



THE
POLYCLINIC



*TEAMcare at
The Polyclinic: Multi-Condition
Collaborative Care for Diabetes, Heart
Disease and Depression*

Elise Ernst, MEd, MSW, MBA

Oren Townsend, MD

Paul Ciechanowski, MD, MPH

Multi-Condition Collaborative Care: An Effective Model for Integrating Behavioral Health in Primary Care and ACO Settings

Paul Ciechanowski, MD, MPH
Associate Professor
Dept. of Psychiatry
Diabetes Care Center
University of Washington
Seattle, WA

Mr. T.

64 yr. old married, naval shipyard worker

- Uncontrolled type 2 diabetes (A1c = 9.6%)
- Hypertension (BP = 174/94 mmHg)
- Hyperlipidemia (LDL = 141 mg/dL)
- Obesity (Weight = 269 lbs; BMI = 39.7 kg/m²)
- Hypothyroidism, psoriasis, gout
- History of diverticulitis, kidney stones

Medications: glyburide, lisinopril, atenolol, atorvastatin, levothyroxine

It gets worse...

Mr. T.

Primary complaint: ongoing fatigue

PHQ-9 = 19/27:

meets criteria for major depression

The Challenge of Multiple Comorbidity for the US Health Care System

Anand K. Parekh, MD, MPH

Mary B. Barton, MD, MPP

THE AGING OF THE US POPULATION, COMBINED WITH improvements in modern medicine, has created a new challenge: approximately 75 million people in the United States have multiple (2 or more) concurrent chronic conditions, defined as “conditions that last a year or more and require ongoing medical attention and/or limit activities of daily living.”^{1,2} Is the 21st-century US health care system prepared to deal with the consequences of successfully treating patients who have conditions, often multiple, that they would not have survived in the early 20th century? Current indications suggest that it is not.

As the number of chronic conditions affecting an individual increases, so do the following outcomes: unnecessary hospitalizations; adverse drug events; duplicative tests; conflicting medical advice; and, most important, poor functional status and death.¹⁻⁵ Approximately 65% of total health care spending is directed at the approximately 25% of US population who have multiple chronic conditions.² Individuals with multiple chronic conditions also face financial challenges related to the out-of-pocket costs of their care, including higher prescription drug costs and total out-of-pocket health care spending.²

future of health care reform is uncertain, Congress has drafted legislation that includes experimental and pilot approaches to realigning such incentives and payments. Even if these necessary reforms were enacted, the effects of the clinician in improving health outcomes would remain dependent on the active participation of the individual patient. It is not clear whether the potential benefits of chronic disease self-care management; personal health records; and other health information exchange platforms, such as secure messaging, are being fully realized to maximize patient participation and health.

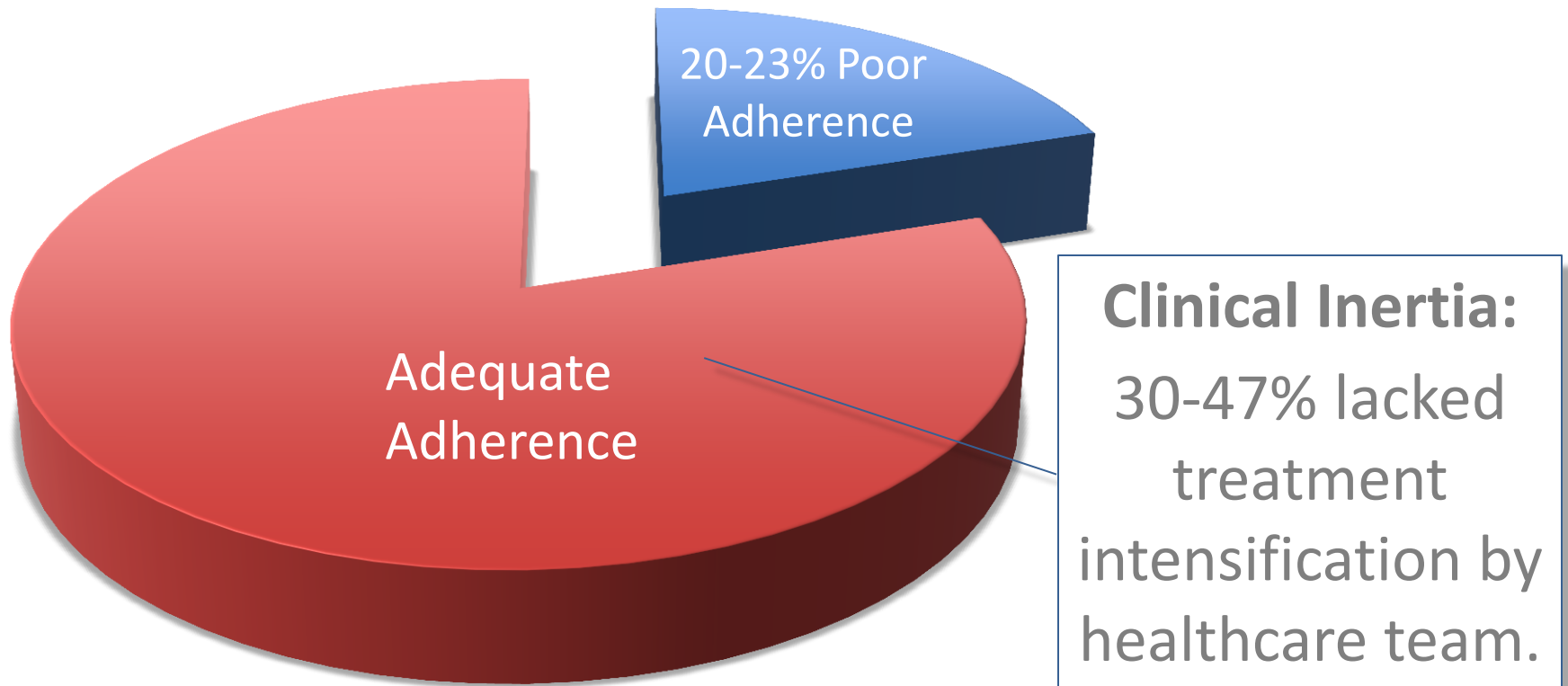
*The
“Multi-Condition”
Patient*

JAMA, April 7, 2010

Study: 161,697 Patients

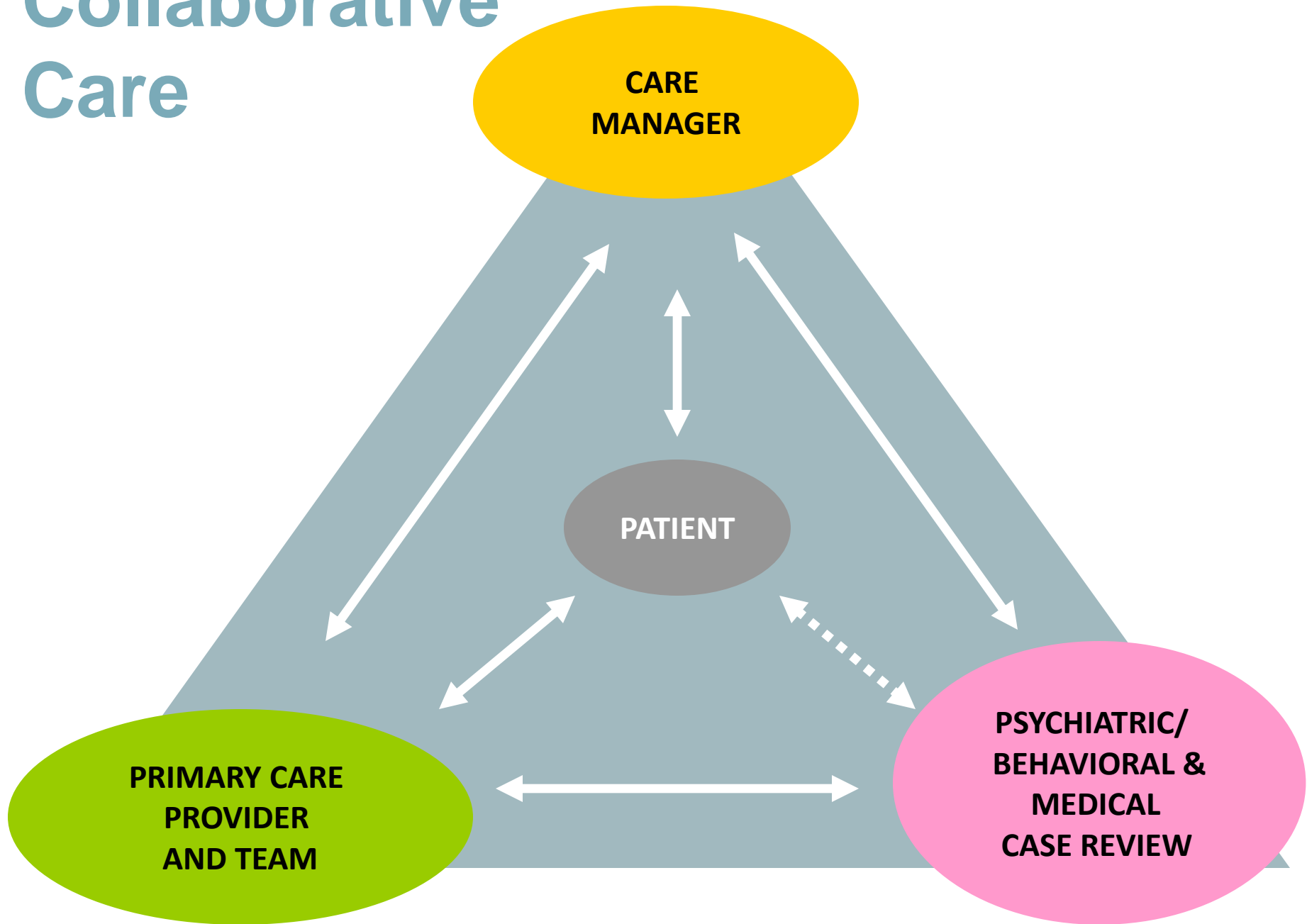
- $\text{HbA}_1\text{c} \geq 8.5\%$
- Systolic blood pressure > 140 mmHg
- LDL > 130 mg/dL

Study: 161,697 Patients



Schmittiel et al., J Gen Intern Med. 2008; 23(5): 588–594.

Collaborative Care



a TEAM behind you
committed to care

training

research

resources

in the news

January, 2011 - In a randomized controlled trial, testing an intervention called TEAMcare, nurses worked with patients and their doctors and health teams to manage care for depression and physical disease together, using evidence-based guidelines. [more](#)



our program
WHO WE ARE



training
GET STARTED



resources
EDUCATIONAL MATERIALS



news
NEWS & EVENTS

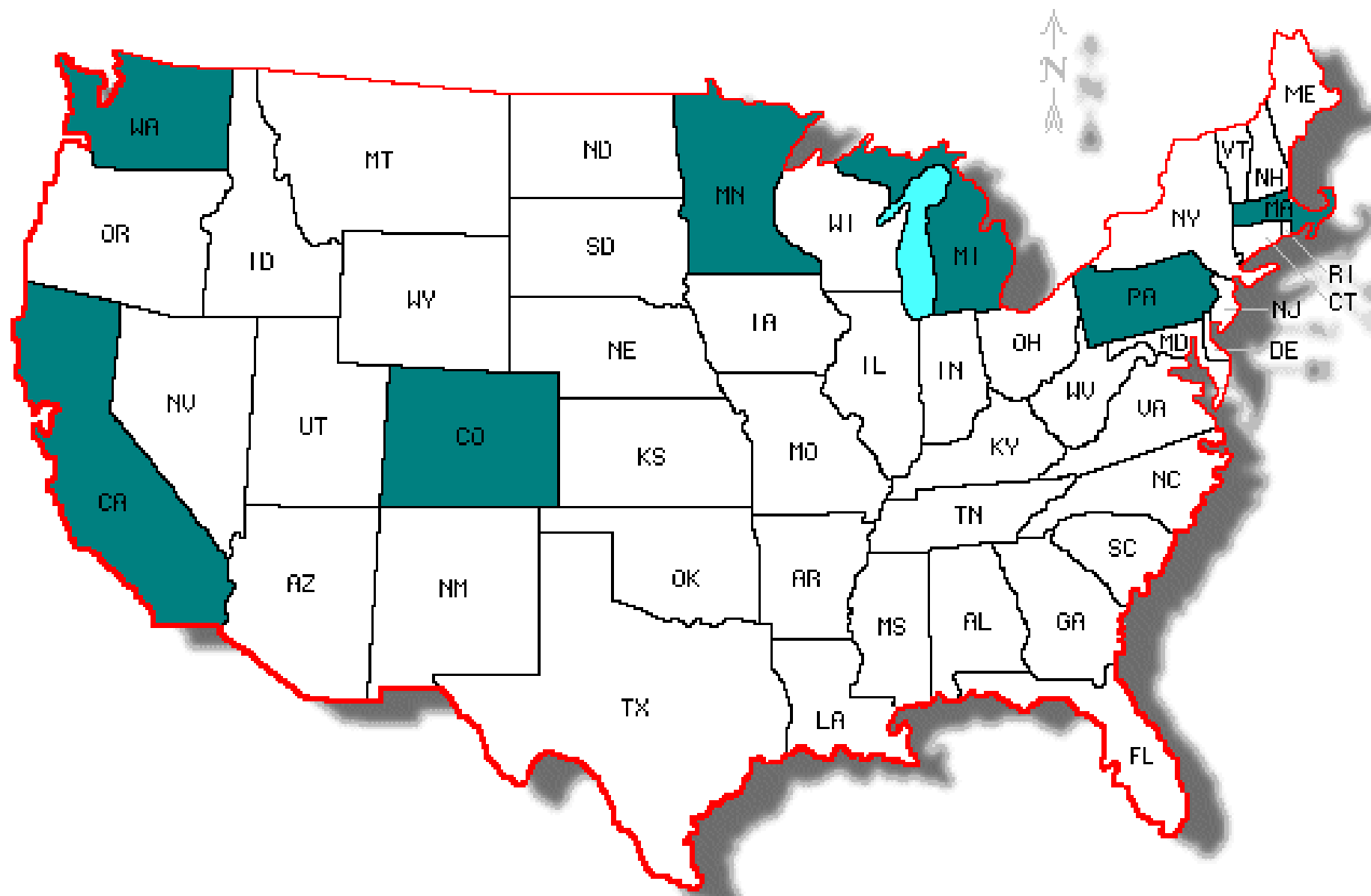


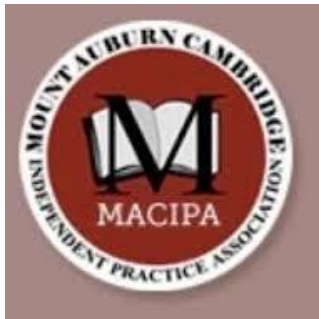
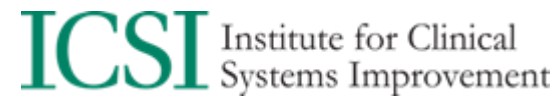
publications
GET THE FACTS



contact us
REQUEST MORE INFO

teamcarehealth.org





Patient Identification

- Automated data (ICD-9) of having:
 - *diabetes and/or coronary artery disease*
- Poor disease control:
 - *HbA1c $\geq 8.5\%$*
 - *Blood pressure $> 140/90$ mmHg*
 - *LDL > 130 mg/dL*
- *PHQ-9 ≥ 10*

