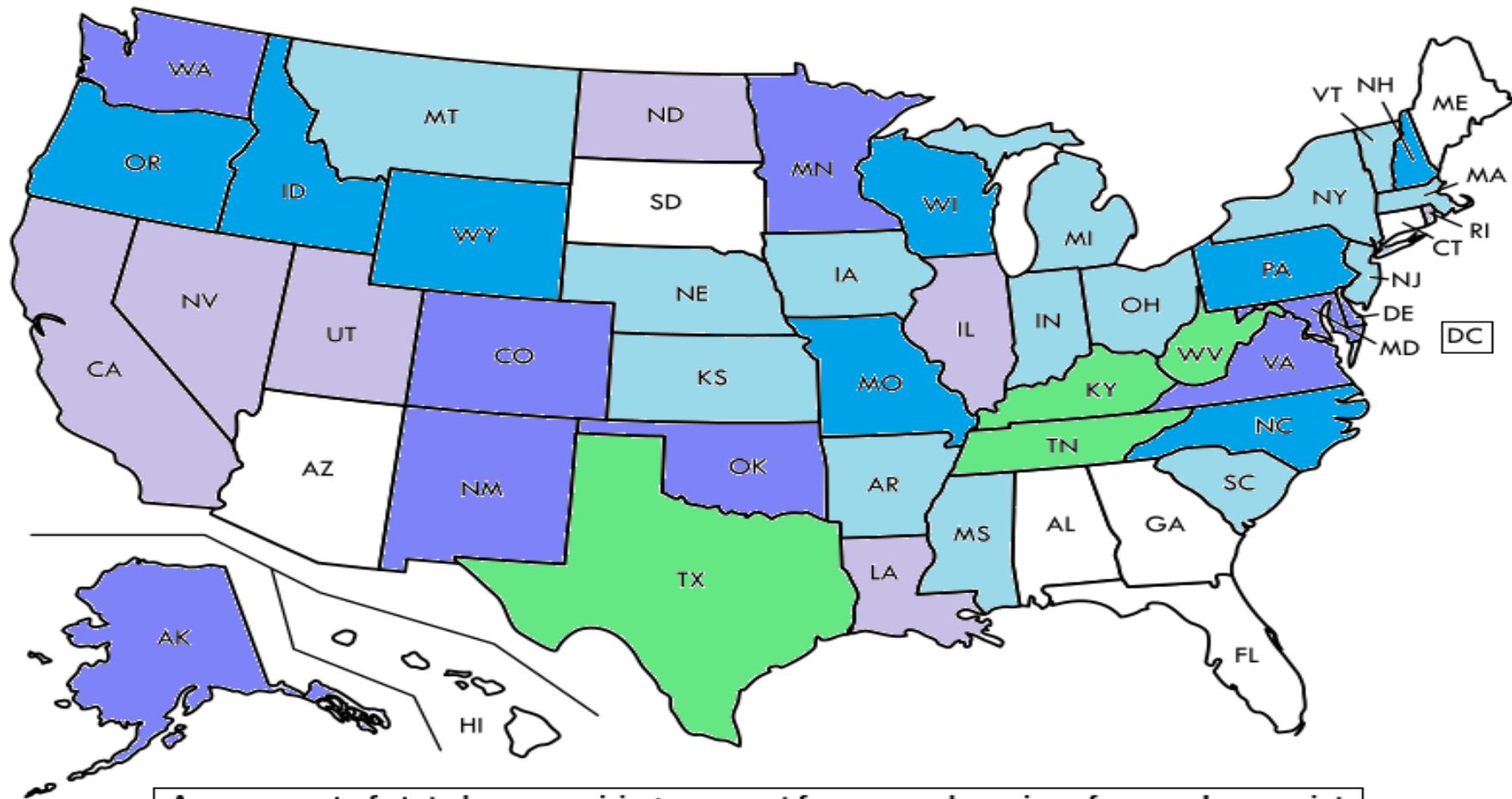
- Fee for Service
 - Follow some or all of Medicare codes
 - May use additional CPT codes
 - MTM codes
 - State standing orders or state protocols
- ACO's as contributors
- Individual contracts
- Quality measures as a contributor

Map of the United States showing OLP status for pharmacists by state. States are color-coded: Green for 'Pharmacists designated as OLP for all services within scope of practice', Light Blue for 'Pharmacists designated as OLP for specified services only', and Pink for 'Pharmacists not designated as OLP'.

Green	Pharmacists designated as OLP for all services within scope of practice
Light Blue	Pharmacists designated as OLP for specified services only
Pink	Pharmacists not designated as OLP

As of April 2025

2025 State Pharmacist Provider Status Laws



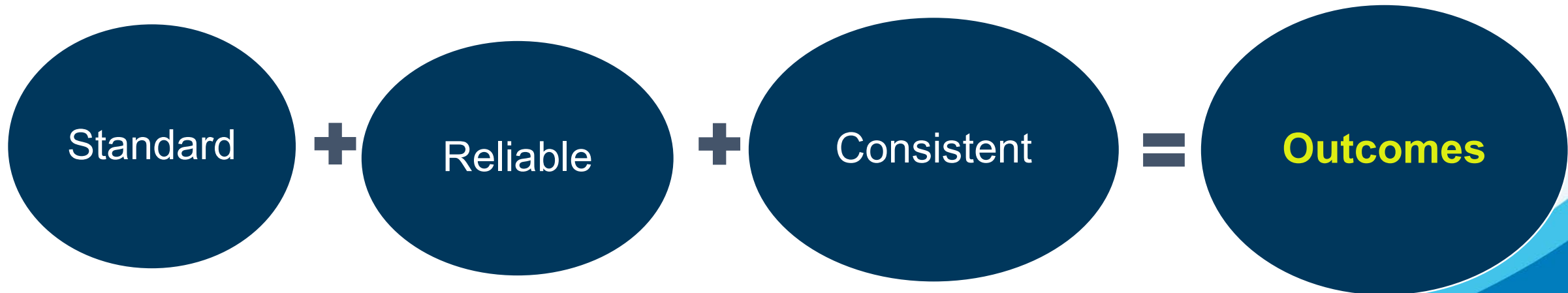
Assessment of state laws requiring payment for covered services from a pharmacist

	Commercial and Medicaid – any service in scope of practice
	Commercial – any service in scope of practice
	Medicaid – any service in scope of practice
	Medicaid – specific services only
	Commercial and Medicaid – specific services only

Kyle Robb, PharmD., Director, State Policy Advocacy Office of Government Relations ASHP

As of April 2025

Services delivering consistent expectations



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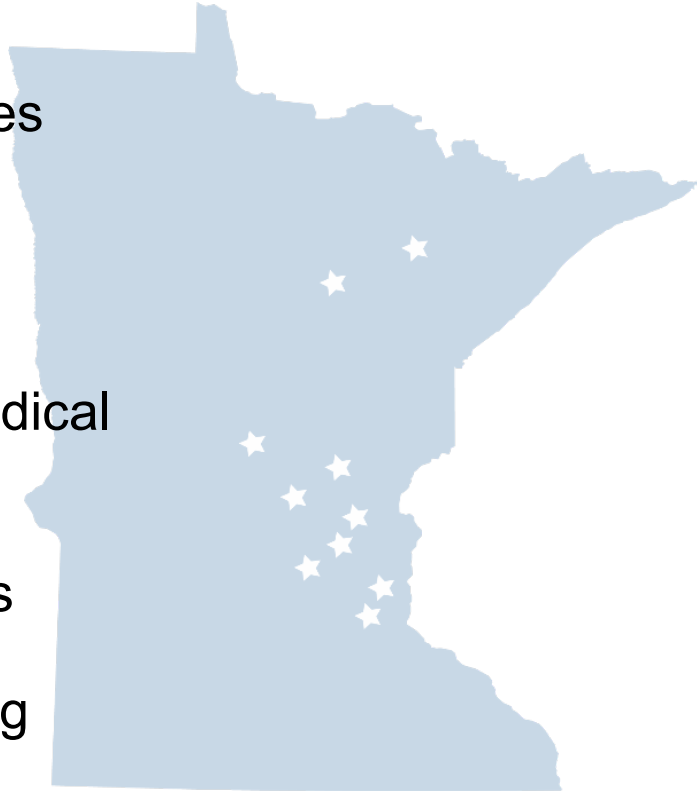
Thank you!
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Fairview

