

AltaMed

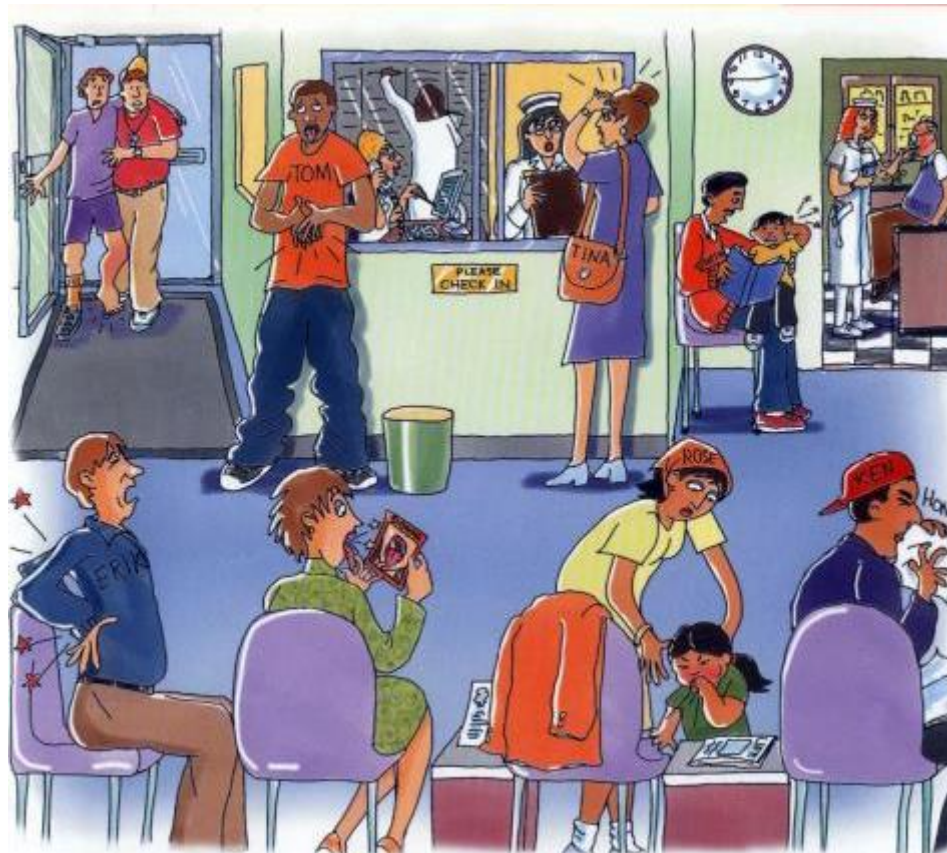
USC/AltaMed CMMI Healthcare Innovation Award Program: Integrating Clinical Pharmacy Services in Safety-Net Clinics