Program Goals

- Improve depression care
 - Behavioral activation
 - Antidepressants
- Improve medical disease control
 - HbA_{1c}, HTN, LDL
- Improve self-care
 - Diet, Exercise
 - Cessation of Smoking
 - Glucose Monitoring

Program Goals



- **A**1c



- **B**lood Pressure



- **C**holesterol (LDL)



- **D**epression

***Collaborative Depression
Care***

+

Chronic Care Model

+

Treat-to-Target Approach



One Approach Across Different Chronic Illnesses

*Wagner, 1996; Bodenheimer 2002;
Katon 1995; Unutzer 2002; Riddles 2003*

Core Components



```
graph LR; A[Identify Goals] --> B[Support Self-Care]; B --> C[Monitor Progress]; C --> D[Treat-to-Target]; D --> E[Systematic Case Review]; E --> F[Care Coordination];
```

Identify
Goals

Support
Self-Care

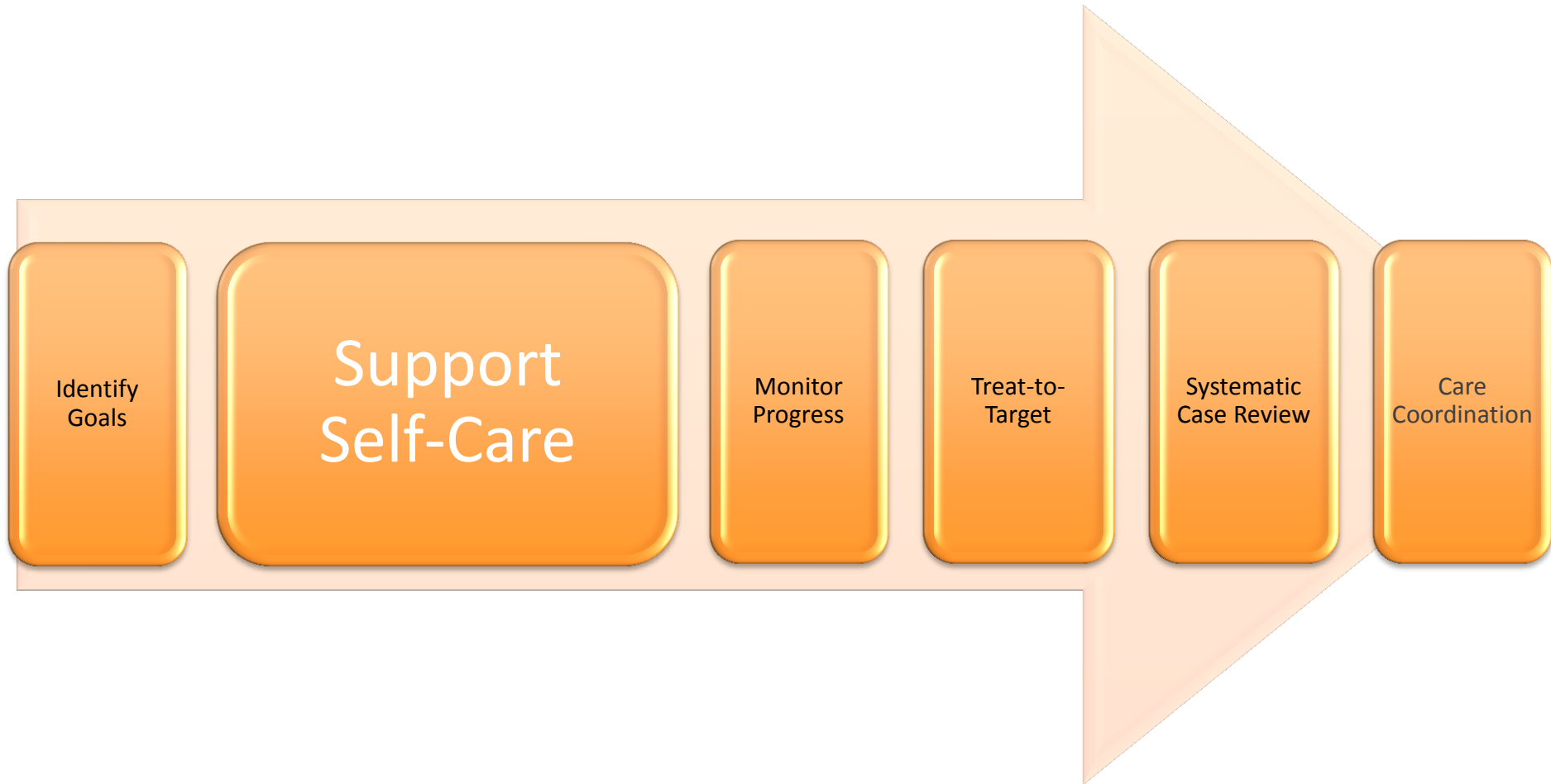
Monitor
Progress

Treat-to-
Target

Systematic
Case Review

Care
Coordination

Core Components



Improving Adherence

- Patient self-care materials: book and video on depression, patient manual
- Nurse support/education/motivational interviewing
- Medisets
- Simplifying medication regimen
- \$4 generics to avoid \$10 co-pays



Self-Monitoring Tools

Care Managers

- Motivational interviewing/enhancement
- Problem solving
- Behavioral activation

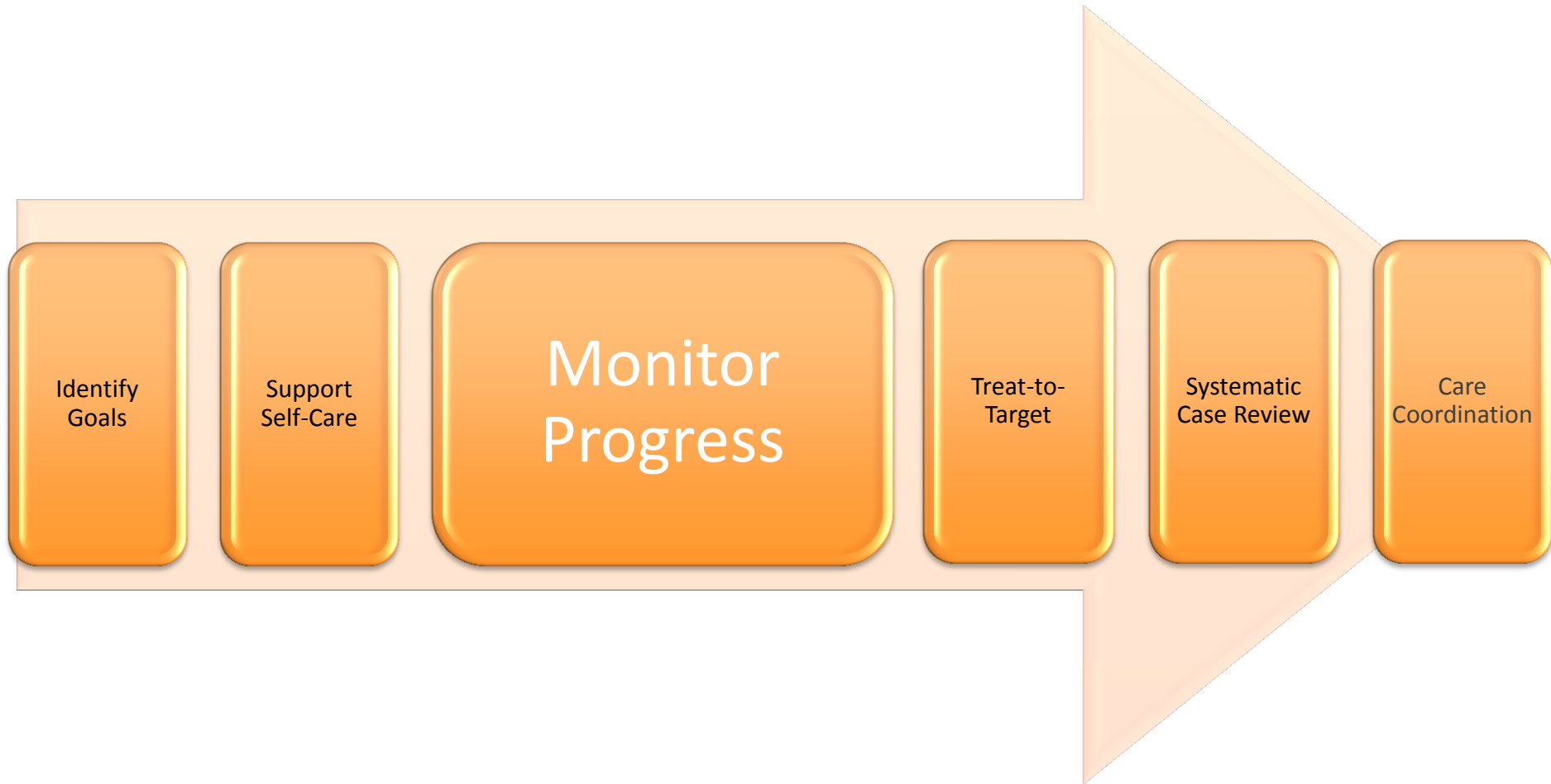
Decisional Balance (e.g. smoking)

	Changing	Not changing
Benefits (Pros)	<ul style="list-style-type: none">•Less coughing•Wife will be happy•Socially acceptable•Faster healing	
Costs (Cons)		<ul style="list-style-type: none">•Higher risk of cancer•Poorer health•Wound will not heal

Decisional Balance (e.g. smoking)

	Changing	Not changing
Benefits (Pros)	<ul style="list-style-type: none">•Less coughing•Wife will be happy•Socially acceptable•Faster healing	<ul style="list-style-type: none">•Helps me deal with stress•Helps me think clearly•Keeps the weight off
Costs (Cons)	<ul style="list-style-type: none">•Lose friends who smoke•Gain weight	<ul style="list-style-type: none">•Higher risk of cancer•Poorer health•Wound will not heal

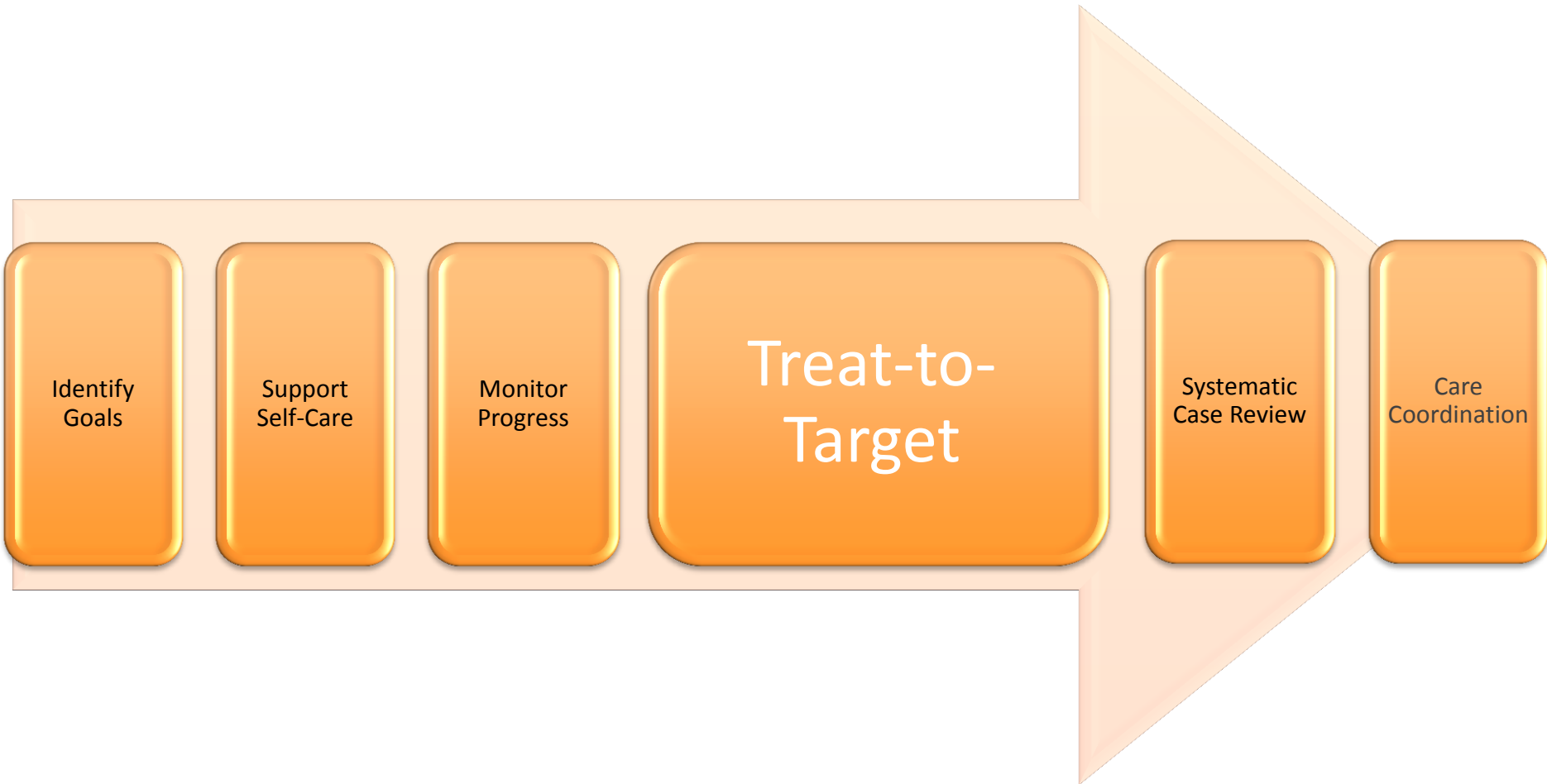
Core Components



Initial	Clinic	Enroll Date	PHQ		BP		HbA _{1c}		LDL	
			BL	Now	BL	Now	BL	Now	BL	Now
	BRN	8/11/2008	19	14*	152/86	140/100*	10.1	6.91	135	106*
	OLY	5/19/08	19	19*	141/69	127/77	7.3	6.8	181	138*
	EVM	11/12/07	14	9*	160/98	150/85*	6.4	6.8	108	67
	NGT	10/30/07	13	2	209/119	126/76	9.2	8.3*	119	99
	LYN	8/23/07	14	3	149/71	111/58	8.1	7.7*	85	82

Weekly Clinical Summaries

Core Components



Treat-to-Target (TTT)

Treatment titration

- Frequent and consistent
- Relentless, incremental increases/changes

Always:

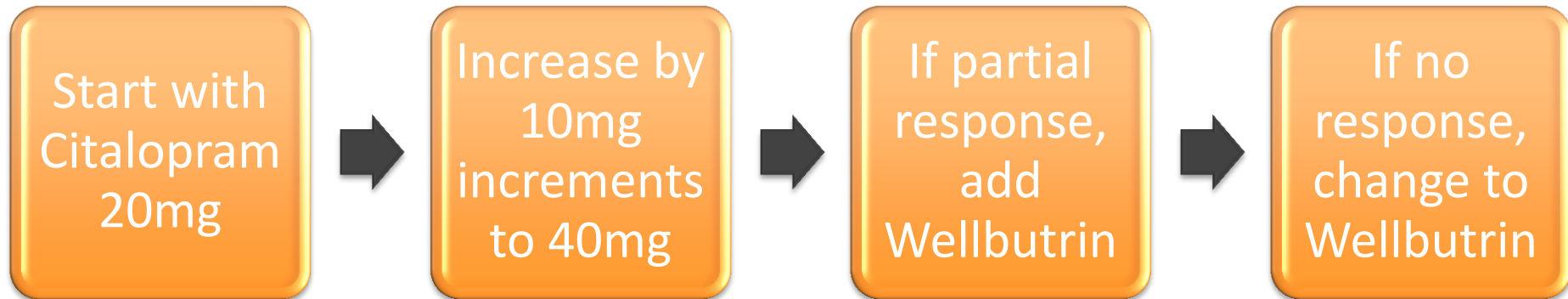
- *Increase/change to next step*
- *If not, document why not!*

TTT Algorithm

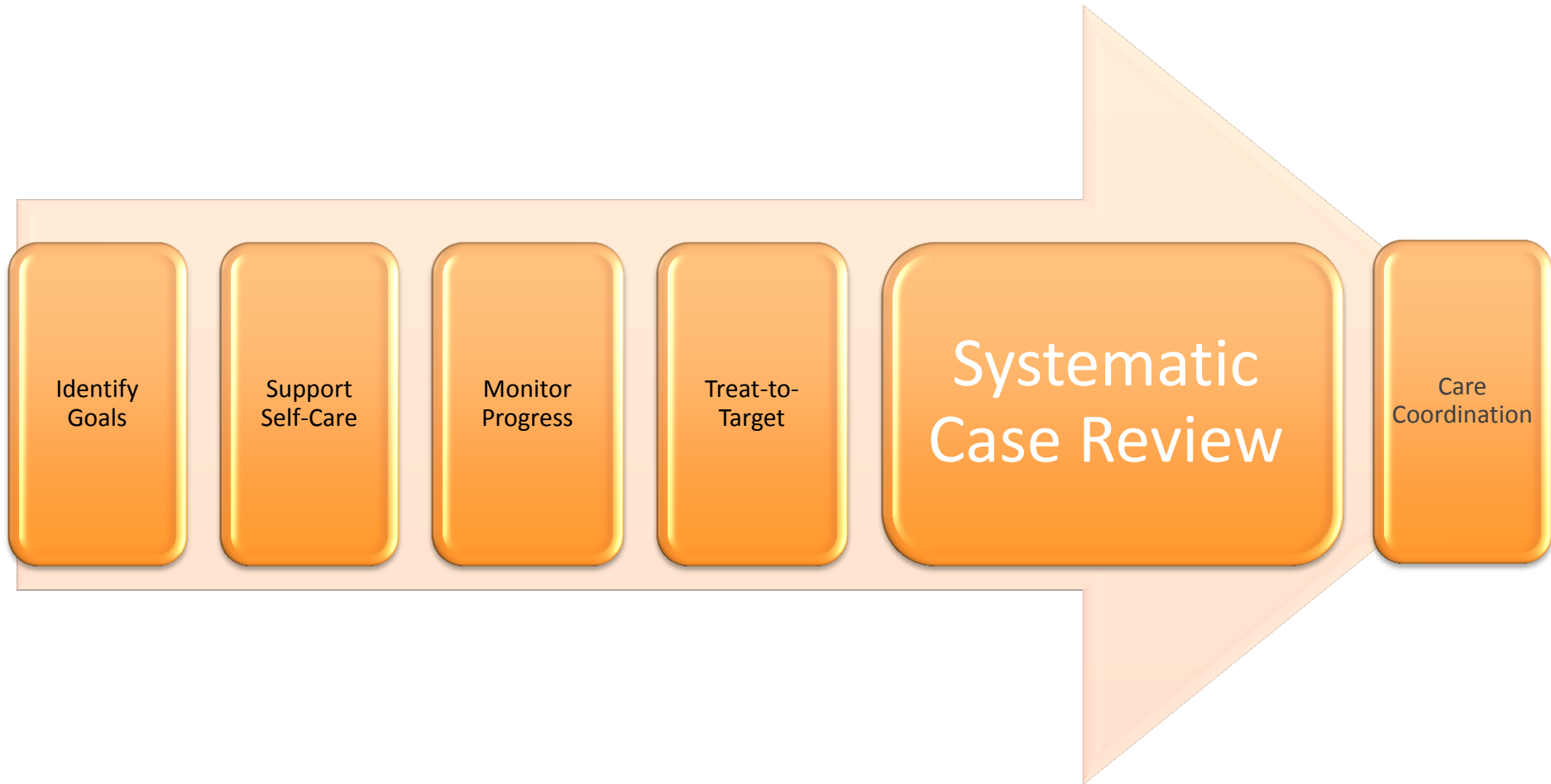
- Simplified and uniform approaches across conditions to achieve targets
 - Riddles et al., Diabetes Care, 2003
 - Kaiser Permanente, Care Management Institute

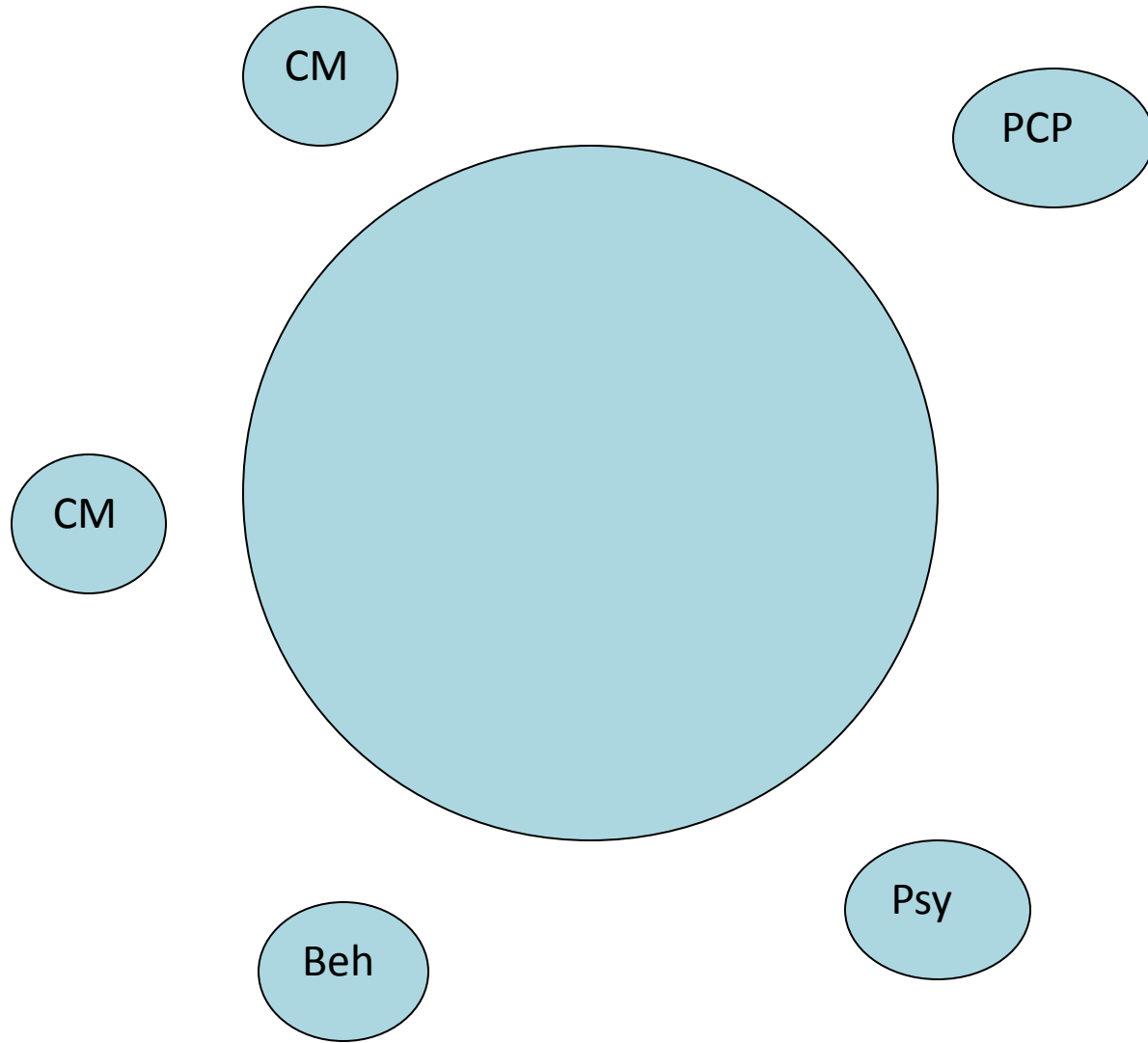
Treat-to-Target (TTT)

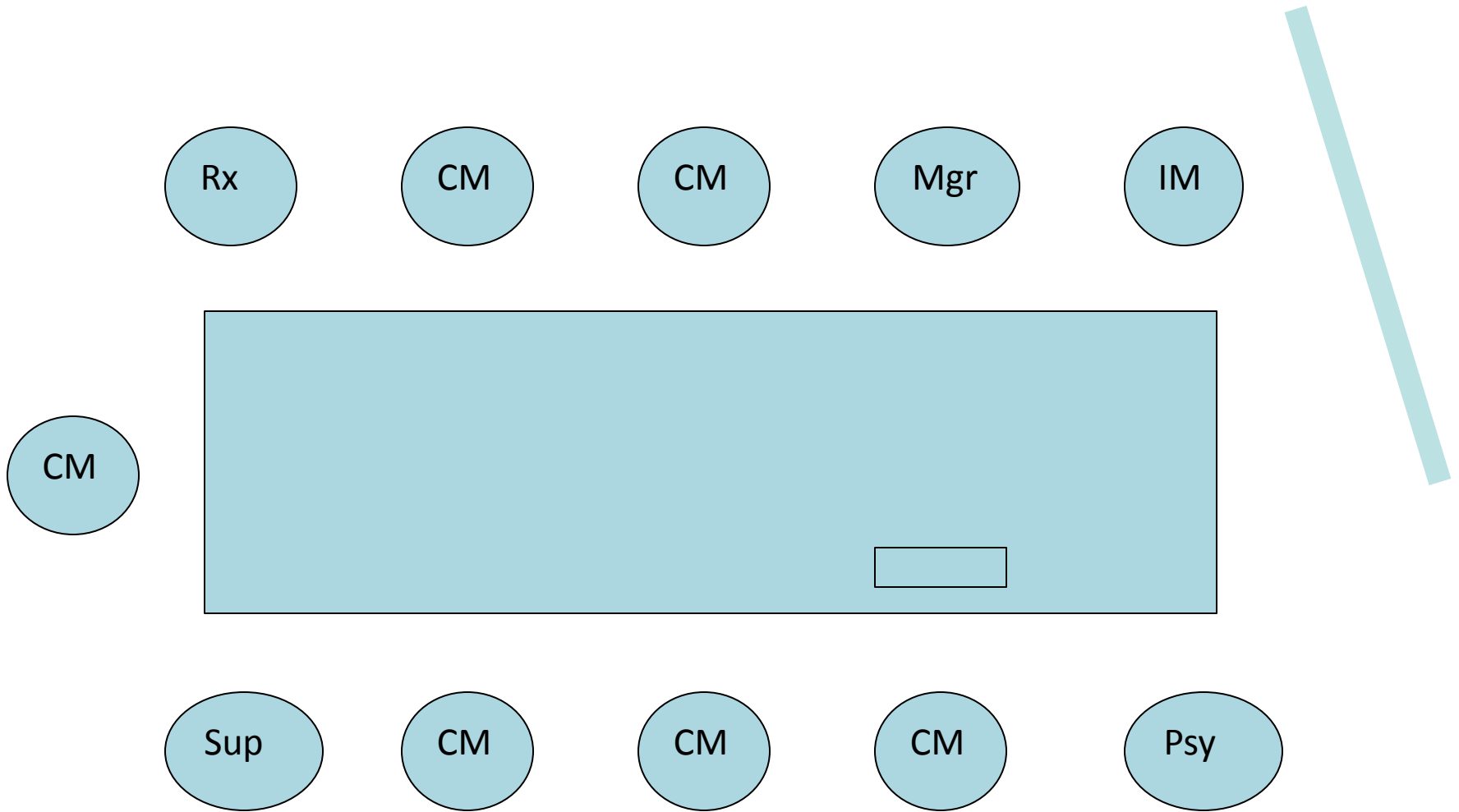
Depression



Core Components







Case manager:	Date:	Suggested actions
Patient ID:		<p>Medication changes:</p> <ul style="list-style-type: none"> • Simplify, consolidate • Check formulary • Check lowest prices • Assess adherence • Assess side effects <p>Behavioral activation:</p> <ul style="list-style-type: none"> • Physical activation • Social activation • Pleasant events <p>Motivational issues:</p> <ul style="list-style-type: none"> • Stages of change • Decisional balance <p>Disease self-management:</p> <ul style="list-style-type: none"> • BP cuff, BP record • Pedometer • Glucometer (new or 2nd) • Sleep hygiene • Nutritionist/Dietician • Mediset <p>Strategies for hard-to-reach:</p> <ul style="list-style-type: none"> • Contact PCP • Voicemail • Letter
Next contact:		
Patient ID:		
Next contact:		
Patient ID:		
Next contact:		
Patient ID:		
Next contact:		

Patient ID: 870 [redacted]
Case Manager: [redacted]

① 200mg Zoloff - start @ 100mg 2-3 weeks then go up to 200mg *for 100mg dose*

② diabetes education → already has referral, flu in this

③ give option in interns, is she willing?

Next contact:

Patient ID: 744 [redacted]
Case Manager: [redacted]

① diabetes education → check BS BID either QAM and QHS or QAM and 2^o P meal

② citalopram ↑ 40mg (ask Dr [redacted] about 30mg for 1 month then 40mg)

Next contact:

Patient ID: 817 [redacted]
Case Manager: [redacted]

① make plan in the next week to do 1 thing to get her active

② how much metformin is she taking?? (1500 or 750??)