AMANDA BRUMMEL, PHARMD, BCACP
VP, CLINICAL AMBULATORY SERVICES

Fairview Health System

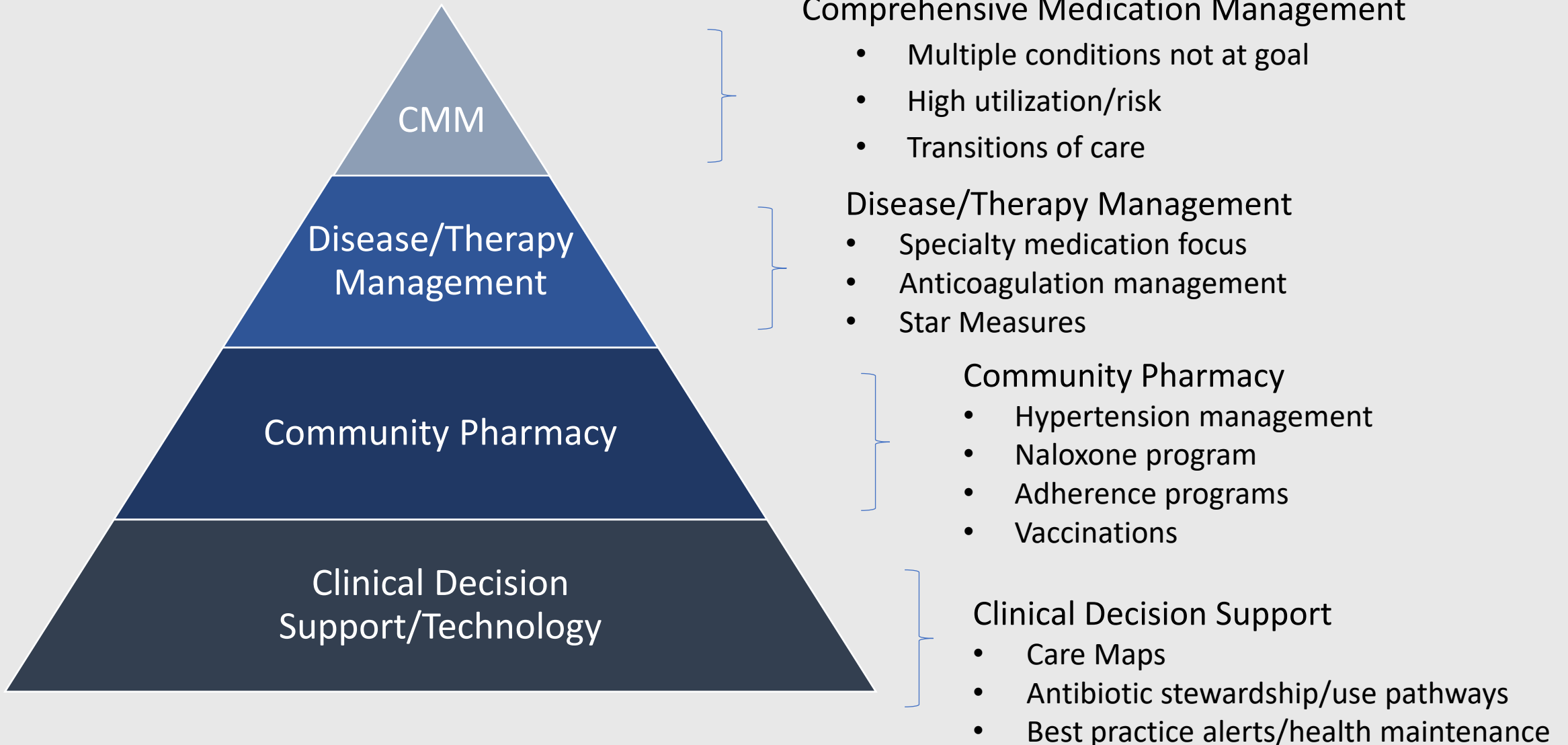
- 34,000+ employees
- 5,000 system providers
- 12 hospitals & medical centers
- 2,140 staffed beds
- 70+ senior housing



COMPREHENSIVE PHARMACY SERVICES

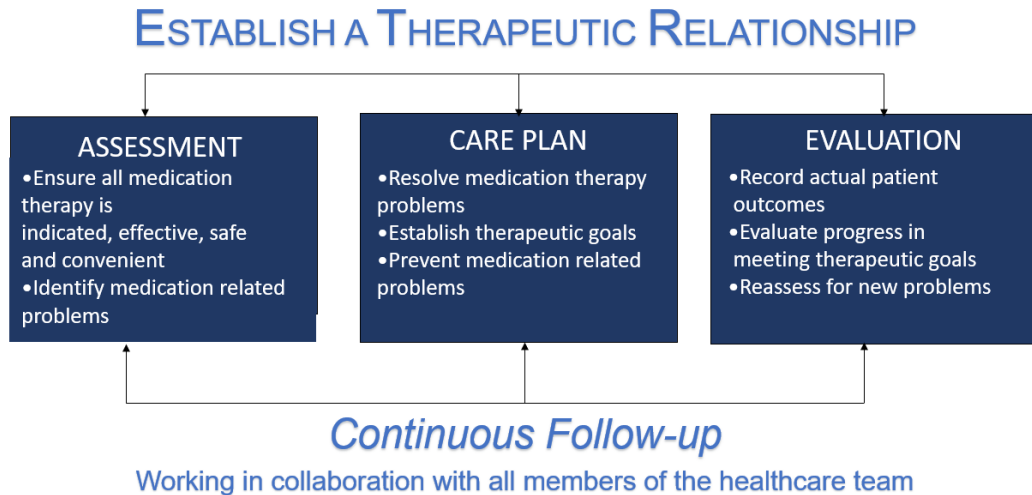
- Retail pharmacies (26)
- Hospital pharmacies (11)
- Specialty Pharmacy (50 states)
- Infusion services (13 states)
 - Fairview Home Infusion
 - Infusion Centers
- Medication Therapy Management (60+ clinics)
- Mail Service Pharmacy
- IntegraDose
- ClearScript (PBM)
- Fairview Pharmacy Solutions
- Compounding Pharmacy
- Central Packaging
- Long Term Care/Assisted Living Pharmacy
- Investigational Drug Pharmacy
- Anti-coagulation (30+ clinics)
- Wholesale Pharmacy
- Advanced Drug Therapy Program
- Center for Bleeding and Clotting Disorders - Clinic & Pharmacy

Our clinical pharmacy population health approach



Comprehensive Medication Management Program

Comprehensive Medication Management (CMM)



www.accp.com/cmm_care_process

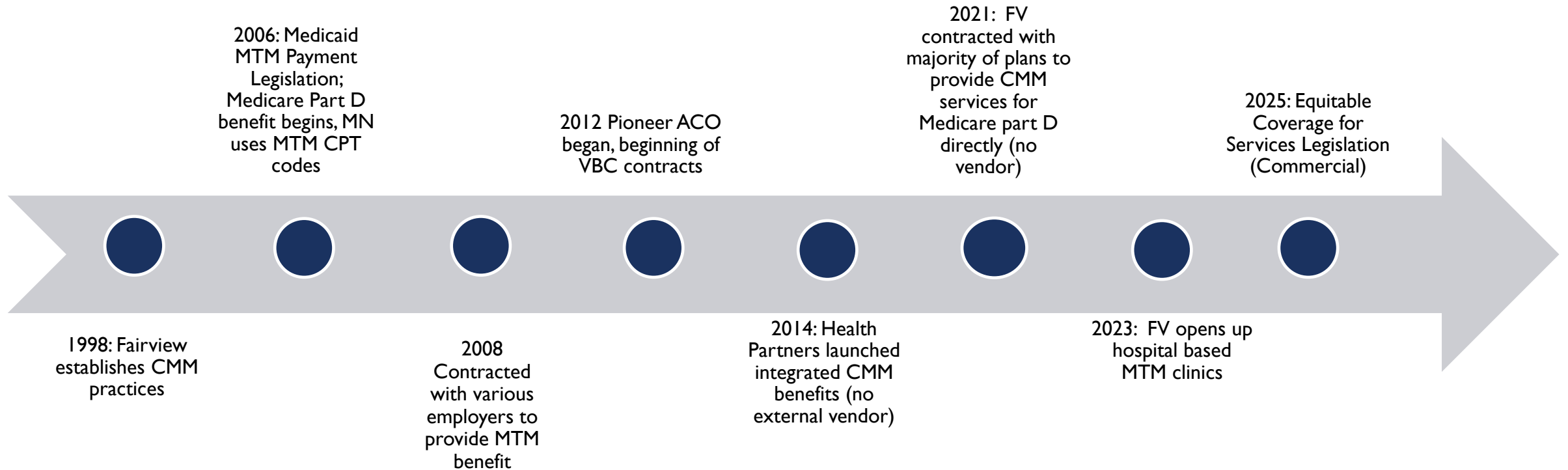
MTM program developed in 1997 in partnership with the University of Minnesota College of Pharmacy

Now consists of a network of 70 pharmacists at 65 locations

- 40 primary care clinics, 25 specialty clinics (HIV/ID, Transplant/Nephrology, Pediatric Transplant, Geriatrics, Women's Health, Psychiatry, Adult and Pediatric CF, Pain Management, Neurology, Medical Weight Management, Rheumatology, Gastroenterology, Dermatology, Endocrinology, Cardiovascular, Peds Oncology)
- 4 PGY-1 residents (primary care)

25,400+ patients with 57,000+ encounters in 2024

CMM & PAYMENT GROWTH AT FAIRVIEW



Fairview CMM Practices



CMM sites are located across the MHealth Fairview system and affiliated clinics

Each clinic site has their own patient care schedule

~600-700 patient panel per pharmacist FTE

Both in person and telemedicine visits available

Document in EHR

CPA to manage over 20+ conditions, in specialty areas CPA specific to that area



Referrals/Areas of Focus

Provider Referral

Utilize automated criteria to refer at-risk patients- Gaps in care and transitions in care

Automatic BPA when prescribing specialty medications

Health Plan referrals



Financial Infrastructure

Bill 99605-99607 codes

Credentialed/Enrolled with Health System & Health Plans for services

Fairview involved in ACO/VBC contracts with financial risk- CMM is a part of this structure