March 24, 2015



Clinical Pharmacy

WHY WE DID THIS



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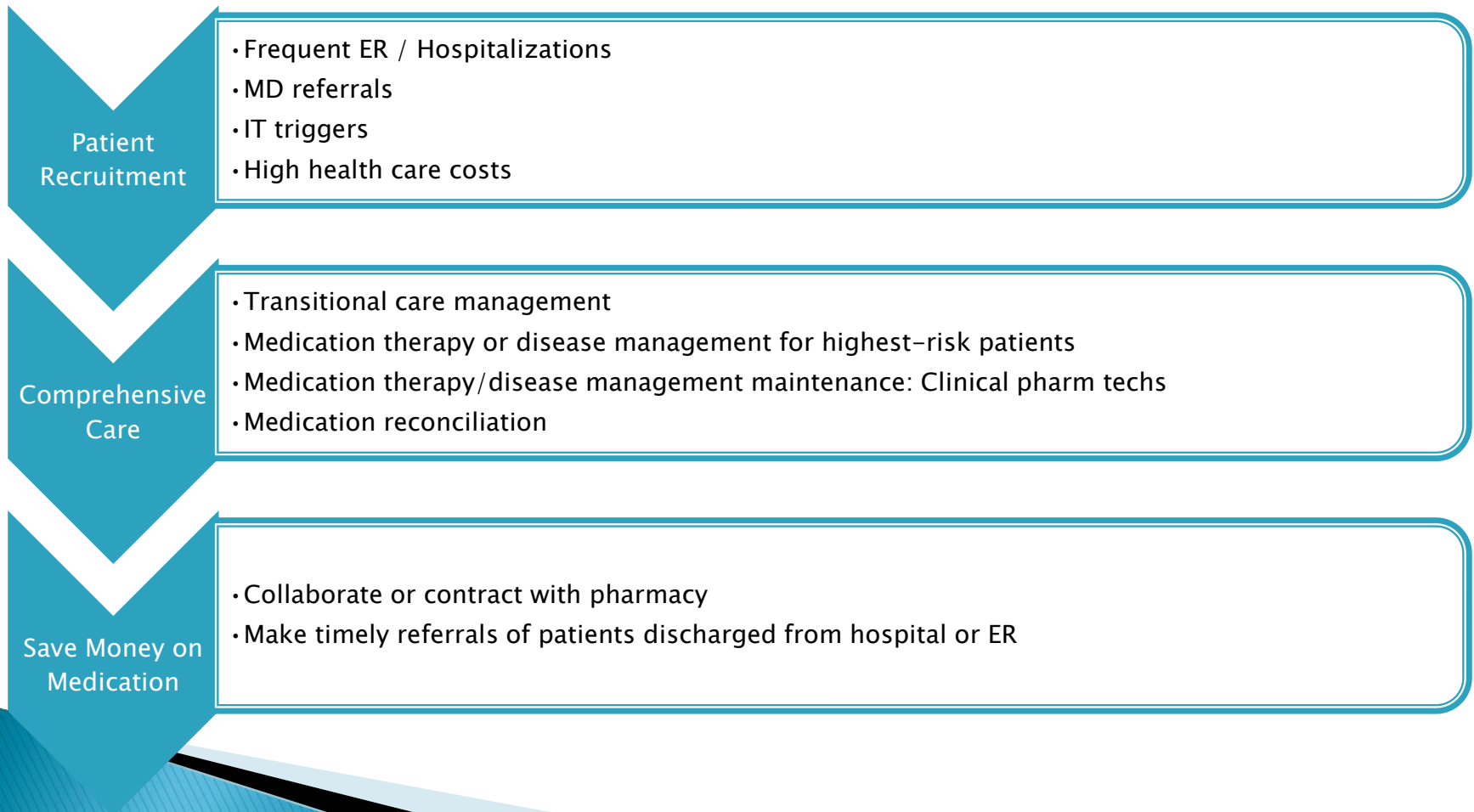
- Doctors don't like to follow protocols ...
- Pharmacists manage drug therapy better through collaborative practice agreements!



OVERCOMING ANXIETY

- ▶ Can pharmacists do this?
- ▶ Will they communicate with us?
- ▶ Why did I go to medical school?
- ▶ Liability?