Next contact:

Updating

Chart

Supervision sheet

Labs

PHQ-9 score

EPIC, Access

Checking

Patient chart- ? updates

Labs

Strategies for hard-to-reach

Contact PCP

Voicemail

Letter

Opt-out visit by voicemail

Educational materials

DVD, Depression book

Patient booklet

My HealthCare

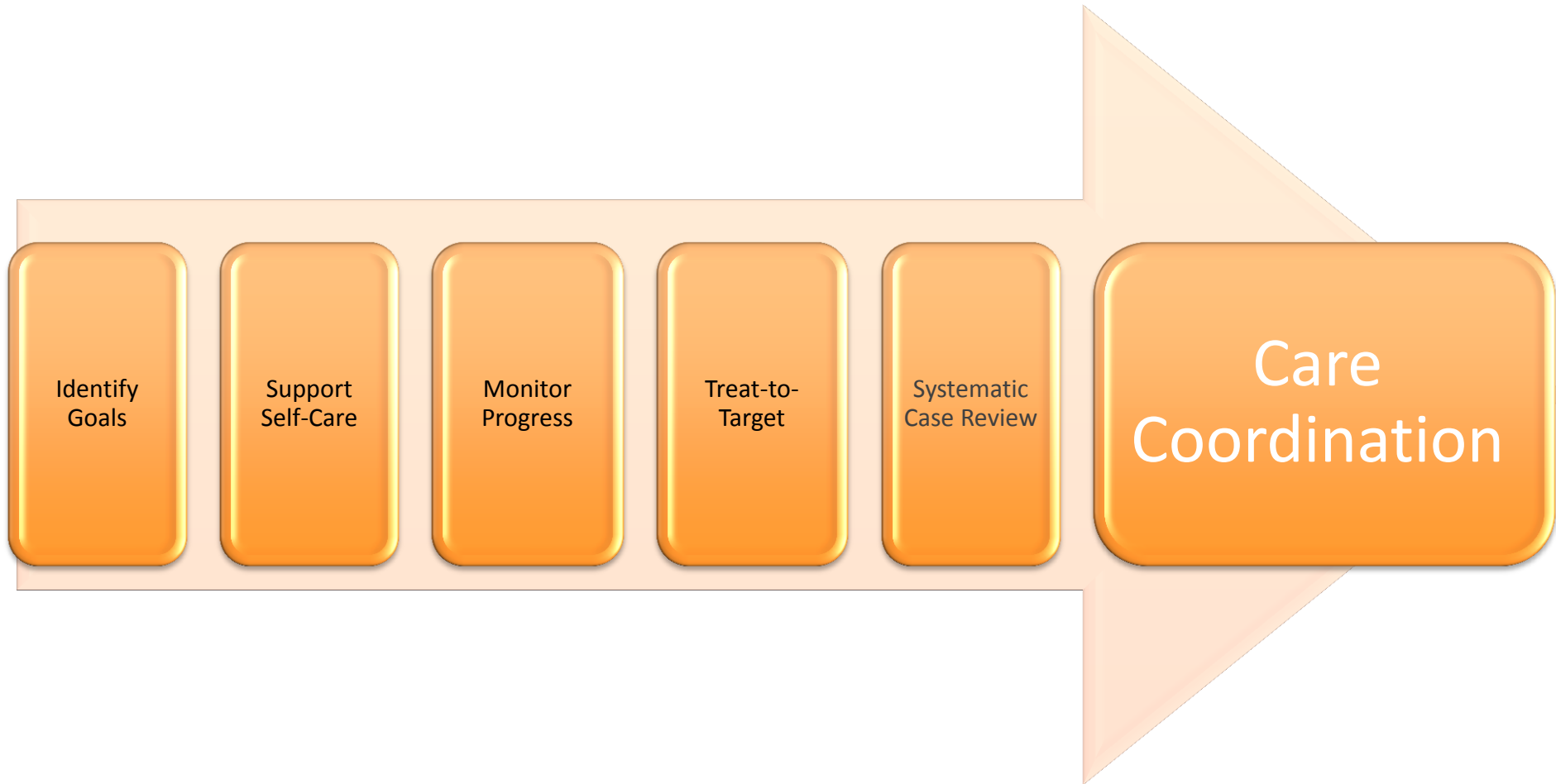
AHA/ADA materials

Phase of intervention

Move to maintenance

note her
report to you
get a
edometer

Core Components



Case Management Workload

- 96 patients in steady state for full FTE nurse case manager
- 2.5 hours weekly of internist and psychiatrist case review supervision per 96 patients
- Psychiatrist 10 hours per month, internist 10 hours per month per 96 patients

Does it really work?



The NEW ENGLAND JOURNAL of MEDICINE

[HOME](#)[ARTICLES ▾](#)[ISSUES ▾](#)[SPECIALTIES & TOPICS ▾](#)[FOR AUTHORS ▾](#)

This article is available to subscribers only. [Sign in](#) now if you're a subscriber.

Free Abstract

[PRINT](#)[E-MAIL](#)[DOWNLOAD CITATION](#)

ORIGINAL ARTICLE

Collaborative Care for Patients with Depression and Chronic Illnesses

Wayne J. Katon, M.D., Elizabeth H.B. Lin, M.D., M.P.H., Michael Von Korff, Sc.D., Paul Ciechanowski, M.D., M.P.H., Evette J. Ludman, Ph.D., Bessie Young, M.D., M.P.H., Do Peterson, M.S., Carolyn M. Rutter, Ph.D., Mary McGregor, M.S.N., and David McCulloch, M.D.

N Engl J Med 2010; 363:2611-2620 | [December 30, 2010](#)

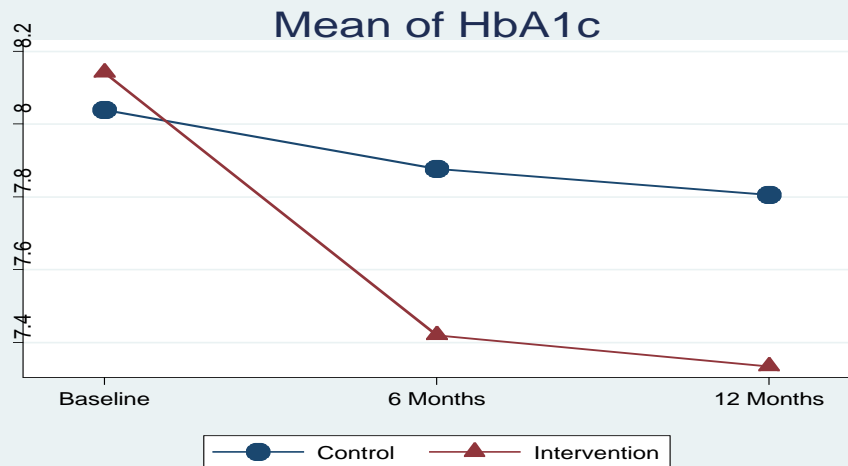
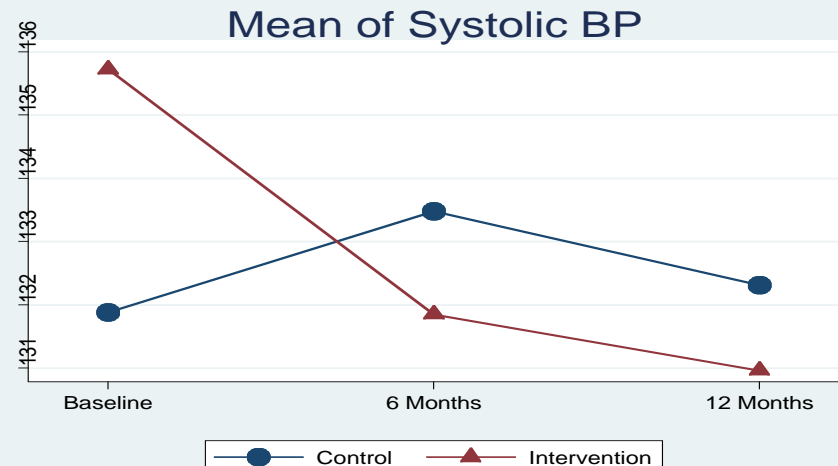
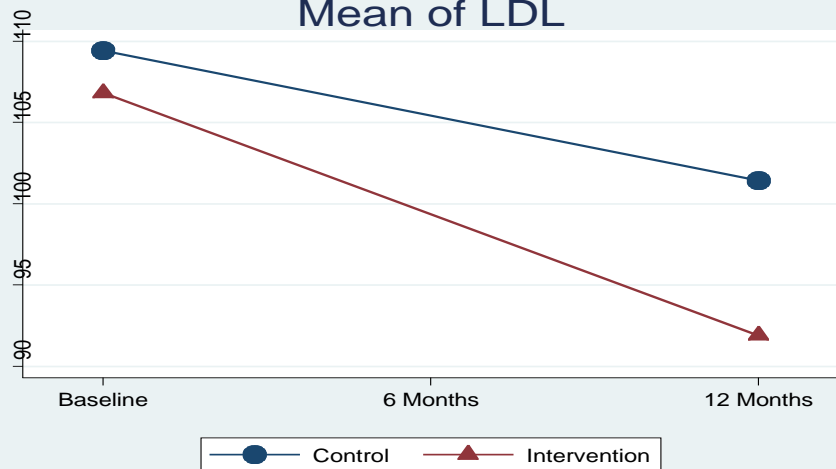
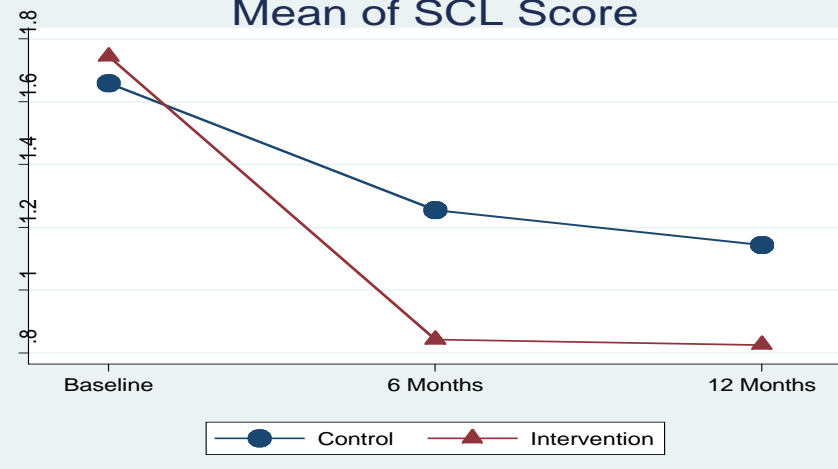
BACKGROUND

Patients with depression and poorly controlled diabetes, coronary heart disease, or both have an increased risk of adverse outcomes