CMM business office- focuses on coding and claims submission

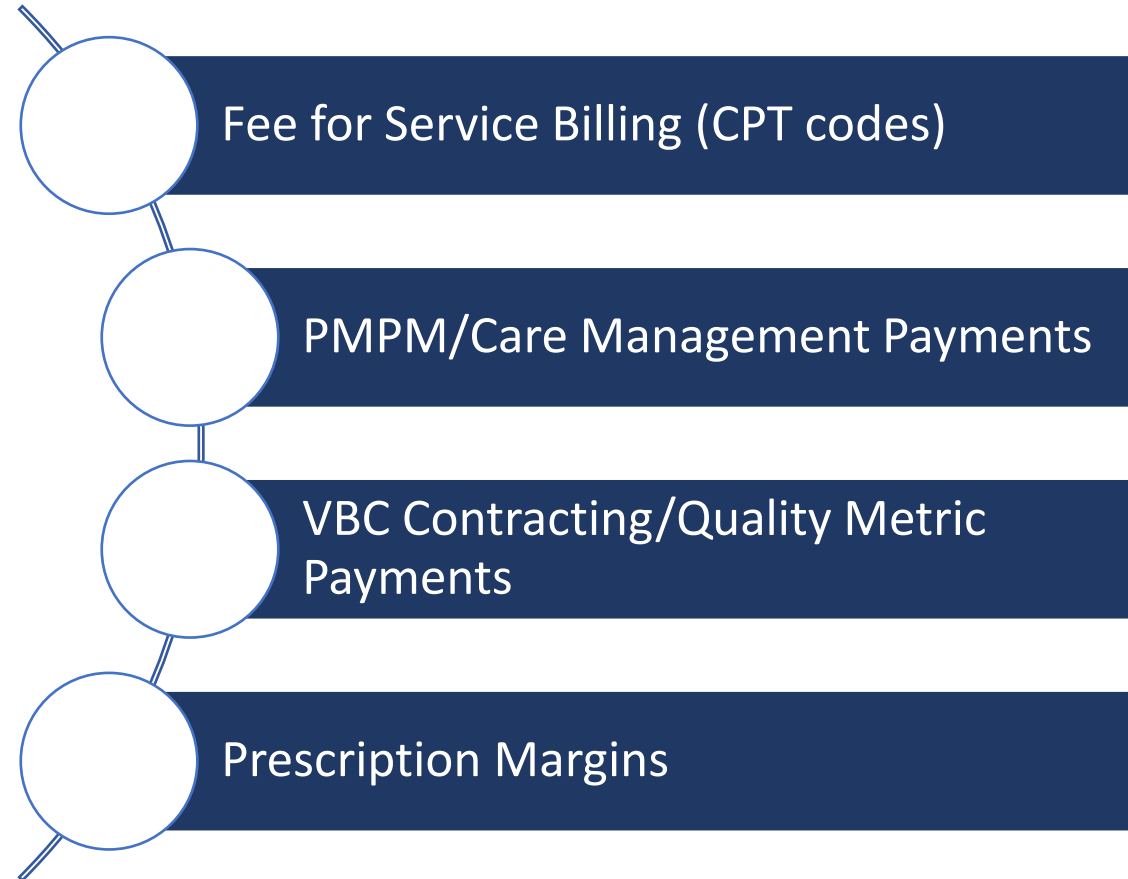
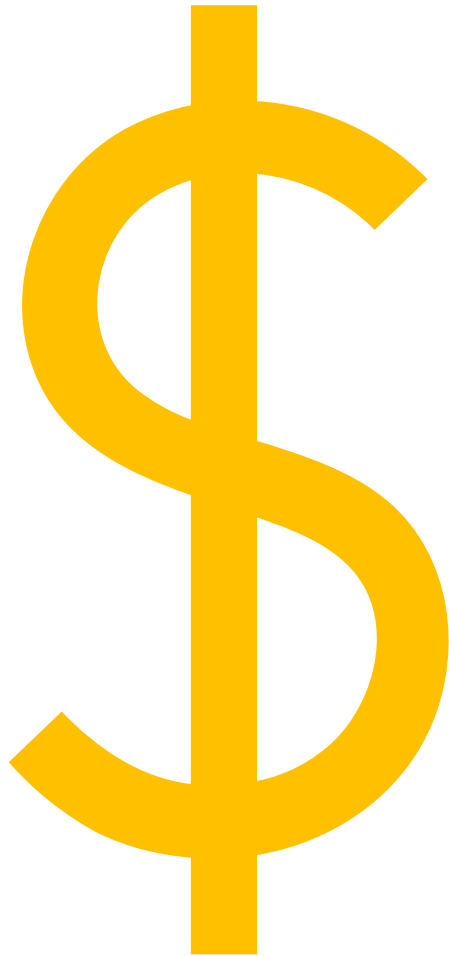
Evidence to Support Impact

Clinical Impact	Economic Impact	Humanistic Impact
33% reduction in readmissions for MTM patients.¹ - Improved medication adherence for diabetes medications, statins, angiotensin-converting enzyme inhibitors (ACEIs) or angiotensin II receptor blockers (ARBs) and beta blockers.² - Percentage of diabetes patients optimally managed was significantly higher for MTM patients compared to non-MTM patients (21.5% vs. 45.5%, P<0.01).³ 70% of our CF pts had a higher MPR & a 33% reduction in hospitalizations related to exacerbations - In our BPGAP program patients with controlled BPs increased from 56% to 74% in the 3- to 6-months following enrollment⁴	- MTM showed a reduction in total annual health expenditures exceeded the cost of providing MTM services by more than 12 to 1.⁵ - An employer analysis showed that for each \$1 of MTM billed costs an average of \$8.98 savings of total health care costs occurred. - Financial help securing prescriptions- ~122M in 2023 (excluding outpatient infusion)	- In a patient satisfaction survey, 96% of respondents agreed or strongly agreed in recommending our pharmacy services. - Focus group study identified themes of patient-perceived value of MTM⁶ - Collaboration of the health care team - MTM pharmacist as an advocate - MTM pharmacist as a resource for questions and education - Accessibility to the MTM pharmacist 87% or more of provider respondents strongly agreed or agreed that clinical pharmacist reduced their workload by working directly with patients & the care team, improved overall medication use, helped patients meet goals & quality measures, and overall helped them manage their panel of patients⁷

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Financial Sustainability

How do we support our services



Looking ahead we need to continue to advance...

1

Payment Sustainability

Ensuring our payment rates increase/keep up with the rate of program costs.

Increase opportunities for pharmacists to be reimbursed when providing equitable services.

Continue to advocate for changes to local & national legislation to recognize pharmacists as providers of healthcare.

2

Improved Productivity

Ensuring we have full schedules, are maximizing our time with patients, & improving practice efficiencies.

Challenging the way it has always been done (visit length, AI, etc).

3

Population Optimization

Ensure we are seeing the patients who need our care the most across our system.

Geisinger



Adriene Zook, PharmD
Manager, Ambulatory Clinical Pharmacy Programs

Geisinger Service Area

Geisinger Enterprise Pharmacy



Acute Programs

- Medication Optimization
- Multidisciplinary Team Rounds
- Emergency Bedside Response
- Antimicrobial Stewardship
- Anticoagulation Management
- Pharmacokinetics
- Medication Reconciliation
- Specialty Services (i.e. Hem/Onc, Peds)
- IV and Home Infusion
- OR



Planning, Strategy, & Analysis

- Innovation
- Project Management
- CarePaths
- Population Health
- EP Program Analysis and Evaluation
- Automation / Technology
- Data Informatics
- External Consulting



Operations & Compliance

- Medication Safety
- Corporate Compliances
- Policies and Procedures
- 340B



Ambulatory Programs

- Specialty and Primary Care Disease Mgmt.
- Centralized Clinical Pharmacy Svcs.
- Retail
- Mail Order
- Specialty
- Meds to Beds
- Pharmacogenomics program
- Pharm. Patient Assistance



Contracting & Procurement

- Clinical focused formularies
- IDN Contracting
- IDN Procurement
- IDN Formulary



Knowledge Management

- Pharmacy Residency programs
- Student Coordination
- Staff Training Programs
- Competency Development
- Patient Education Materials / Programs
- Collaborative Practice



Managed Care

- Medication Benefit Design & Management
- Medication Utilization Management
- Medication Adherence
- Managed LDD and Specialty pharmacy network
- Treat-to-Target HEDIS metrics
- Prior Auth



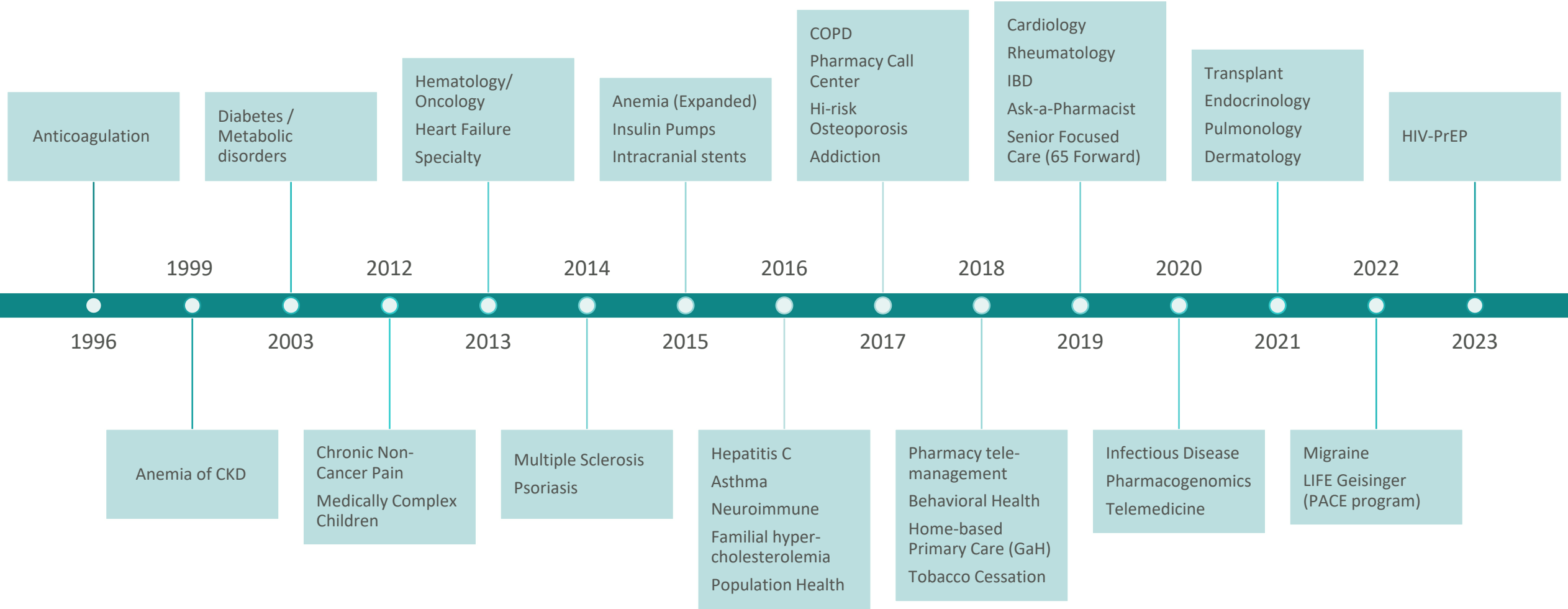
Center for Pharmacy Innovations & Outcomes

- Investigational Drug Services
- Pharmacy Research
- Pharmacy Outcome Studies
- Research Grants
- Translating Research into Practice

Pharmacy Care Coordination & Enterprise EHR

Not a building; not a pharmacy: A complete system of clinical pharmacy resources responsible for medication management systemwide. We are matrixed throughout Geisinger as a distributed pharmacy and pharmacist network who maintain the patient at the center of all we do.