Patient Treatment Strategy

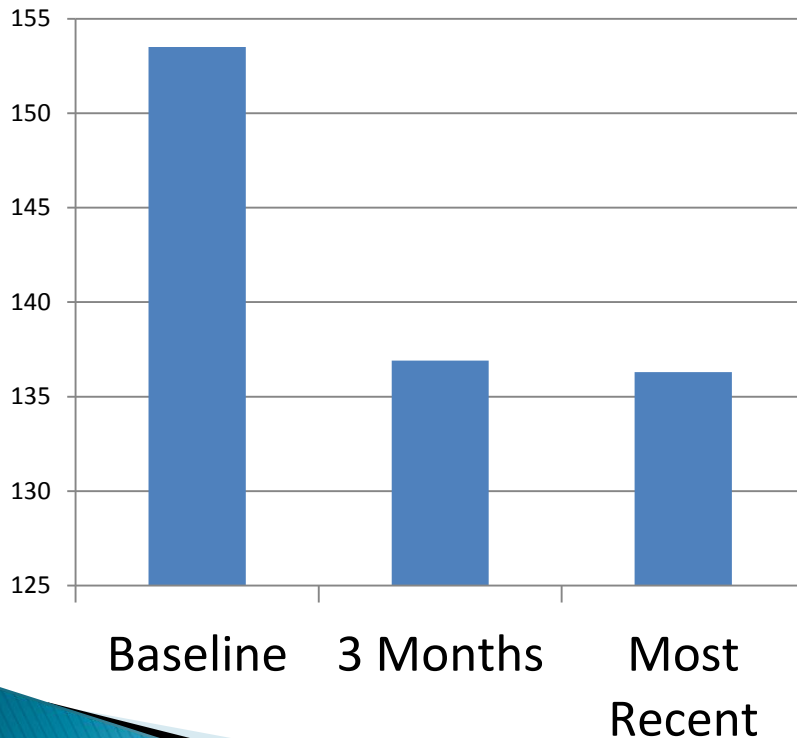


Outcome: Recruit high risk patients

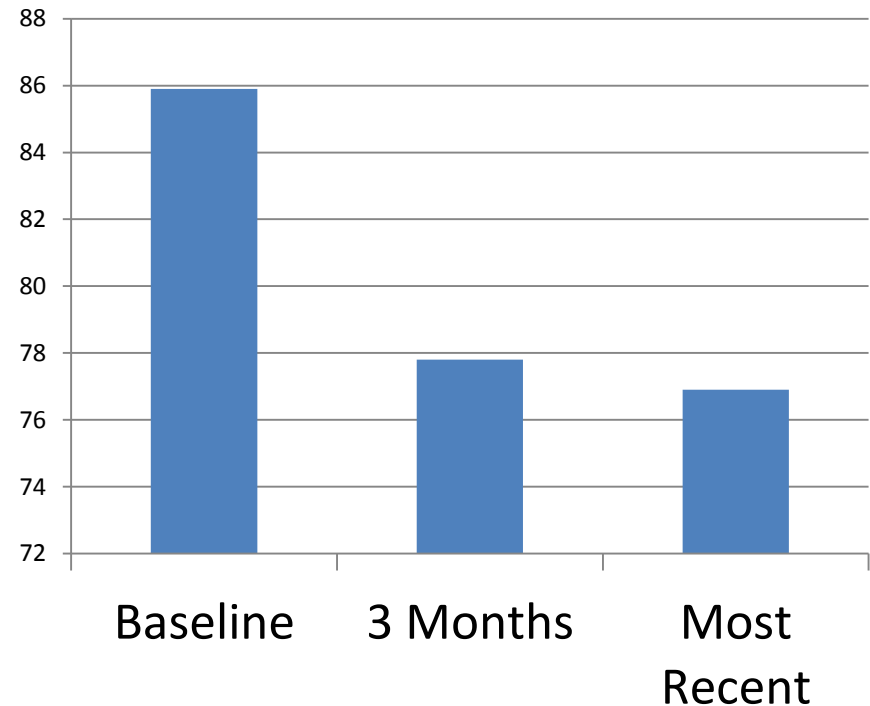
- Enrolled 6,000 patients since Oct 2012
 - Predominantly Hispanic, non-elderly women
- $3/4^{\text{ths}}$ have hypertension, 36% uncontrolled
- $2/3^{\text{rds}}$ have diabetes, 60% uncontrolled
- High rates of hospitalizations