MEDIA IN THIS ARTICLE

FIGURE 1



A**B****Mean of LDL****Mean of SCL Score****C****D**

↓ *A1c*

↓ *Blood pressure*

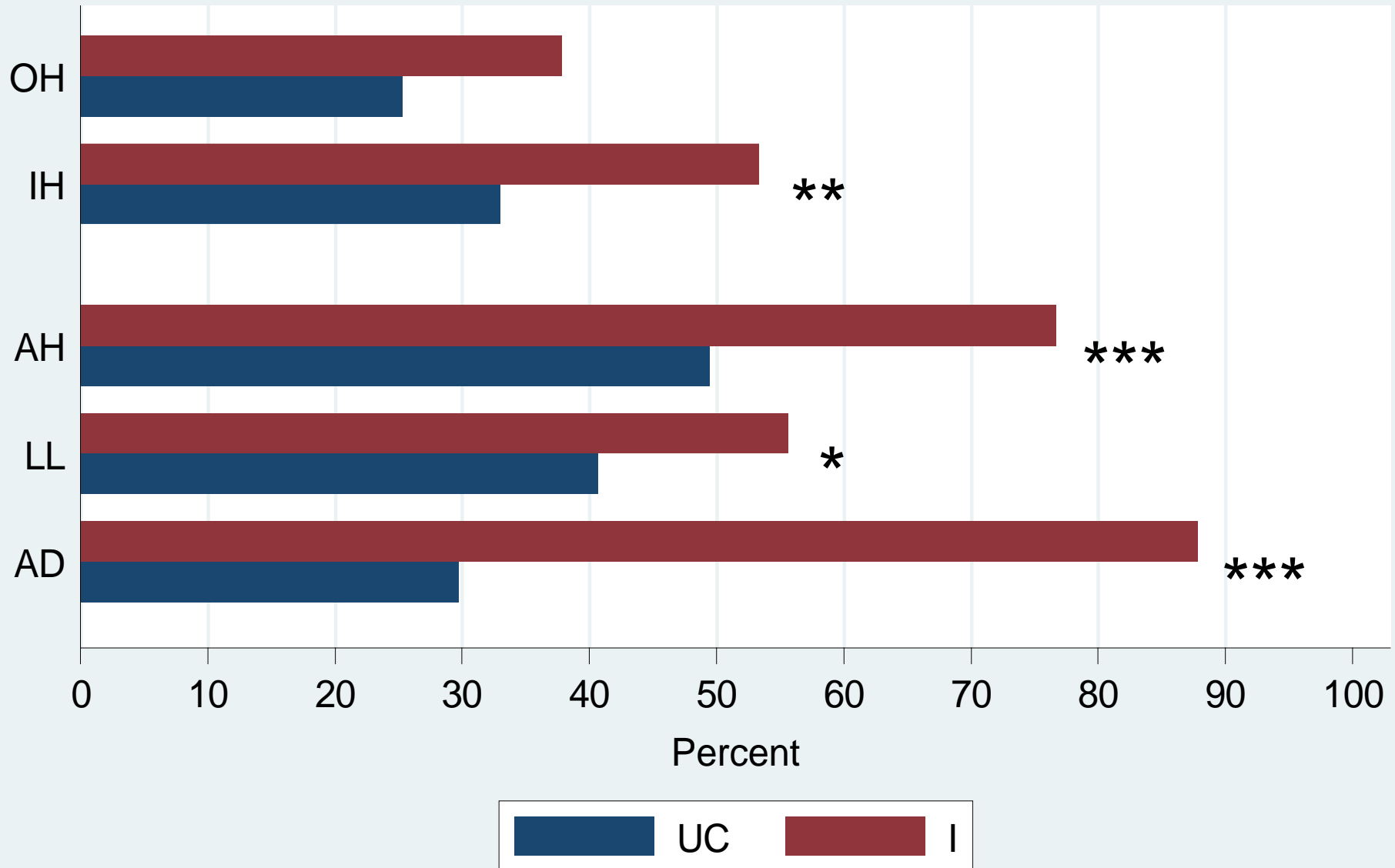
↓ *Cholesterol (LDL)*

↓ *Depression*

Comparison with Other Studies

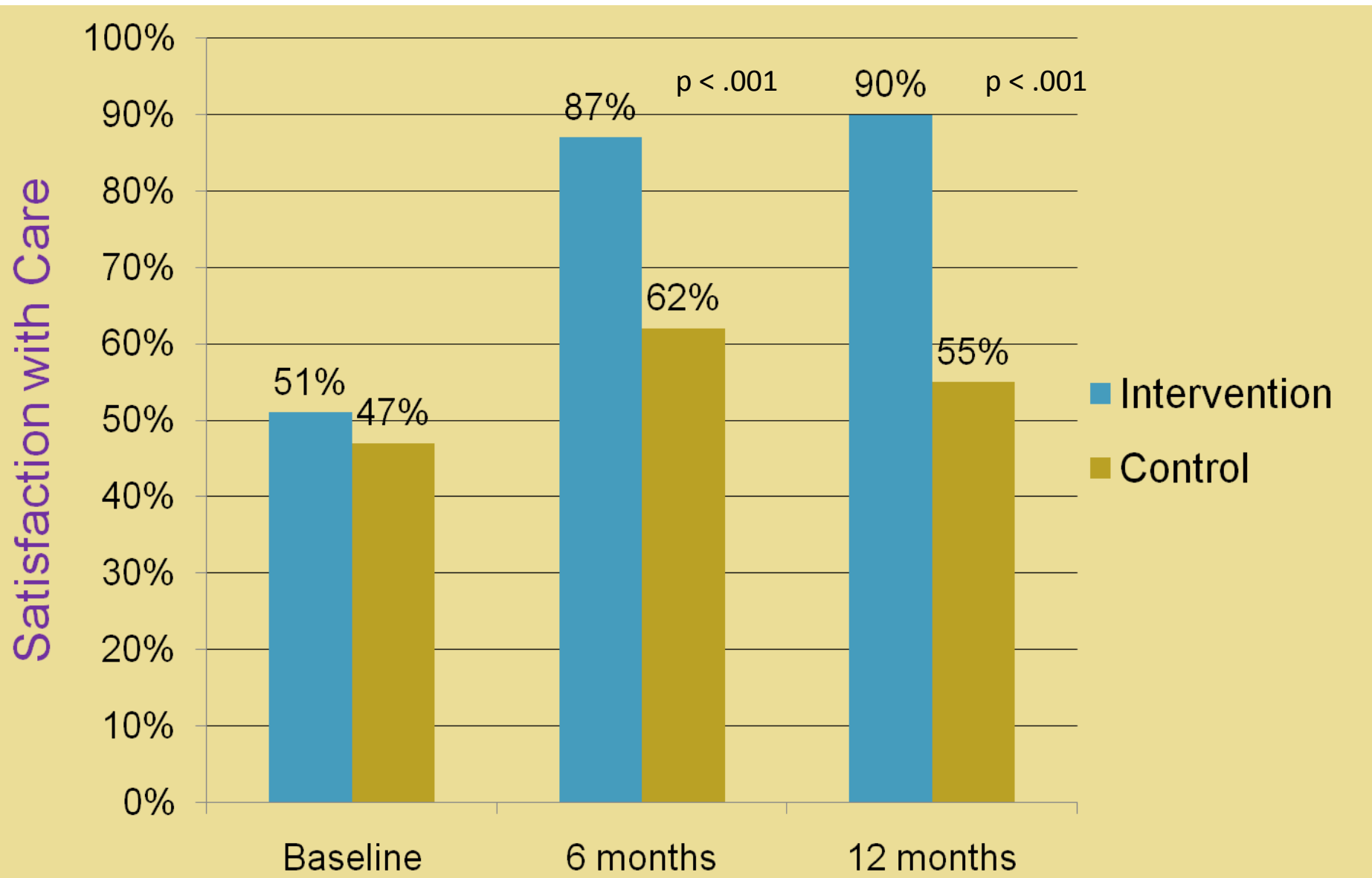
Domain	I vs. C TEAMcare study	I vs. C other studies	Description
Depression	SCL: 0.4 ES: 0.65	ES: 0.25	37 Collaborative Care Trials
HbA _{1c}	0.58%	0.42%	66 Diabetes Care Trials
Systolic Blood Pressure	5.1 mmHg	4.5 mmHg	44 Trials
LDL Cholesterol	6.9 mg/dL		

Any Medication Adjustment

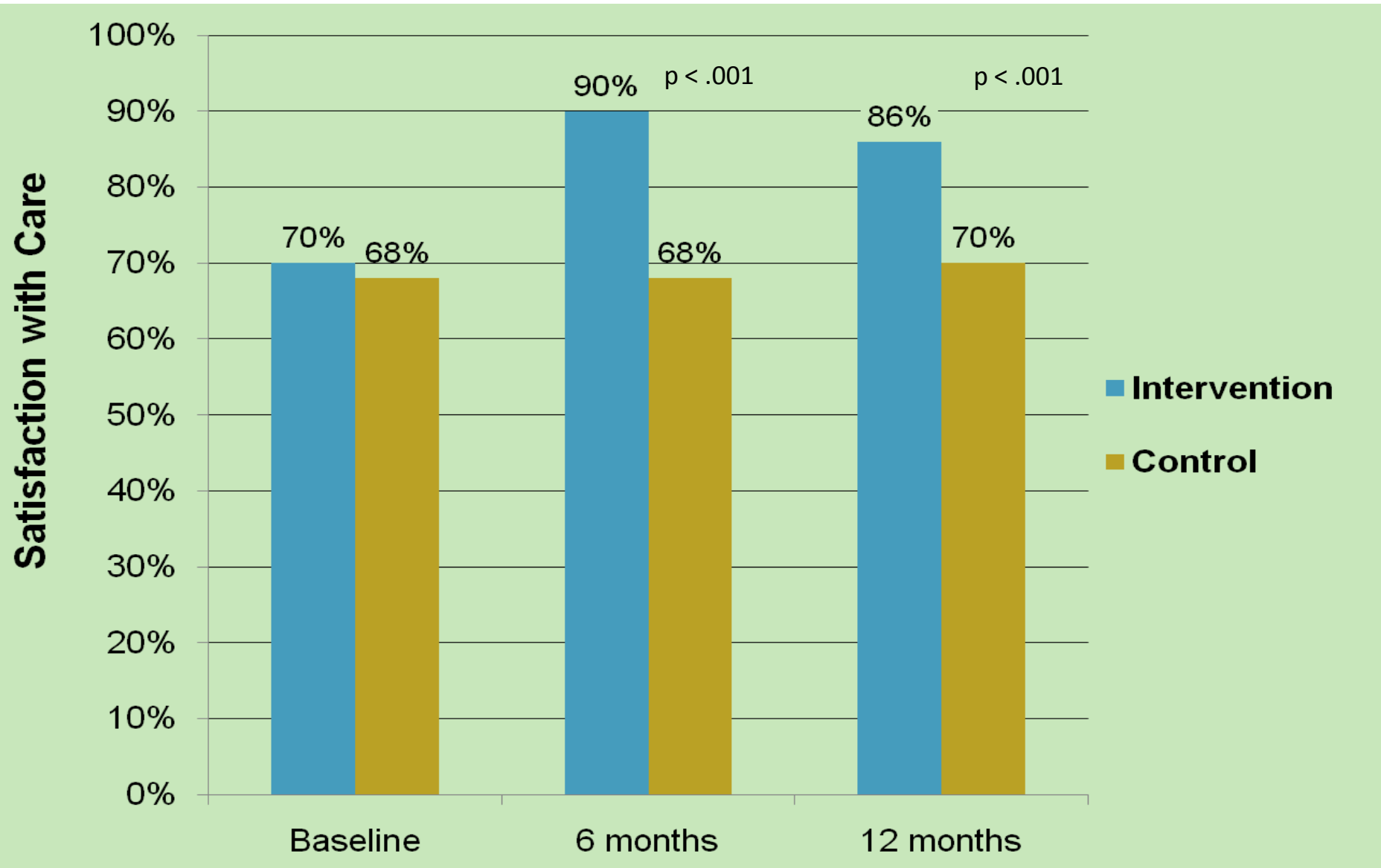


* p-value < 0.05 ; ** p-value < 0.01 ; *** p-value < 0.001

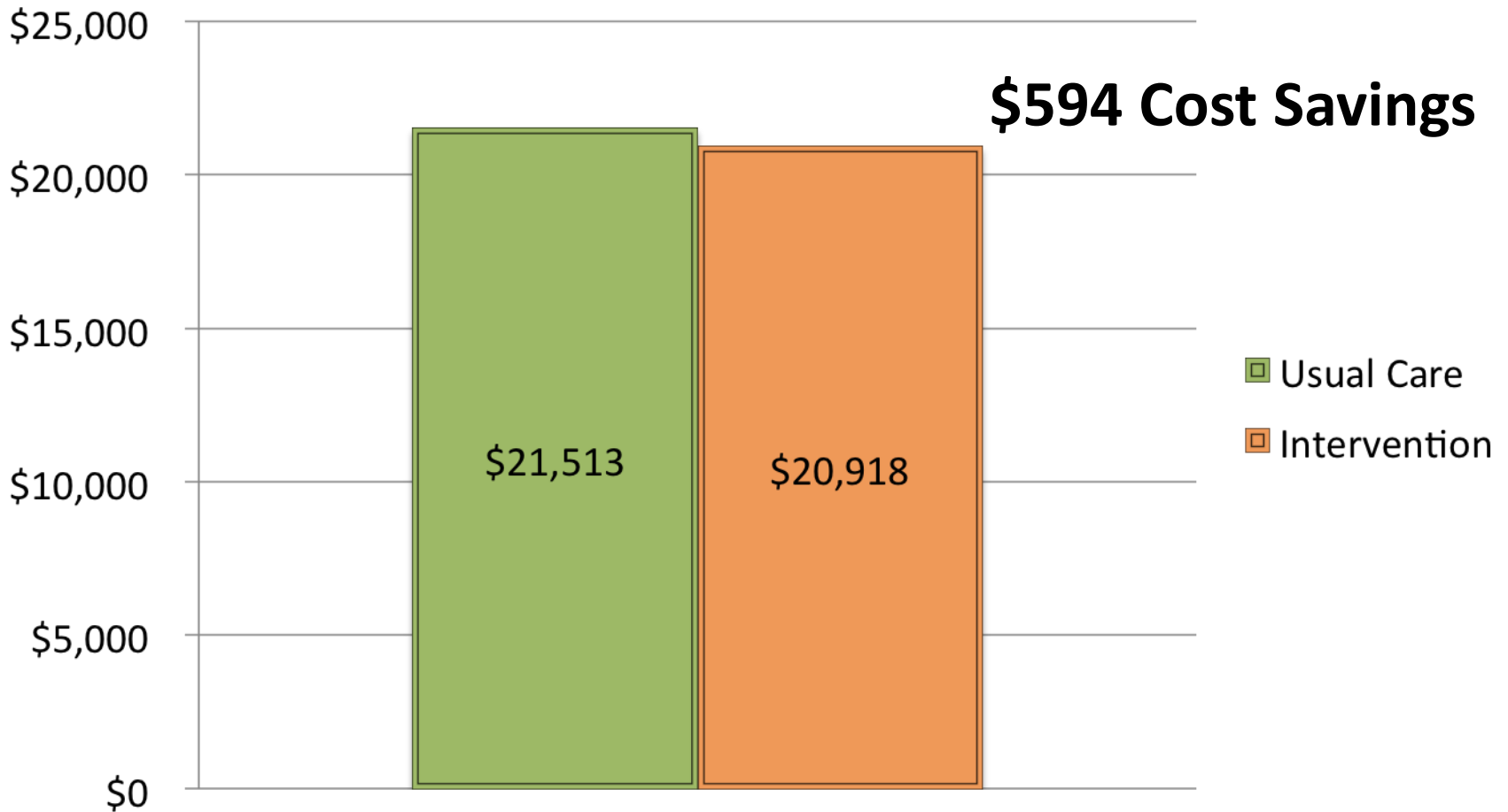
Satisfaction with Care of Depression



Satisfaction with Diabetes/CHD Care

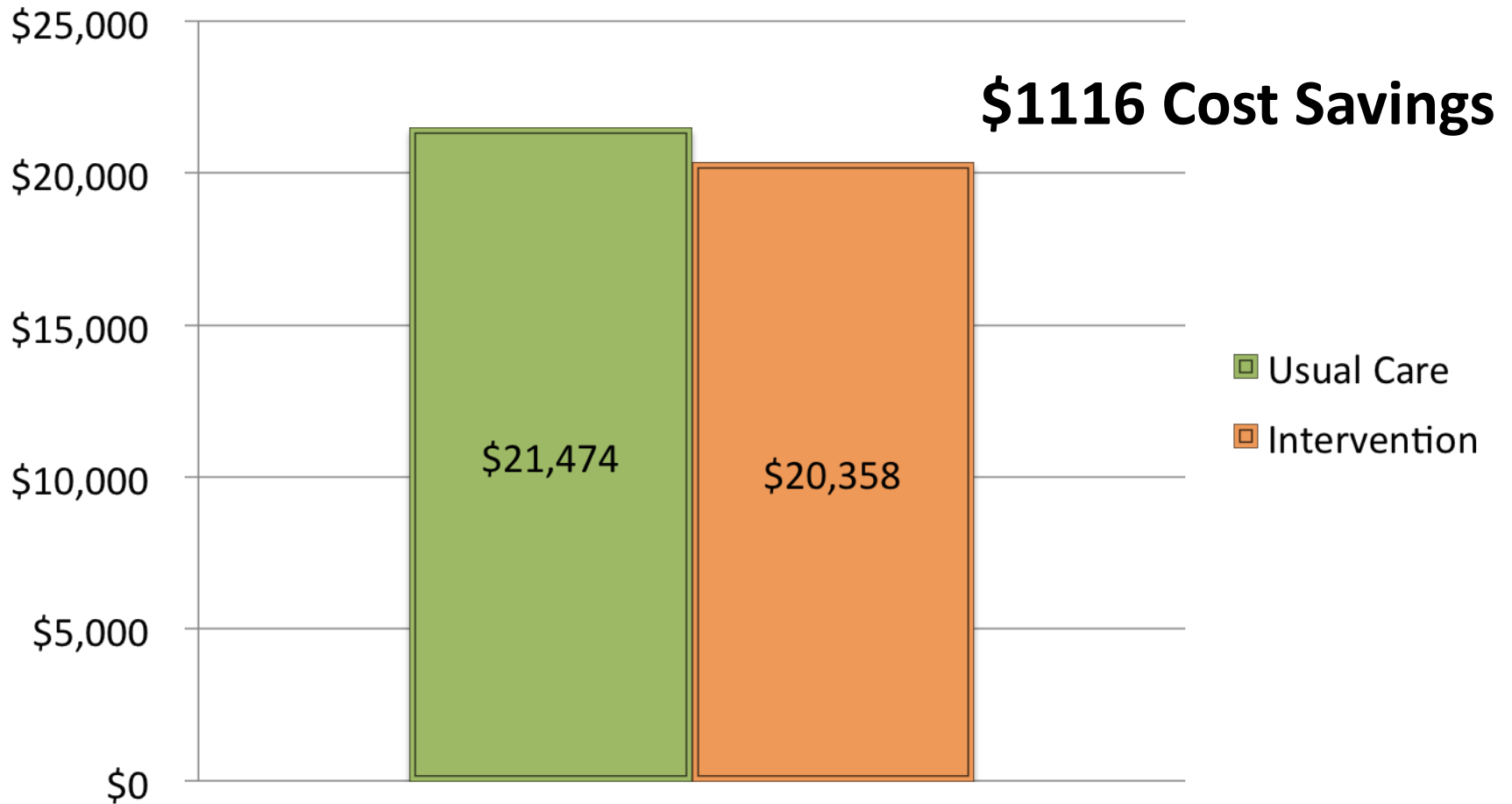


Adjusted 24-Month Intervention vs. Usual Care Outpatient Costs



24-Month Intervention vs. Usual Care

Adjusted Outpatient Costs (\$54/visit for 10 visits)



Achieving Level 2 or Level 3 PCMH NCQA Accreditation Depends on Compliance with 10 *Must-Pass* Components

Written standards for patient access and patient communication	<input type="checkbox"/>
Use of data to show standards for patient access and communication are met	<input type="checkbox"/>
Use of paper or electronic charting tools to organize clinical information	<input checked="" type="checkbox"/>
Use of data to identify important diagnoses and conditions in practice	<input checked="" type="checkbox"/>
Adoption and implementation of evidence-based guidelines for two chronic medical conditions and one behavioral condition	<input checked="" type="checkbox"/>

Achieving Level 2 or Level 3 PCMH NCQA Accreditation Depends on Compliance with 10 *Must-Pass* Components

Active support of patient self-management	<input checked="" type="checkbox"/>
Systematic tracking of tests and follow-up on test results	<input checked="" type="checkbox"/>
Systematic tracking of critical referrals	<input checked="" type="checkbox"/>
Measurement of clinical and/or service performance	<input checked="" type="checkbox"/>
Performance reporting by physician or across the practice	<input checked="" type="checkbox"/>

Multi-Condition Collaborative Care

An evidence-based strategy for addressing patients with multiple conditions using a team-based approach

Associated with:

- better outcomes
- better quality of care
- lower cost

TEAMcare Collaborative Care at The Polyclinic: Program Description

Elise Ernst, MEd, MSW, MBA
Vice President of Practice Management
The Polyclinic
Seattle, WA

The Polyclinic Profile

- Independent, physician-owned, multi-specialty clinic since 1917
- Over 200 providers in 30 specialties, 66 are PCPs
- 192,000 patients
- 13 locations
- Primary Care is on the top floor!