MTDM: Fueled by Over 25 Years of Experience and Growth



Ambulatory Clinical Pharmacy Programs



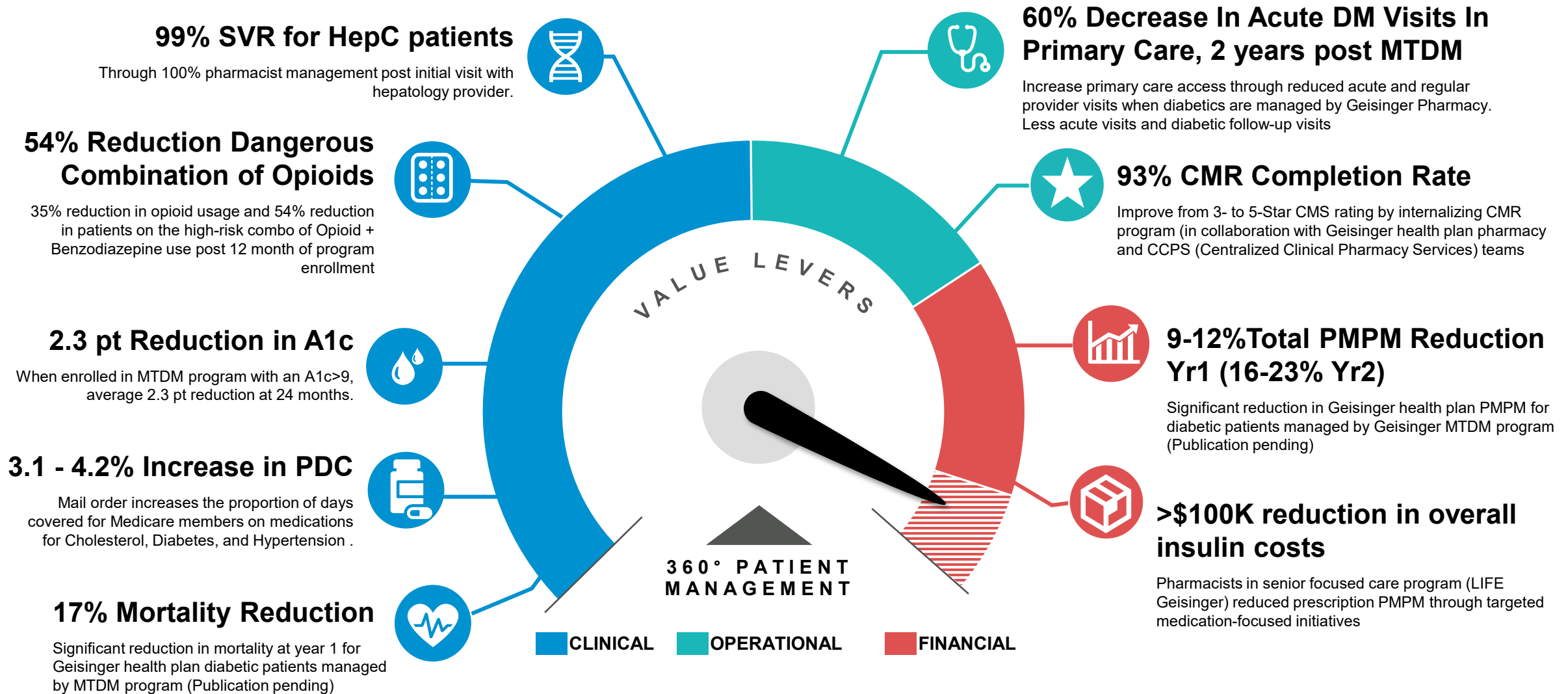
MTDM Primary Care

MTDM Specialty Care

Non-Traditional MTDM

Model	• Comprehensive, high-value, high-touch, longitudinal disease management	• High-value, low-moderate touch, highly specialized interventions	• Comprehensive, high-value, high-touch, hybrid of specialized interventions and disease management aimed at the geriatric and > 65 years • Specialty Services: Behavioral Health and Chronic Pain • Non-Clinical Enterprise Primary Care Expansion (Prime Med)
Diseases	• Anticoagulation, Diabetes, Insulin Pump starts and management, Hypertension, Hyperlipidemia, Chronic Pain, Migraine COPD & Asthma, Smoking Cessation, HIV Oral PrEP, AWW,	• Rheumatology, gastroenterology, neurology, cardiology, endocrinology, dermatology, pulmonology, hepatology, nephrology	• Geriatric care: Anticoagulation, Diabetes, Hypertension, Hyperlipidemia, Heart Failure*, COPD & Asthma, Osteoporosis, Smoking Cessation • Behavioral Health • Chronic Pain
Scope	• 40 pharmacists • 34 practice sties • 400-600 active patients/FTE • Average visits/month: ~11,000 (including pain and behavioral health)	• 29 pharmacists • 24 practice sties • 350-500 active patients/FTE • Average visits/month: 4,700 (in person and virtual)	• 18 pharmacists • 4 pharmacy technicians • 17 practice sties • ~775 total med recs/month completed for senior-focused programs • ~5000 visits/month senior-focused care

How does Geisinger Pharmacy Drive Clinical, Operational, and Financial Value?



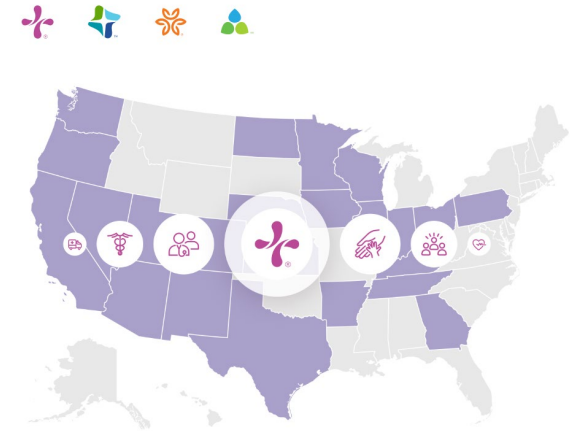
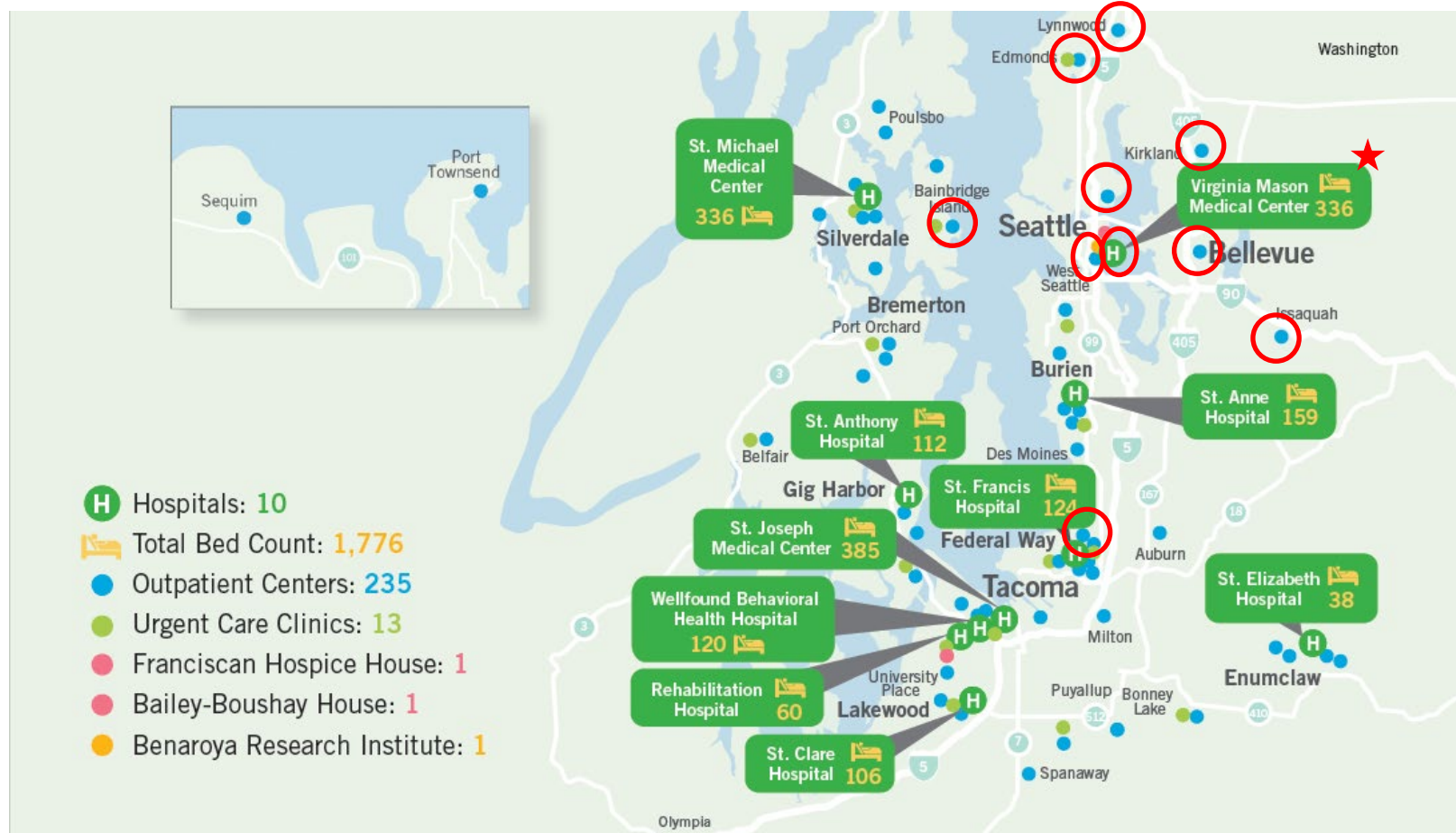
Key Messages for Future Growth