Outcome: Improvement in Clinical Markers

Systolic Blood Pressure



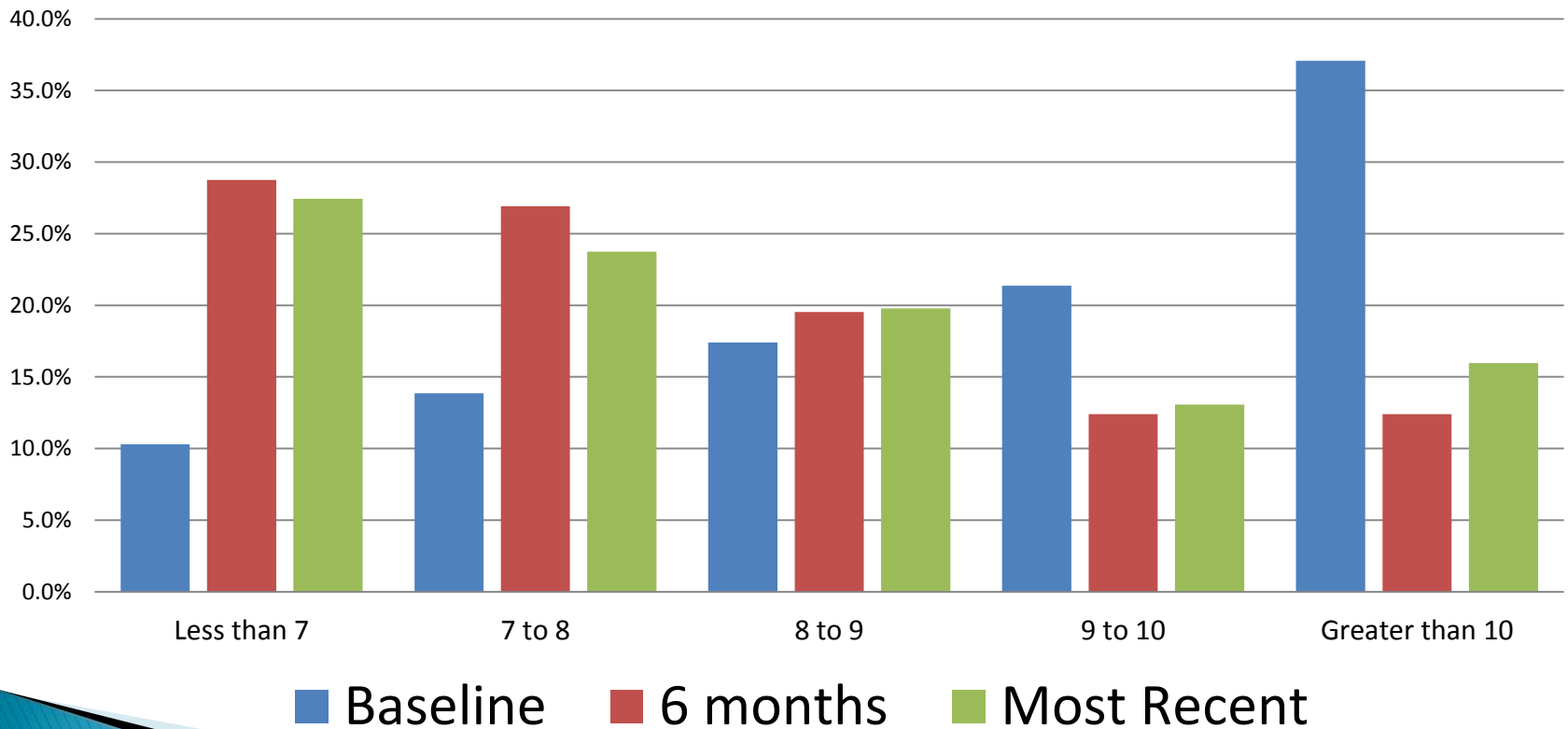
Diastolic Blood Pressure



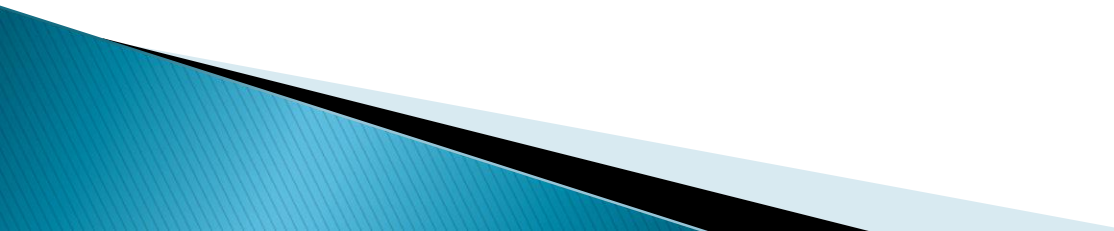
* Among those with uncontrolled hypertension at baseline