THE
POLYCLINIC



When and how did TEAMcare start at The Polyclinic?

- Part of Primary Care Transformation
- Attendance at TEAMcare training led to conversations with Drs. Katon and Ciechanowski.
- Over many months, UW and The Polyclinic designed the initial program.
- RN FTE was “borrowed” as there were no RNs in Primary Care at that time.

- Contract was negotiated/signed (No cost to patients).
- 2-day RN training was completed.
- Materials were created for patients, PCPs, and clinic staff, including FAQs.
- Presented at IM and FM section meetings to gain physician and administrative approval.
- First case staffing was September 2012.
- To date over 100 patients have been enrolled, utilizing 6 RNs who are parttime to this program (maximum 25% of their time).

Who is the **TEAM**?

- 6 RN Case Managers
- 1 Pharmacist
- 1 RN Supervisor
- 1 Certified Diabetic Educator
- 1 Internal Medicine Physician
- 1 Psychiatrist

Additional:

- 2 Masters' level Psychology Interns from Seattle Pacific University
- VP of Primary Care



How TEAMcare works at the Polyclinic

Patients are referred in one of two ways:

1. PCPs refer patients to RNs directly, *or*
2. Diabetes Registry is sorted for all PHQ-9s with score of ≥ 10 , along with at least one other clinical value out of control; A1c ≥ 8 , **or** LDL ≥ 100 , **or** BP ≥ 140 (systolic).
3. Majority of patients are initially found by data sort.
4. As PCPs become more aware of program, they refer additional patients.

What are some of the Tools?

- PHQ-9 (Patient Health Questionnaire)
- FAQs (customized for your organization)
- Patient handout introducing TEAMcare
- Decision Balance Worksheet (grid)
- Problem Solving Treatment Worksheet
- Motivational Interviewing Techniques
- Goal Setting—How to choose a problem to address
- Shared Decision-Making
- **Self-Harm Risk Assessment Policy**
- **Notes and MyChart in EPIC**



THE
POLYCLINIC



Self-Harm Risk Policy

Search Pulse


[Self-Harm Risk Policy](#)

[News and Events](#) [Policies and Procedures](#) [Resources](#)


[Login to ULTIPro](#)

[THE POLYCLINIC](#)

THE TICKER



 **This weekend's Saturday Clinic!** NEW
Read this story for the roster of physicians who will be available at The Polyclinic's Saturday Clinics at Madison Center and Northgate this weekend, Saturday, September 7, from 9 a.m. – 3 p.m...

WHAT'S CIRCULATING



 **Join Team Polyclinic at the 2013 Seattle AIDS Walk and 5k Run!** NEW
Join Team Polyclinic at the Seattle AIDS Walk and 5k Run on Saturday, September 28 at Volunteer Park. The event benefits Lifelong AIDS Alliance, a comprehensive AIDS service organization offering HIV/AIDS prevention and care services...


PERFORMANCE DASHBOARD


Thursday 9/5/2013

	Measure	Target
Arrived Patients	1,702	1,971 
New Patients	79	TBD 

Monday 9/2/2013 thru Thursday 9/5/2013

	Measure	Target
Arrived Patients	5,299	5,912 
New Patients	207	TBD 

 Email dashboard.help@polyclinic.com for questions

 Read the Help document here!

Case Staffing

- Weekly 2-hour meetings
- Each patient's EPIC record is brought up on screen
- RN presents patient
- Drs. Townsend and Ciechanowski share management of the staffing
- Team has staffed 45-55 patients in one setting.
- RN supervisor uses a timer to keep us moving along!



Case Staffing, continued

- If a patient is not new, presentation starts with previous week's recommendations.
- Recommendations are made for managing depression, including possible suicide risk, and diabetes, focusing on non-controlled measures.
- Medication lists are reviewed and updated.
- Health maintenance issues are also addressed.
- Team strives to move each patient to **target** on all 4 parameters.
- Humor is helpful!

TEAMcare in action



Communication with Referring PCP?

- A note taker records all recommendations.
- Immediately following the meeting, RNs enter lab orders into EPIC, send notes to clinic staff, and send notes to PCPs with team recommendations.
- PCP can either:
 - 1) choose to follow recommendations, or
 - 2) consult with RNs for further clarity, or
 - 3) ignore them.

RN contacts with patients are approximately 50/50:

- 50% face-to-face, including “stalking” patients at scheduled clinic visits.
- 50% phone and email contact, including MyChart messaging.

TEAMcare Collaborative Care at The Polyclinic: Clinical Data and Outcomes

*Oren Townsend, MD
Medical Director of the Physicians'
Care Network
The Polyclinic
Seattle, WA*

Patients Enrolled
N = 90



THE
POLYCLINIC

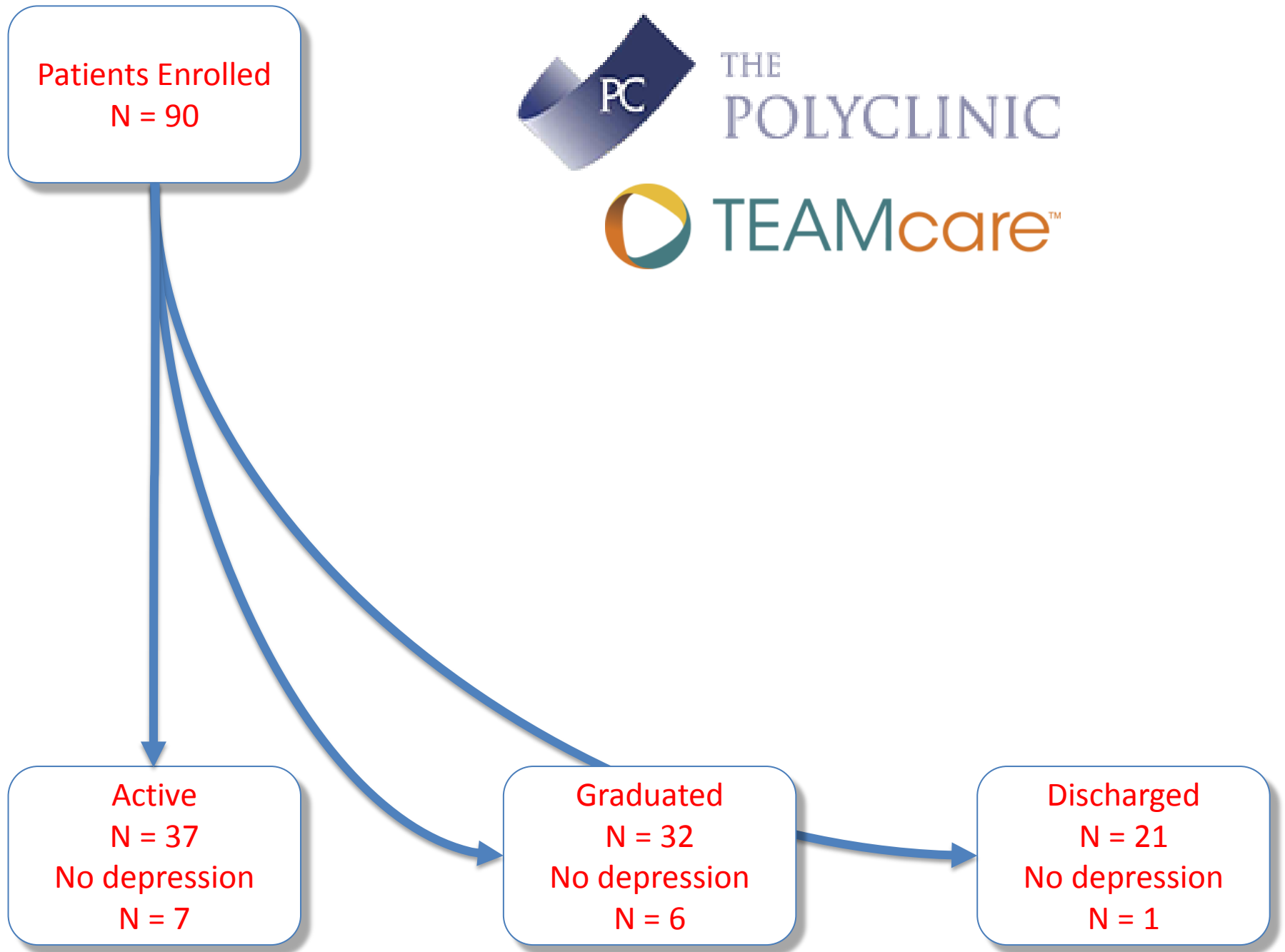


TEAMcare™

Active
N = 37
No depression
N = 7

Graduated
N = 32
No depression
N = 6

Discharged
N = 21
No depression
N = 1



Patients Enrolled
N = 90

Program Enrollment Criteria

- Automated data (ICD-9) of having:
 - diabetes +/- coronary artery disease
- **Poor disease control:**
 - $\text{HbA}_{1c} \geq 8.0\%$
 - Blood pressure $\geq 140/90$ mmHg
 - LDL ≥ 100 mg/dl
- **PHQ-9 ≥ 10 = Major Depression**

Active
N = 37
No depression
N = 7

Graduated
N = 32
No depression
N = 6

Discharged
N = 21
No depression
N = 1

Patients Enrolled
N = 90

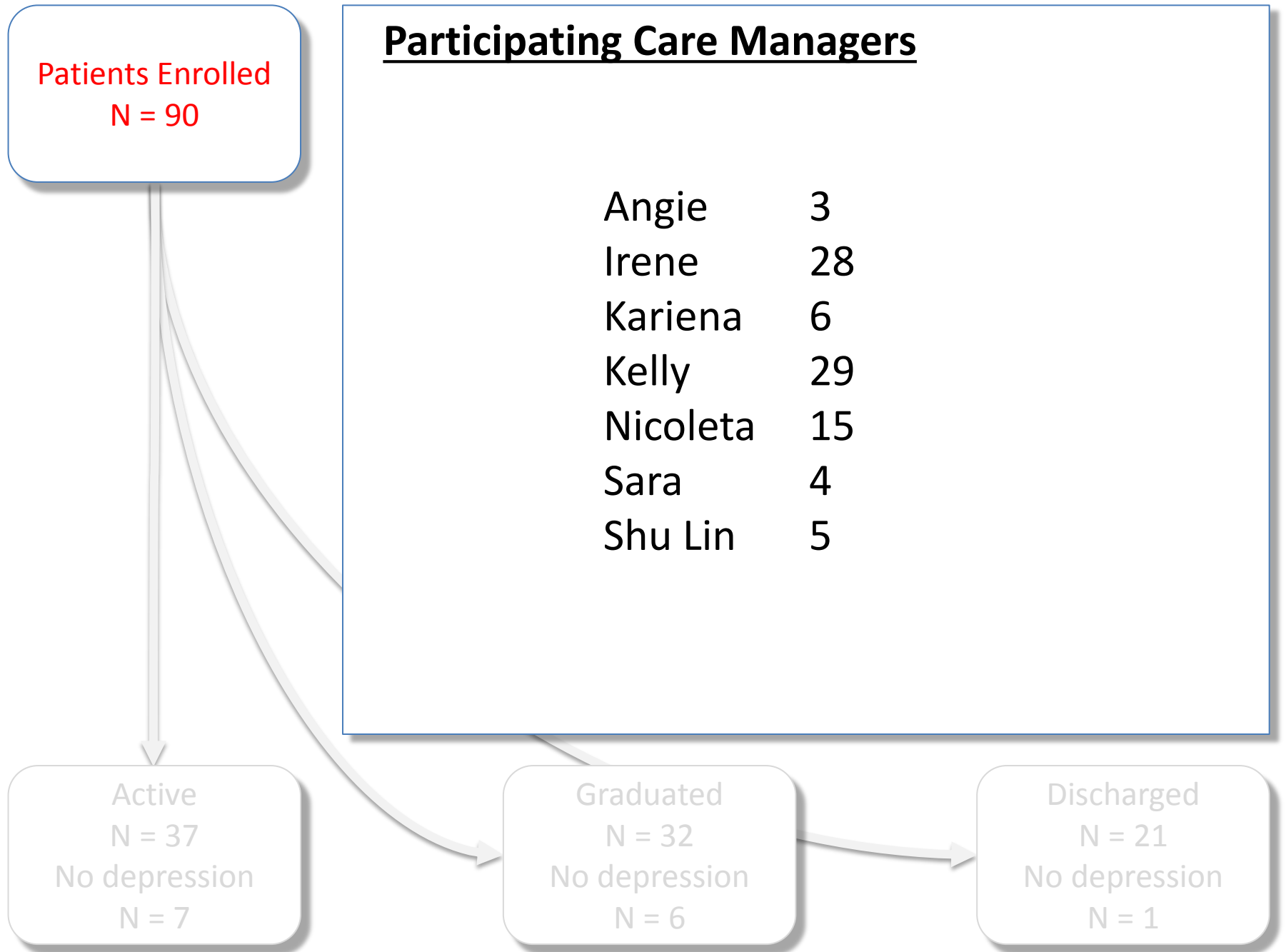
Participating Care Managers

Angie	3
Irene	28
Kariena	6
Kelly	29
Nicoleta	15
Sara	4
Shu Lin	5

Active
N = 37
No depression
N = 7

Graduated
N = 32
No depression
N = 6

Discharged
N = 21
No depression
N = 1



Patients Enrolled
N = 90

Participating Providers

Baumgaertel	2	Lee	1
Bautista	1	Liddell	1
Brown	2	Mayeda	7
Brunsvold	1	McCabe	3
Cabodi	1	McIntyre	2
Clark	2	Myint	11
Cordova	11	Palagi	1
Farooqi	1	Peterson	1
Friedmann	4	Raymer	7
Frownfelter	4	Rosen	1
Gonchar	1	Rossi	2
Goode	1	Sharp	3
Hatfield	2	Sherman	9
John	2	Showell	1
King	2	Stimson	1
Kiyonaga	1	Townsend	1