- Define, track, and report out clinical, operational and financial impacts
- Optimize revenue generating opportunities without losing focus on patient outcomes
- Explore and address Organizational Value Opportunities
 - Physician access needs
 - Quality scores
 - HEIDS Metrics
- Pursue opportunities for value-based agreements or payor partnerships
- Implement efficient programs by optimizing technology and targeting the right patients
- Promote and publish program outcomes
- Advocate at a state and federal level for provider status and enhanced reimbursement

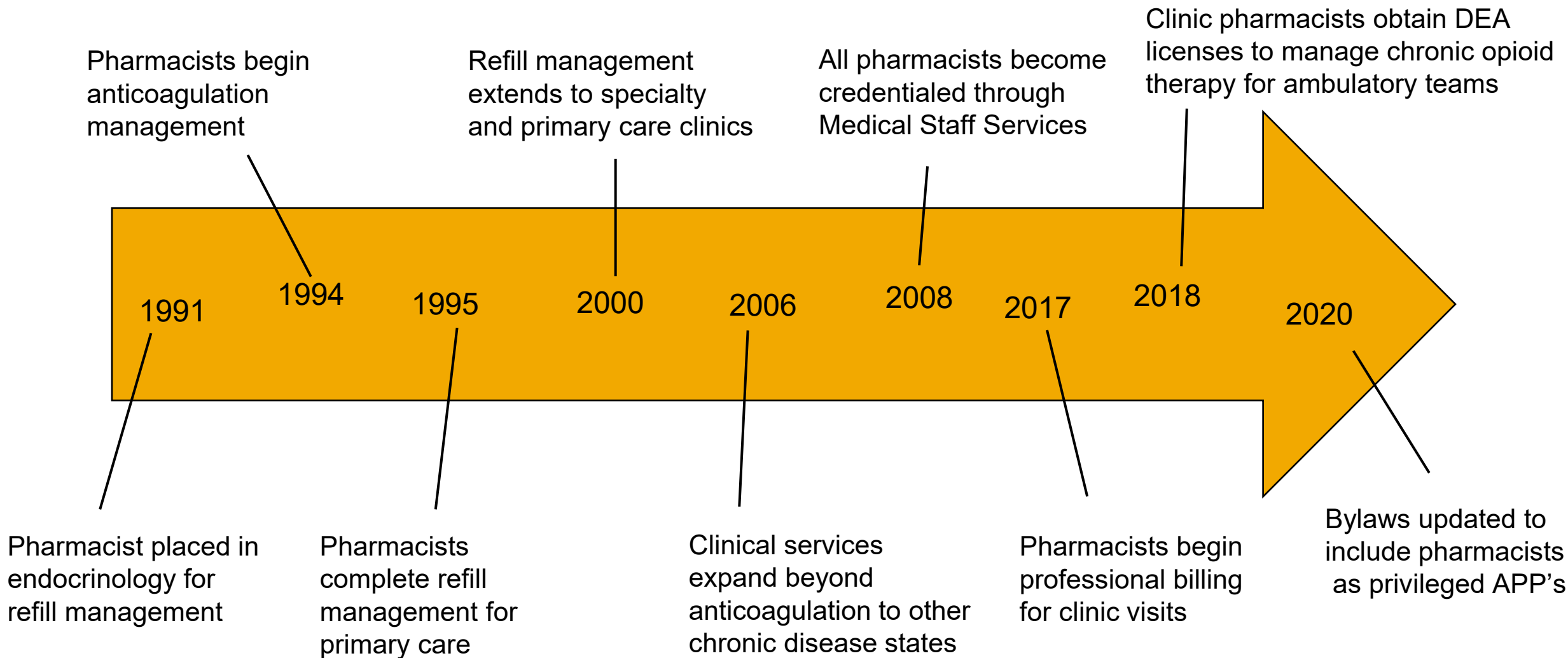
Virginia Mason Franciscan Health

Laura J Hanson, Pharm D, MBA, BCPS
Virginia Mason Medical Center (VMMC)
Seattle, Washington

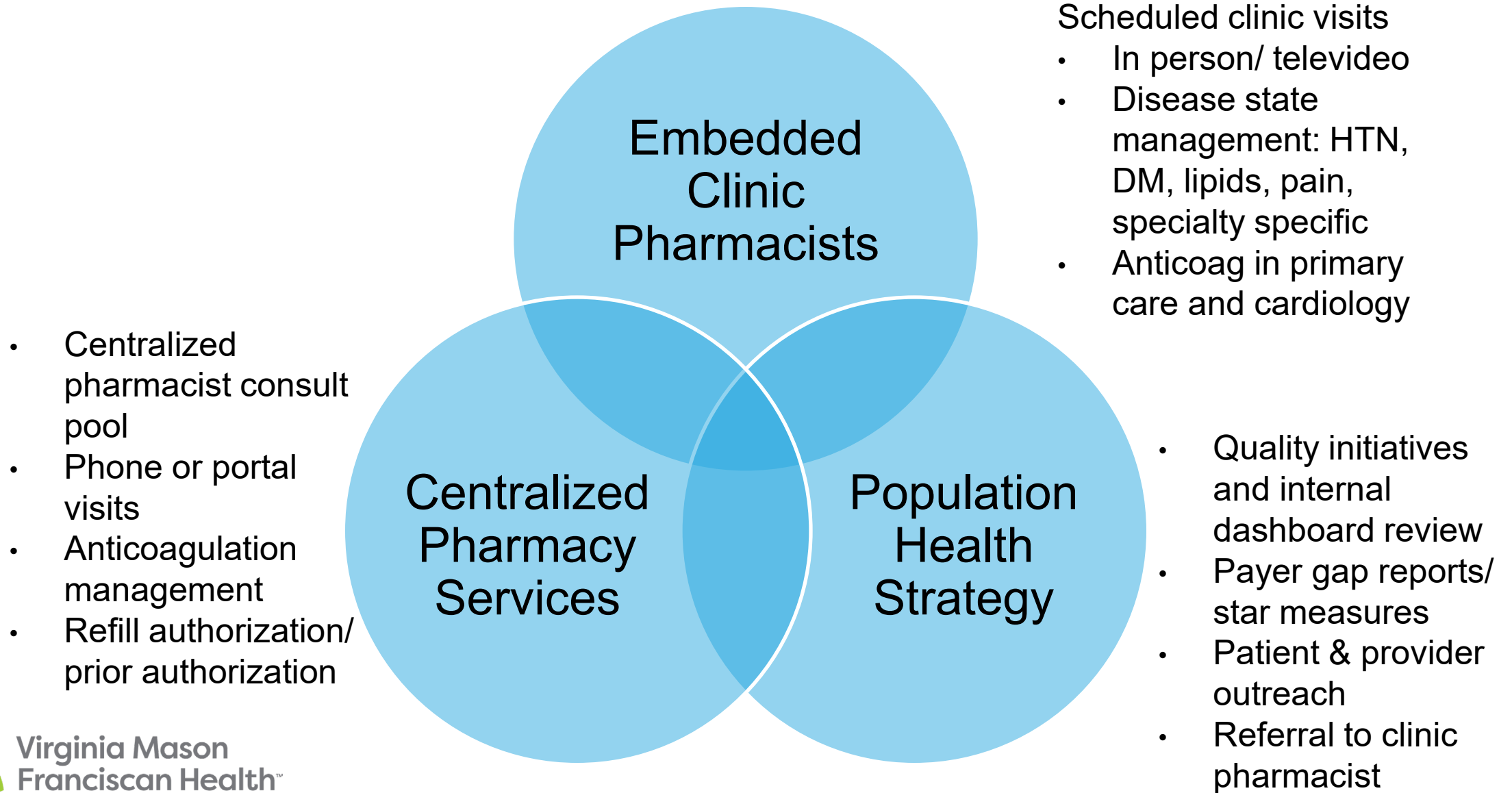
Virginia Mason Pharmacist Clinic Locations



Virginia Mason Pharmacist Practice Journey



Virginia Mason Practice Model



Virginia Mason Ambulatory Pharmacy Overview

Embedded clinic pharmacists = 17 FTE

- 9 primary care & 8 specialty care clinics
- Residency trained
- Board certification required
- DEA licensure
- 2 PGY2 residents

Sustainable practice model

- ~32,000 annual visits primary care & specialty clinics
- ~\$7,500,000 gross charges
- Billing method same as other clinic providers
- Budget 8-12 visits / FTE / clinic day