Outcome: Improvement in Clinical Markers

Blood Sugar Levels

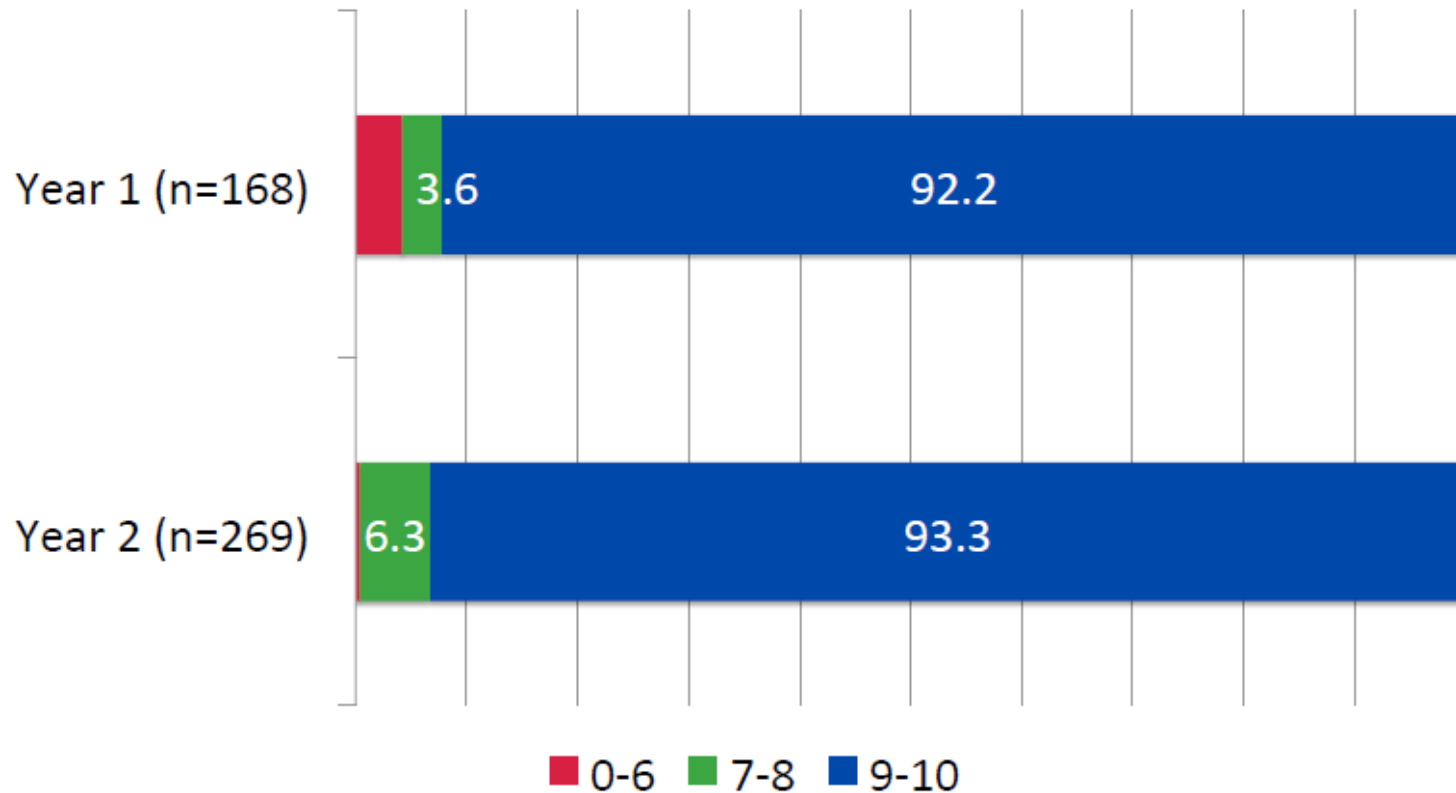


Outcome: ER and Hospitalizations are declining

- 10% reduction in ER visits relative to control group
 - 10% reduction in hospitalizations relative to control group
- 