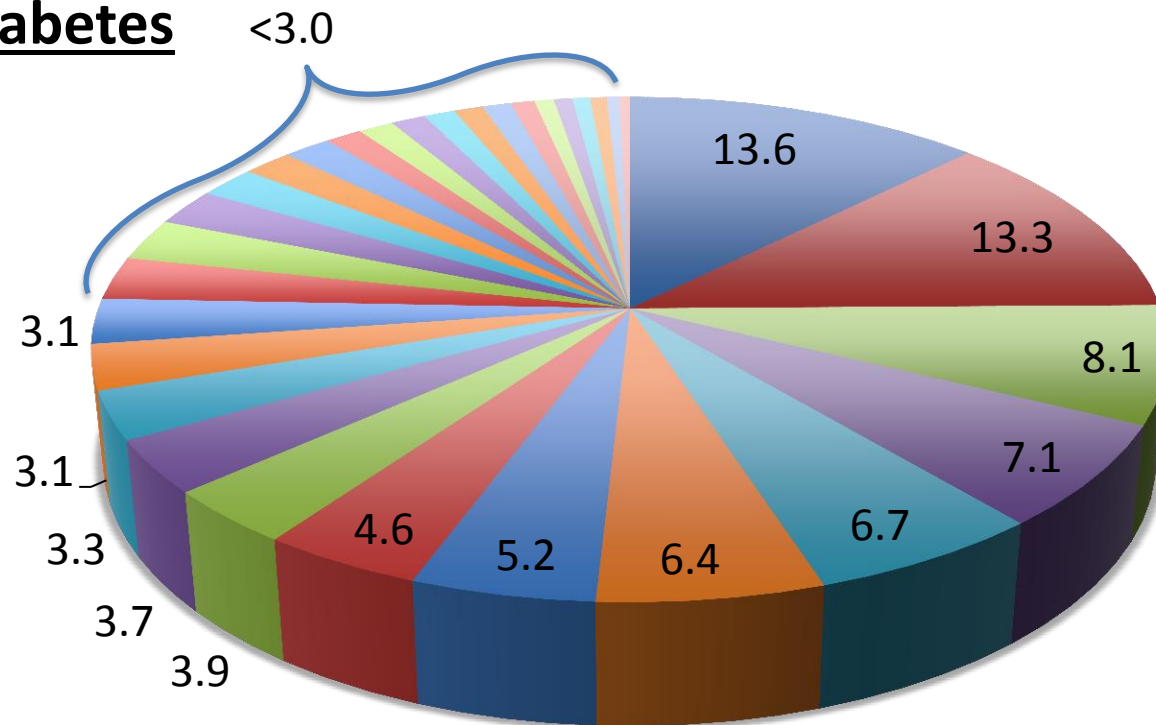
Active
N = 37
No depression
N = 7

Graduated
N = 32
No depression
N = 6

Discharged
N = 21
No depression
N = 1

Patients Enrolled
N = 90

Percent Patients Enrolled from Each Participating Provider's Panel of Patients with Diabetes



Active
N = 37
No depression
N = 7

Graduated
N = 32
No depression
N = 6

Discharged
N = 21
No depression
N = 1

Patients Enrolled
N = 90

Number of Patients per Provider

N = 3

8+

N = 6

3-7

N = 23

1-3

Active
N = 37
No depression
N = 7

Graduated
N = 32
No depression
N = 6

Discharged
N = 21
No depression
N = 1

Patients Enrolled
N = 90

Patient Demographics

Mean Age +/- SD (yrs)	60.5 +/- 11.5
Age Range (yrs)	27 to 88
Female Gender (%)	62 (68.9%)
Male Gender (%)	28 (31.1%)

Active
N = 37
No depression
N = 7

Graduated
N = 32
No depression
N = 6

Discharged
N = 21
No depression
N = 1

Patients Enrolled
N = 90

Baseline Patient Clinical Characteristics

Mean HbA1c (%)	8.5 +/- 2.1
Mean Systolic BP (mmHg)	130.3 +/- 15.7
Mean Diastolic BP (mmHg)	77.2 +/- 10.0
Mean LDL (mg/dL)	110.2 +/- 42.3
Mean PHQ-9	13.7 +/- 5.2

Active
N = 37
No depression
N = 7

Graduated
N = 32
No depression
N = 6

Discharged
N = 21
No depression
N = 1

Patients Enrolled
N = 90

Mean Length of Enrollment (weeks)

Active Patients (range)	21.6 +/- 14.0 (1 to 46)
Graduated Patients (range)	15.8 +/- 9.3 (1 to 39)
Discharged Patients (range)	17.3 +/- 10.2 (4 to 38)
All Patients (range)	18.5 +/- 11.8 (1 to 48)

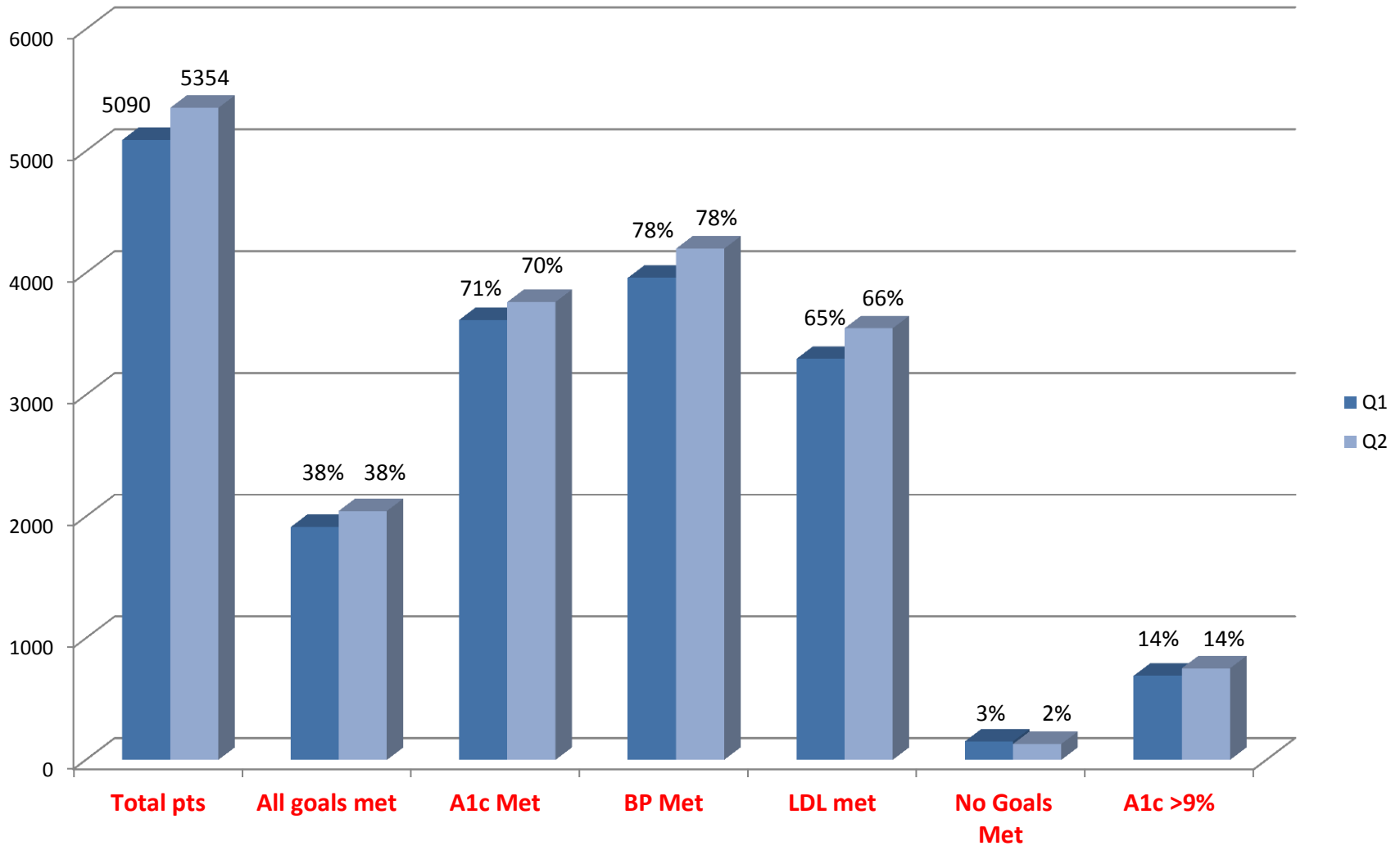
Active
N = 37
No depression
N = 7

Graduated
N = 32
No depression
N = 6

Discharged
N = 21
No depression
N = 1

Q1 2013 : Q2 2013 Bundle Data Comparison

A1C <8 * LDL <100 * BP < 140/90

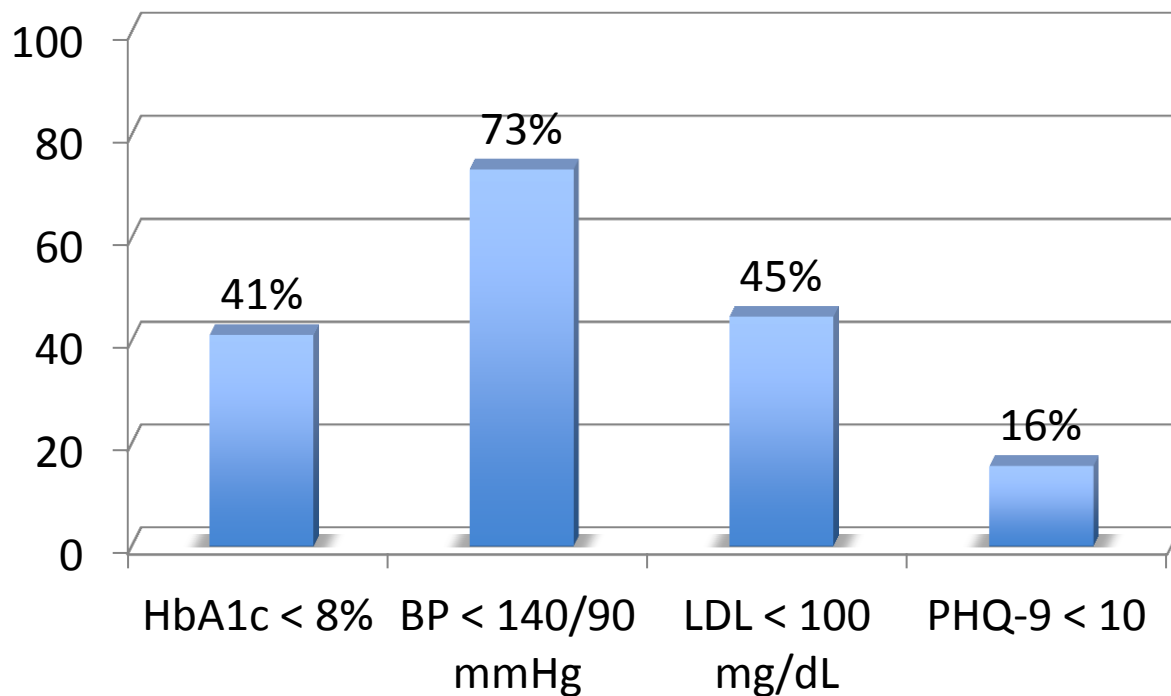


Over 300 patients added to registry in Q2 by including diabetes with complexities codes 250.4-250.7