Centralized teams

- Clinic support= 3 pharmacists & 2 techs
- Float pharmacists = 2 pharmacists
- Refill auth/prior auth team = 14 pharmacists & 7 techs
- Population health = 1-2 days/week + learner support

Centralized clinic services annual volumes

- 60,000 inbound messages
- 3,500 anticoagulation phone visits billed
- 120,000 refill authorizations

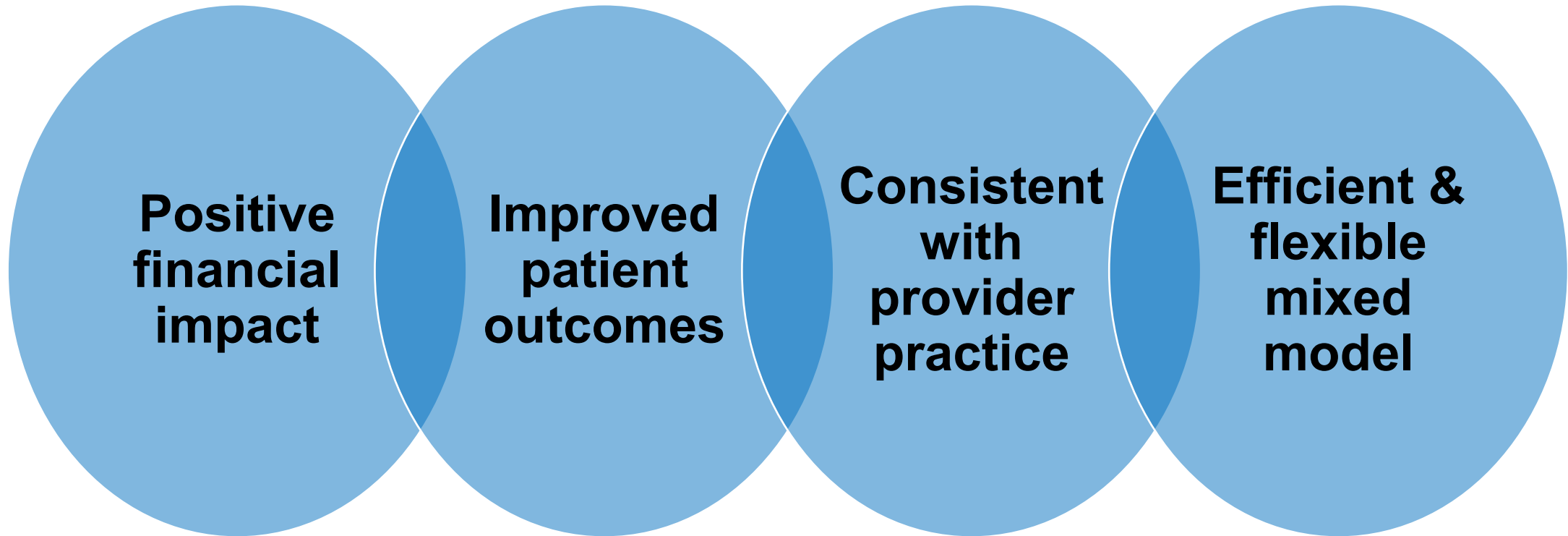
Broad CDTA inclusive of all disease states and medications



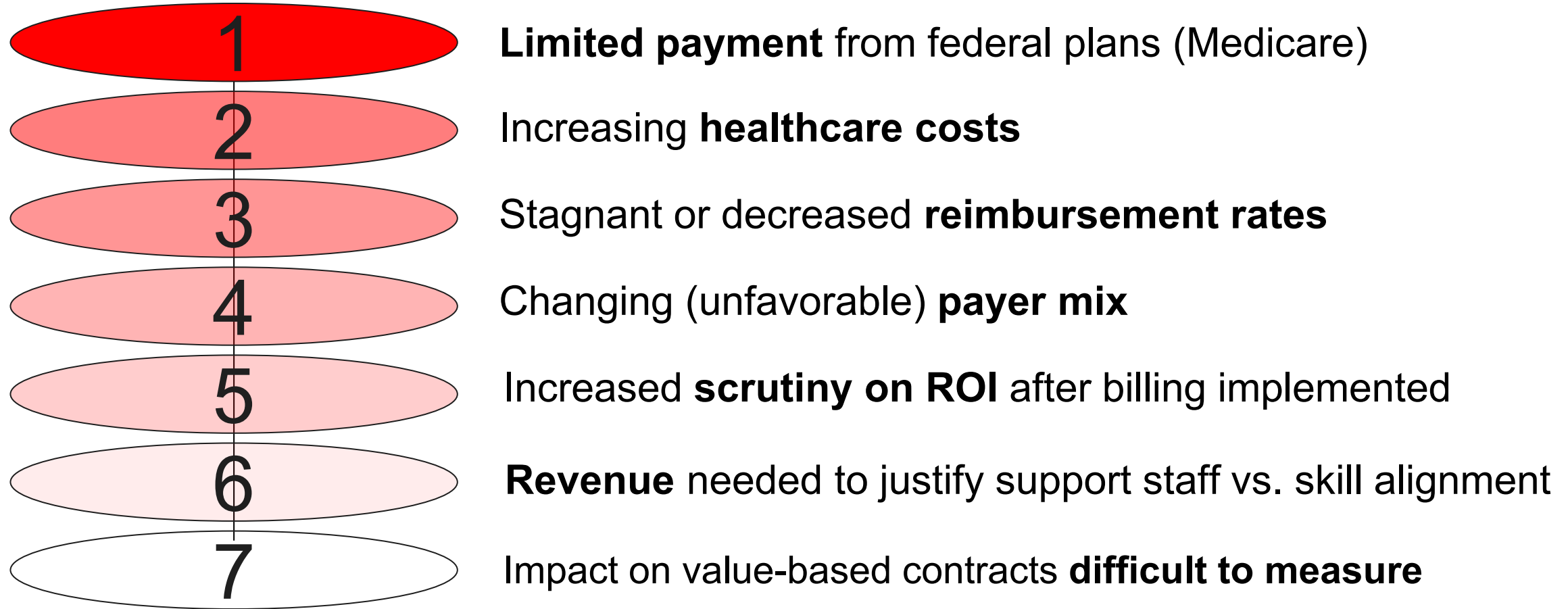
Population Health Strategy

- Pharmacist clinic management, centralized outreach
- 412K lives - value-based care opportunity

Benefits Associated with VMFH Practice Model



Barriers to Sustainability



Next Steps

Maintenance & Updates

Ongoing partnership with coding and compliance teams to identify new opportunities and maintain billing practice

1

Improved Clinic Efficiency

Improve template utilization, referral workflows, accurate scheduling, and decrease no show visits

2

Leverage support

Reimagine roles for pharmacy technicians and pharmacy learners

Focus skill task alignment

3

Strategy & opportunity

Expand centralized model to support quality initiatives

Leverage technology to identify patients not meeting care goals

4

Community Pharmacy Practice

The greatest untapped and underleveraged setting of care in the health care system with unrealized potential.

Quiz.

Why are community pharmacies struggling to survive and what is getting in the way of pharmacists being successful practitioner-providers?

- 1.The clinical capabilities of the community pharmacist?
- 2.The setting of care is inopportune?
- 3.The business model is a mismatch with the provider model?



Minneapolis

The magic of surface area.

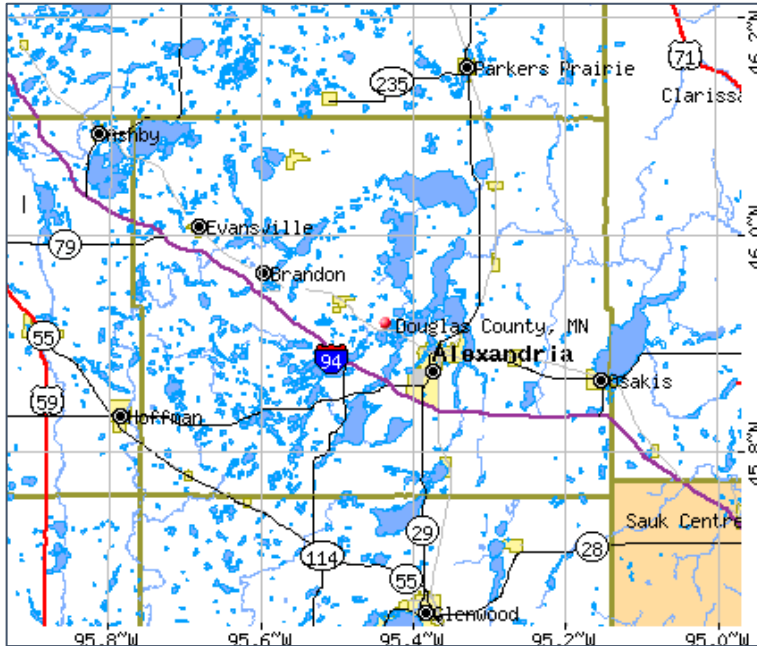
Minnesota has more shoreline than Florida, California, and Hawaii - COMBINED.

Humans have an average of 750 square feet of surface area in their lungs so they can maximize membrane exposed for oxygen transfer.