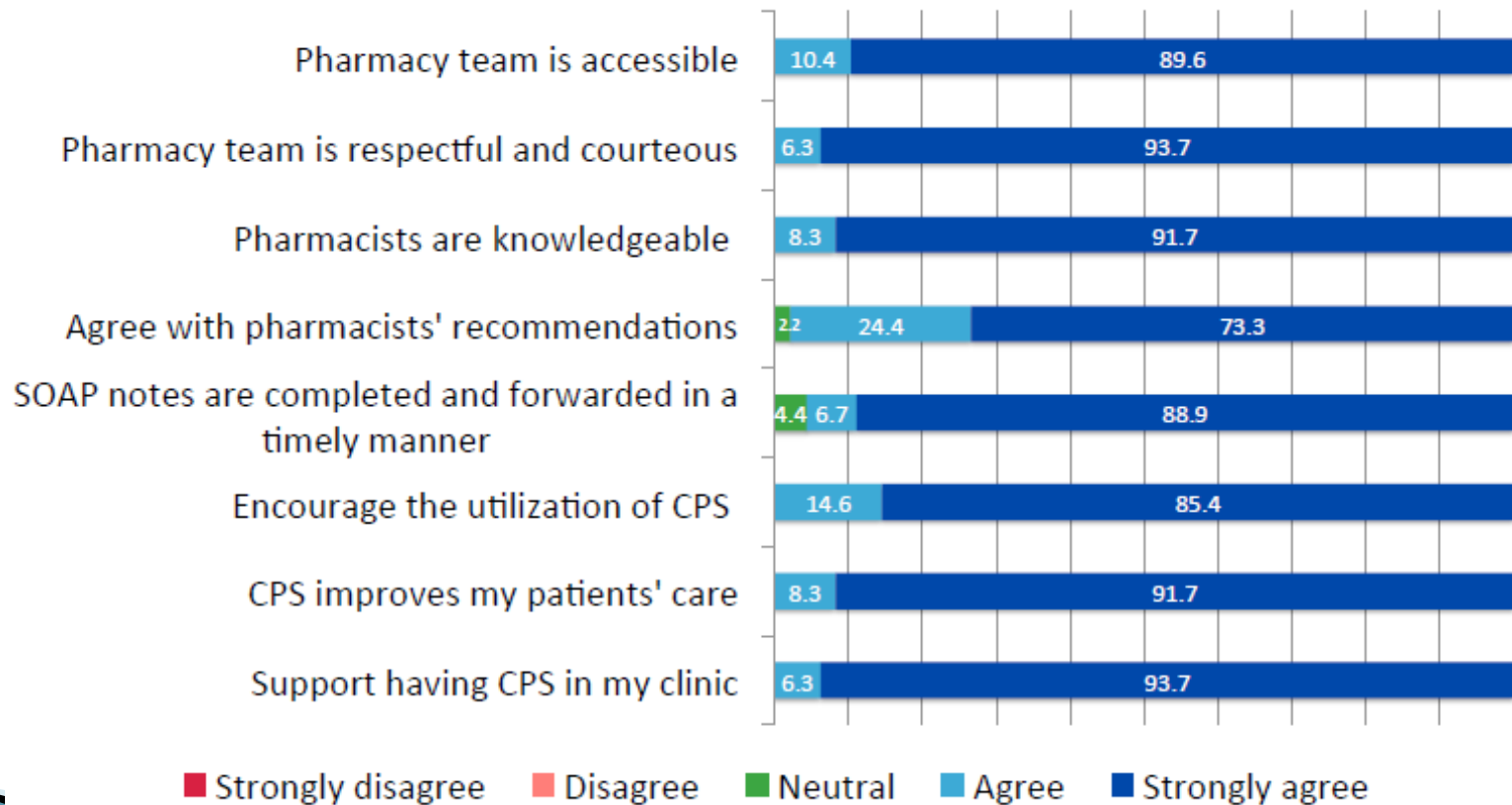
Results – Patient Satisfaction

Overall Rating of Clinical Pharmacist: *Year 1 vs. Year 2*



Results – Provider Satisfaction

Providers' Satisfaction with CPS: *Year 2 (n=48)*



Clinical Pharmacy

MAJOR CHALLENGE





USC Schaeffer
Leonard D. Schaeffer Center
for Health Policy & Economics

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Questions?