Patients Enrolled
N = 90

Baseline Patient Clinical Characteristics

Proportion in Target



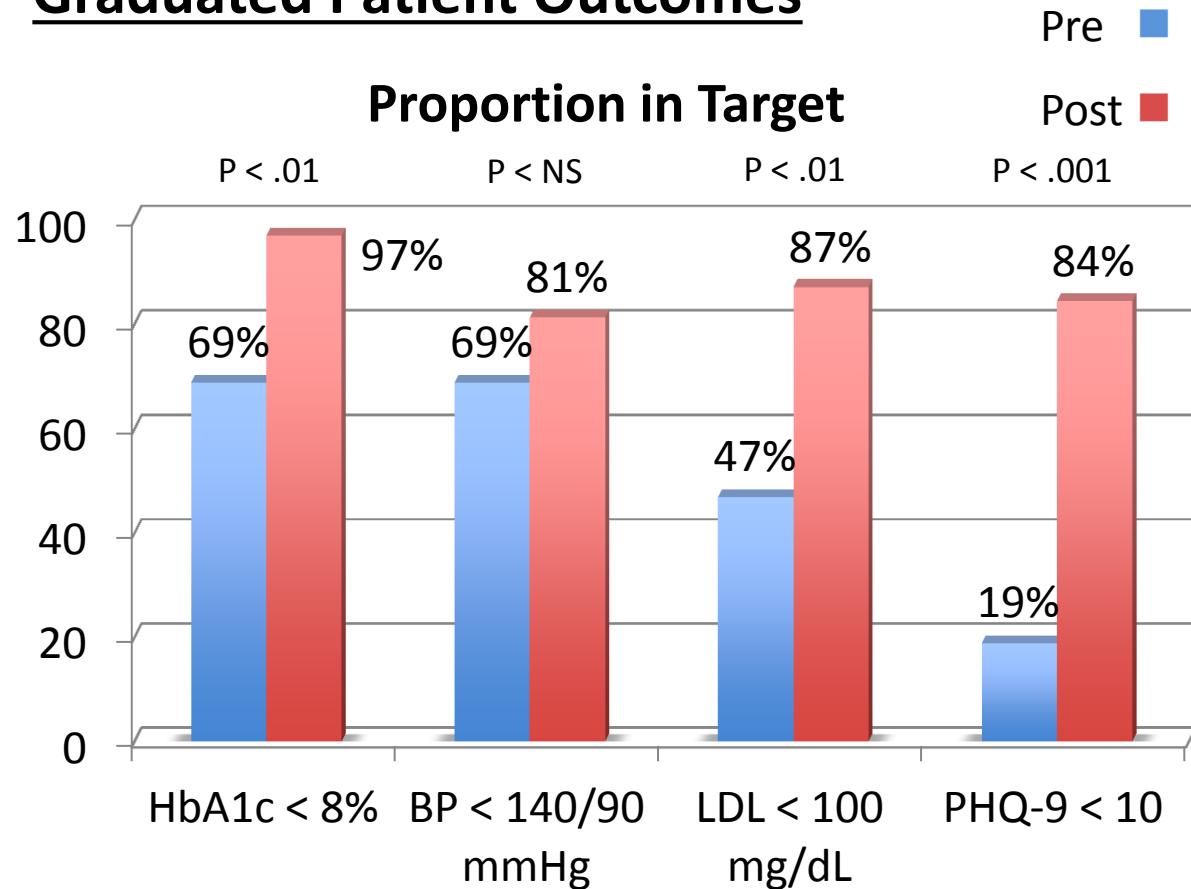
Active
N = 37
No depression
N = 7

Graduated
N = 32
No depression
N = 6

Discharged
N = 21
No depression
N = 1

Patients Enrolled
N = 90

Graduated Patient Outcomes



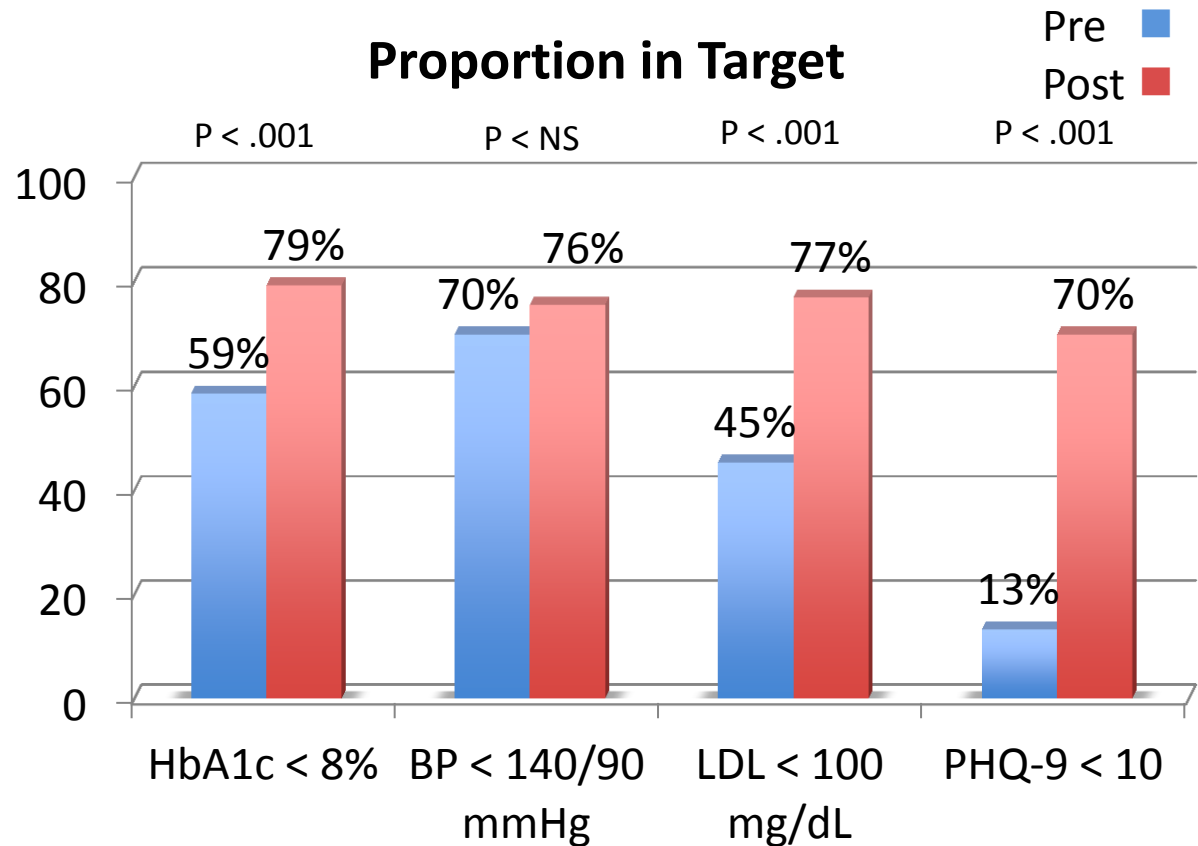
Active
N = 37
No depression
N = 7

Graduated
N = 32
No depression
N = 6

Discharged
N = 21
No depression
N = 1

Patients Enrolled
N = 90

Graduated and Discharged Patient Outcomes



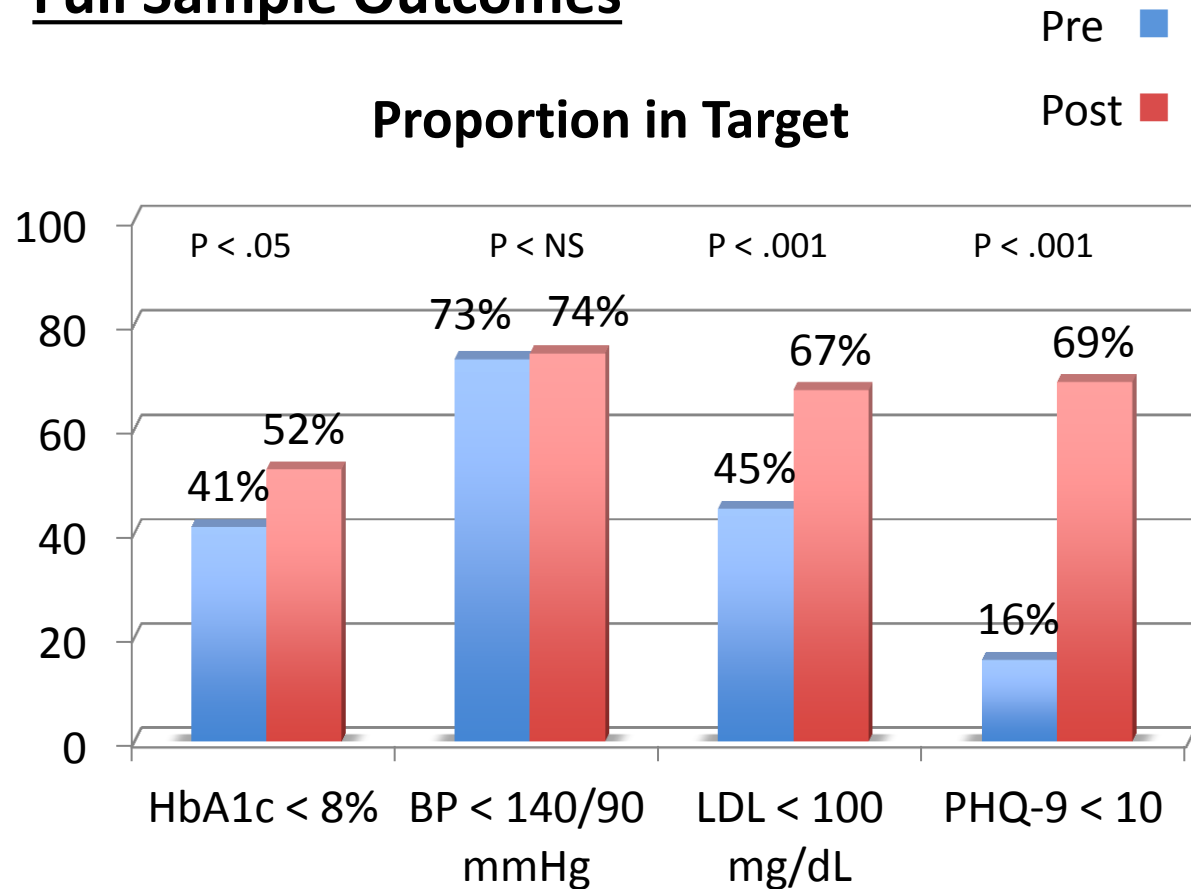
Active
N = 37
No depression
N = 7

Graduated
N = 32
No depression
N = 6

Discharged
N = 21
No depression
N = 1

Patients Enrolled
N = 90

Full Sample Outcomes



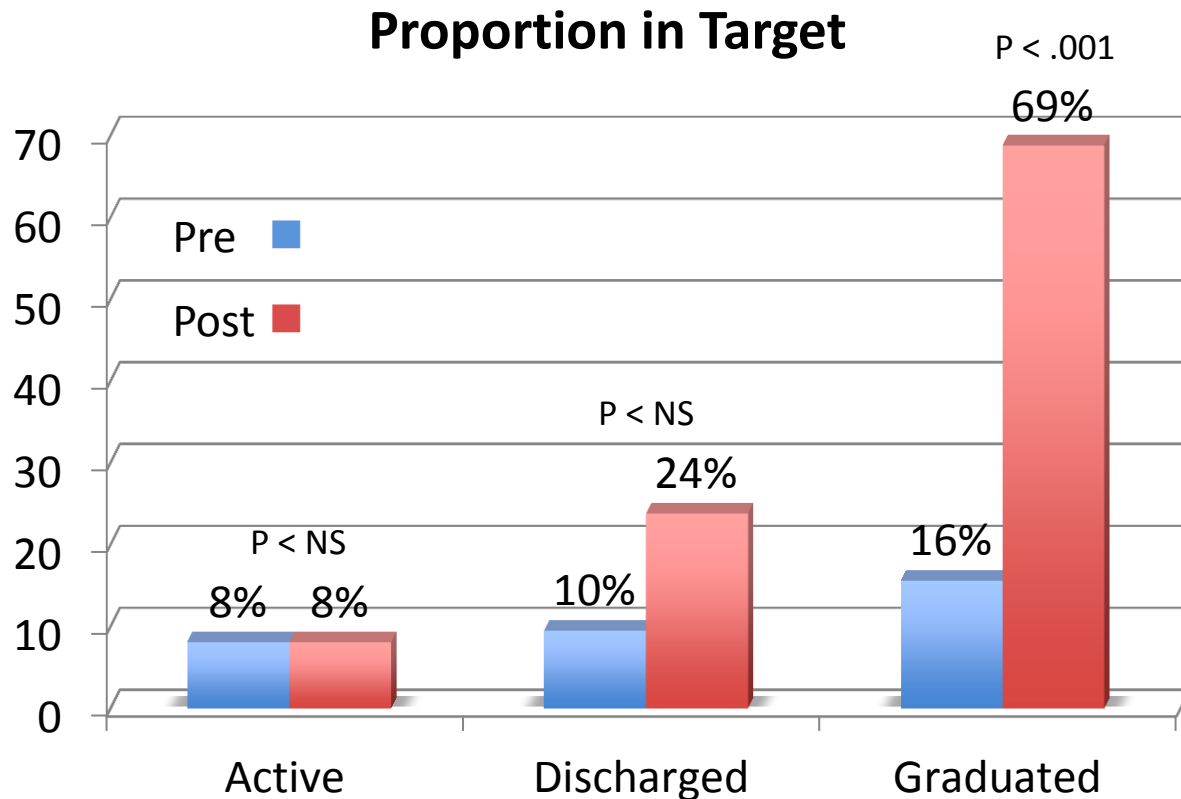
Active
N = 37
No depression
N = 7

Graduated
N = 32
No depression
N = 6

Discharged
N = 21
No depression
N = 1

Patients Enrolled
N = 90

Proportion with SBP, HbA1c and LDL in Target



Active
N = 37
No depression
N = 7

Graduated
N = 32
No depression
N = 6

Discharged
N = 21
No depression
N = 1

TEAMcare Collaborative Care at The Polyclinic: Lessons Learned

Oren Townsend, MD and Elise Ernst, MEd, MSW, MBA

What are the challenges the RNs face?

TEAMcare:

- *“Challenges the traditional paradigm of patient-doctor relationship which involves a doctor visit, diagnosis and prescription of a treatment the patient has to follow at home.”*
- *“Requires following patients in their day-to-day routines and extending our support to them in areas they identify as needing help.”*

“It is a different RN role to work one-on-one with patients, with weekly follow through. It can be professionally empowering to partner with a patient to formulate and reach goals.”

“It is definitely a different way to care for patients than what you learned in school, quite the opposite. It is not predictable, and there will be times when you have no control over a situation, but the satisfaction is much greater when the most resistant patient will call out of the blue to talk about their diabetes management.”

Role of TEAM MDs—Why does it work?

“It takes a special physician or psychiatrist to be able to step back from the traditional role and be willing to step into a role where everyone on the team is viewed equally.”

What has been the response of patients?

- *“The patient response varies. Some patients enjoy the routine and structure while others view it as an intrusion on their lives. Finding a balance with each patient is essential if the goal is for the patient to receive the most benefit from the program.”*
- *“This outcome-focused program has partnered with patients in a new way to self monitor their diabetes.”*

Comments from Patients

- *“It’s been very helpful for me to have N (the RN).”*
- *“She has definitely been a good addition to my conscience.”*
- *“She gives me good reminders I need to keep track of myself.”*
- *“The team really took a closer look at my medications.”*
- *“I’m losing weight again.”*

Comments from Patients

- *“It’s good to know that somebody’s out there that knows what you’re going through.”*
- *“It’s good information about my Diabetes that she gives me.”*
- *“This program is so good, it touches on everything.”*
- *“Before TEAMcare, I was just existing, not really worried about getting myself on track.”*
- *“I think it’s an excellent choice for a person to make.”*

Comments from PCPs

- *“I have sent 11 patients to TEAMcare, and it has been a wonderful help for my patients, and for me. They have all improved their diabetes management.”*
- *“They (patients) get regular communication and follow up from the RN, and having all the notes in EPIC is a bonus.”*

What defines Organizational Readiness?

- Initial support & ongoing commitment of Leadership
- EMR
- Reliable report generation from registry data
- Psychiatrist (or access to psychiatric consultation)
- PCP (Internal Medicine/Family Medicine)
- RNs who have care management experience and are trained in TEAMcare model
- Administrative support

Organizational Readiness, continued

- RN supervisor/manager
- Organizational willingness to administer PHQ-9 to patients with one or more chronic conditions
- Approved Self-Harm Risk Policy to support PCPs/Staff with suicidal patients
- Co-location of RNs in Primary Care & Endocrinology
- Buy-in and education throughout all of Primary Care, including PCPs

Organizational Readiness, continued

- Policies and Procedures in place to address other behavioral health needs, including social work (The Polyclinic has just approved a small Behavioral Health program for 2014).
- Operations manager to solve day-to-day program issues as they arise.
- Ongoing support of administration as challenges arise.
- An attitude of perseverance and patience--embrace change!

One year later, what have we learned?

- Write a Self-Harm Risk Policy prior to program inception and train to it.
- Train the team more broadly at beginning of program.
- Schedule regular training updates as team members change.

One year later, what have we learned?

- Use RN care managers to train other clinical staff.
- Create methodology for gathering data that is well defined and agreed to by team, and keep it simple.
- Communicate with larger organization on a regular basis.

Questions?