An estimated >350 million COVID interventions occurred in a Community Pharmacy over 32 months across roughly 50k community-based locations. (Feb 20 – Sept 22)

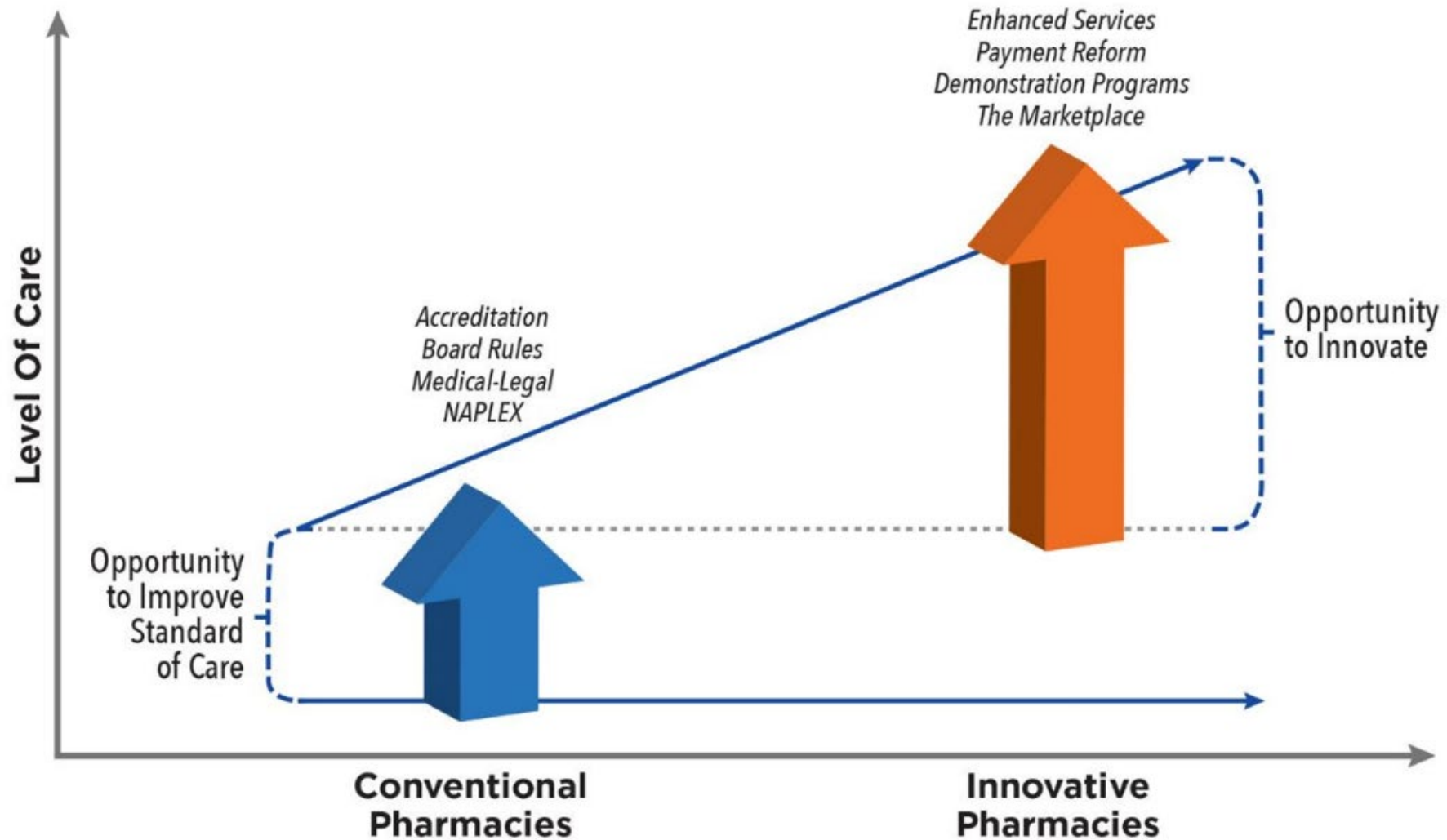
-Grabenstien JAPhA 2022 Nov-Dec

90% of all adult vaccinations now occur in a community pharmacy *-(IQVIA 2024)*

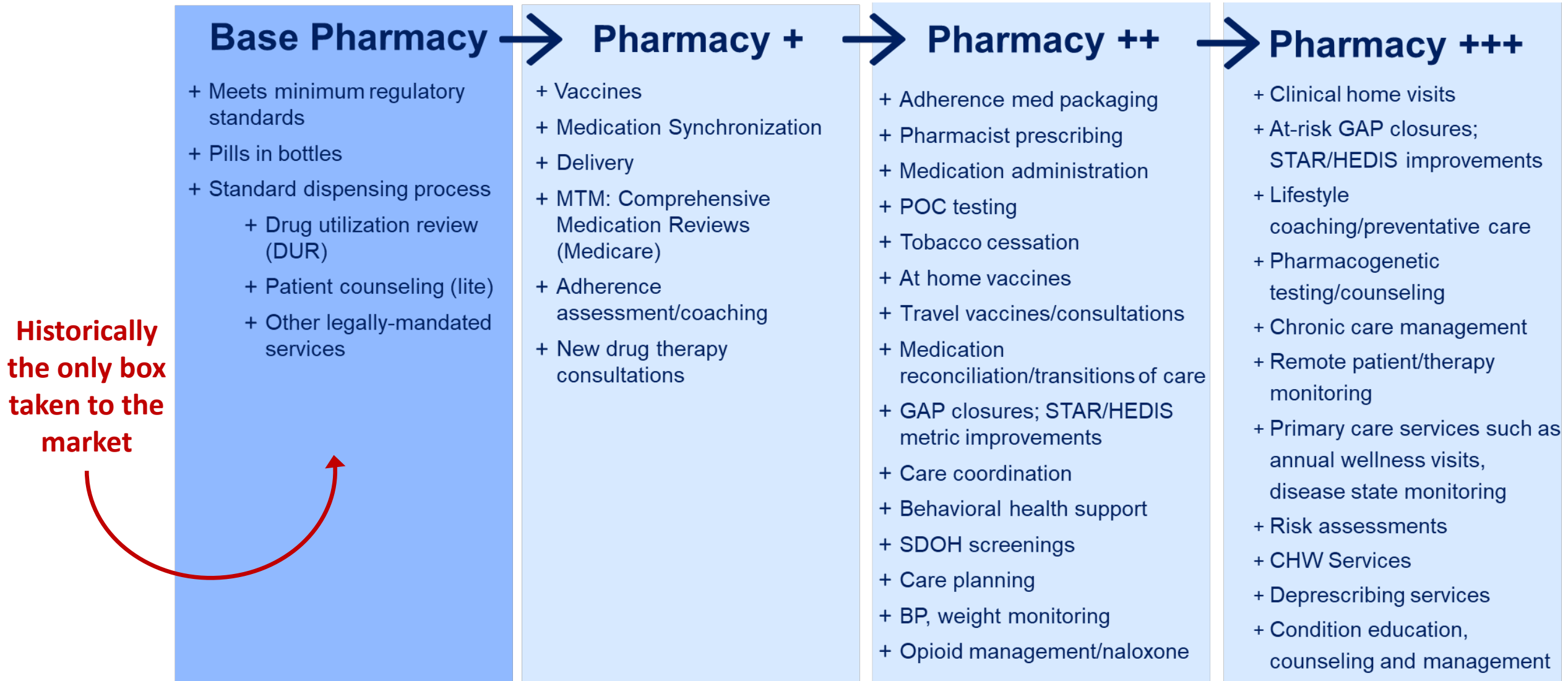


Douglas County

Lack of ability to differentiate impedes pharmacy evolution.



Not all pharmacist-practitioner encounters need to be the same.

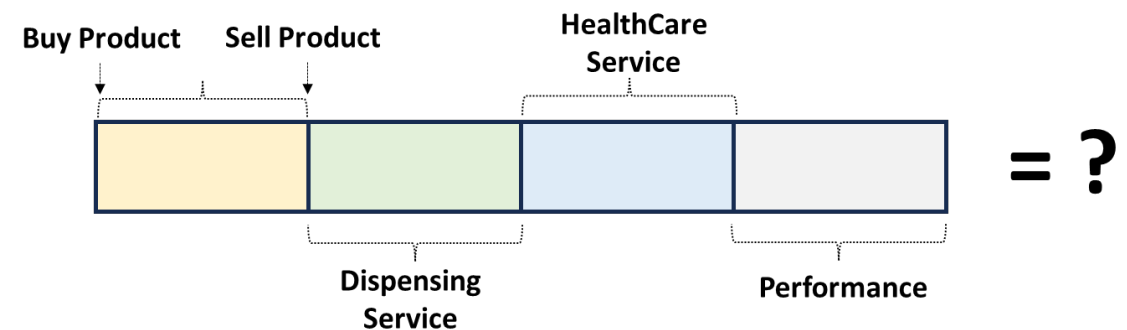


The financials.

- Community pharmacies cost the system 0.86% (net COGS)
- \$2-8 Billion in services opportunities (0.08-0.27%) would transition pharmacies and keep them open in short run
- A complete swap \$31B for \$35B would transition them in perpetuity, and more effectively incentivize outcomes

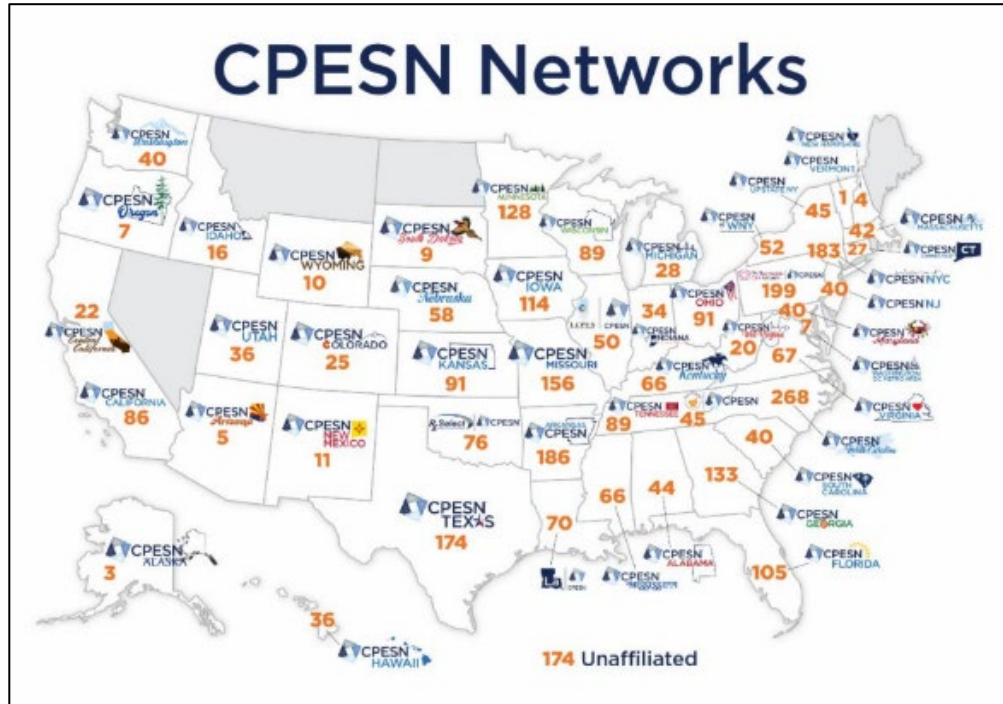


IQVIA Institute. Medicine use and spending in the US: a review of 2017 and outlook to 2022. <https://www.iqvia.com/Institute/Reports/Medicine-Use-And-Spending-In-The-Us-Review-Of-2017-Outlook-To-2022>. Published April 19, 2018. Assumes 3.5% inflation for 2 years after 2017.



Some combination of these four buckets must lead to a net profit.

Common program features and successes.

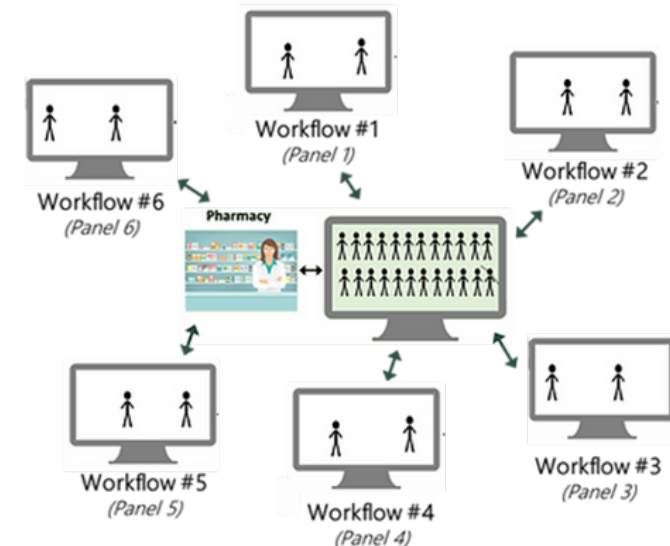


- Combination FFS and VBC/Incentives
- Document clinical findings in interoperable/sharable medium(s)
- Concomitant practice transformation efforts
- Scaled opportunities
- Management Autonomy and Buy In

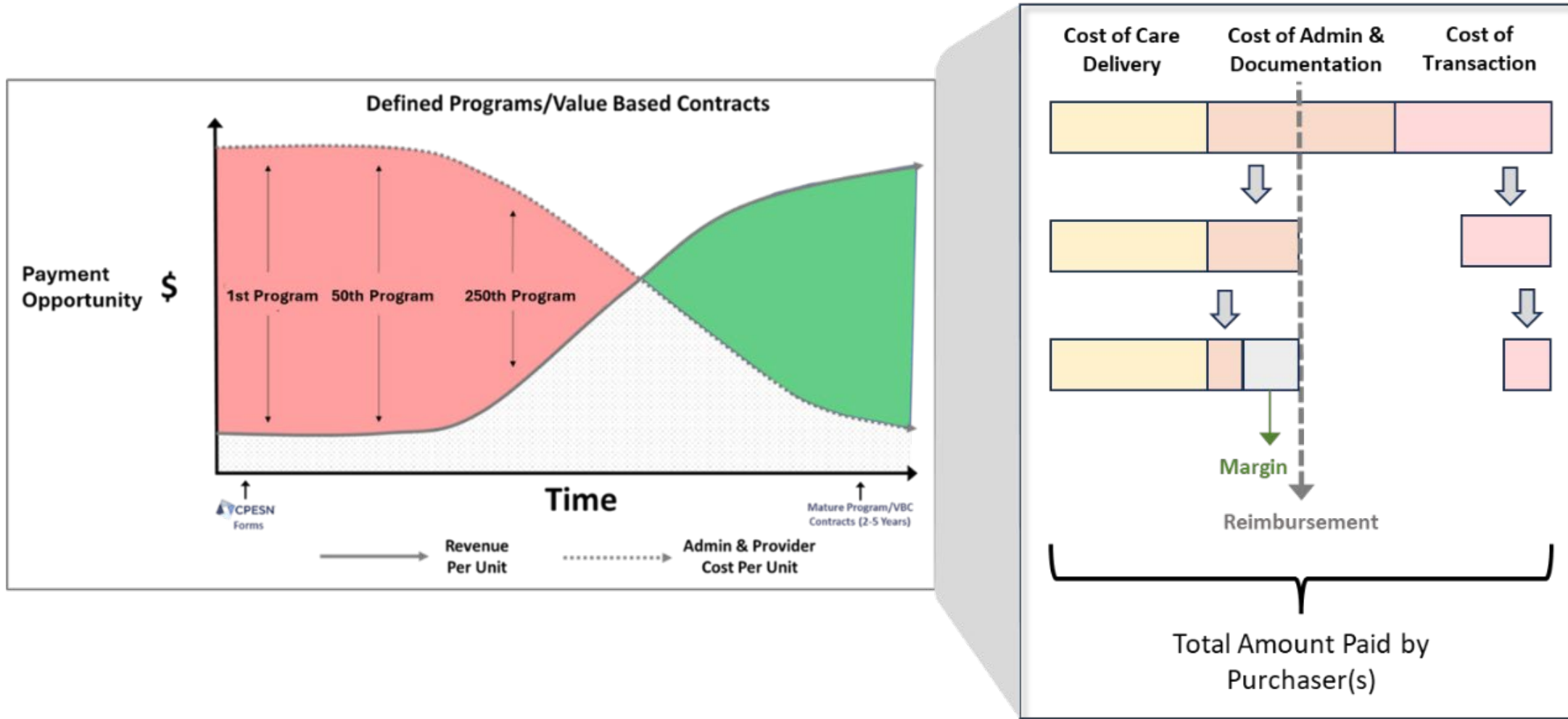
350+ programs: FFS, VBC, Gaps In Care, HEDIS, Stars (non-dispensing), HRAs, Screenings, Maternal Health Supports....

Common Barriers – Pharmacy Practice Kryptonite

- **Workflow Friction** - The biggest impediment, longest to overcome
- **Administrative Resource Consumption** - Often the pharmacist/pharmacy margin is consumed entirely by administrative cost
- **Lack of Scale** – Congrats you have 6 cases this year to work!
- **Lack of Service-Outcome Dyads** - Outcomes can come in many forms (lower blood pressures, happier patients, patients that seek/demand services) but they need to be evident
- **Lack of Clinical Training/Knowhow** - The **smallest** (and shrinking) impediment, **can be overcome most quickly**



If we are to achieve scale – lower administrative friction needed.



Don't take it from
us, take it from
the health plans
themselves...

Evidence

Local network program with a Medicaid Managed Care Organization showed **>60%** improvement in number of patients with well managed asthma as evidenced by an Asthma Medication Ratio ≥ 0.5 .

Evidence

CPESN pharmacies utilized a social determinants of health questionnaire in a local network program with a Medicaid Managed Care Organization, **27%** of the screenings resulted in a referral from pharmacy staff to address an identified gap including food security, housing, and transportation.

Evidence

A local network program showed a statistically significant reduction in A1c from **8.4%** to **7.7%** for patients that had values reported at least 3 months apart.

Evidence

Local network program with a Medicaid Managed Care Organization decreased inpatient stays by **65%** and ER visits by **>35%** for patients that had a pharmacy encounter with a behavioral health intervention.

Evidence

Clinical trial recruitment activities - CPESN pharmacies attempted contact with >10,000 patients and successfully reached over >5,000 patients (average of **90** patients per pharmacy) in a 3 week time period.

Evidence

Local network program with a Medicaid Managed Care Organization: **65%** of patients with COPD who were engaged in the program moved from non-adherent to adherent to their COPD medication.

Evidence

Local network program with a Medicare plan increases PDC by **10%** over a 6 month period.

Evidence

A regional ACO and a local health system collaborated with a local network and realized **30%** gap closure in just 2 weeks.

Evidence

Nationwide Medicare Stars program for PDC with Behavioral Health Screenings: CPESN Pharmacies achieved the highest improvement category in PDC = **11.2%** improvement achieved in attributed population.

Evidence

A Medicaid MCO collaborated with a local network and **82%** of its members achieved the goal HEDIS measures.

Evidence

Nationwide Medicare Stars program for PDC: CPESN Pharmacies achieved the highest improvement category in PDC = **9.6%** improvement achieved in attributed population.

Evidence

Local network program with a Medicaid Managed Care Organization: **35%** of patients with diabetes who were engaged in the program moved from non-adherent to adherent to their diabetes medication.

Evidence

Local network program with a Medicaid Managed Care Organization showed a **30%** reduction in overall inpatient hospitalization costs and a 18% reduction in overall Emergency Department costs with members utilizing CPESN pharmacies.

Evidence

Local network program with a Duals plan closes **10%** of care gaps in Controlling Blood Pressure Program in one month!