Model for Improvement

3 Key Questions for Improvement

What are we trying to accomplish?
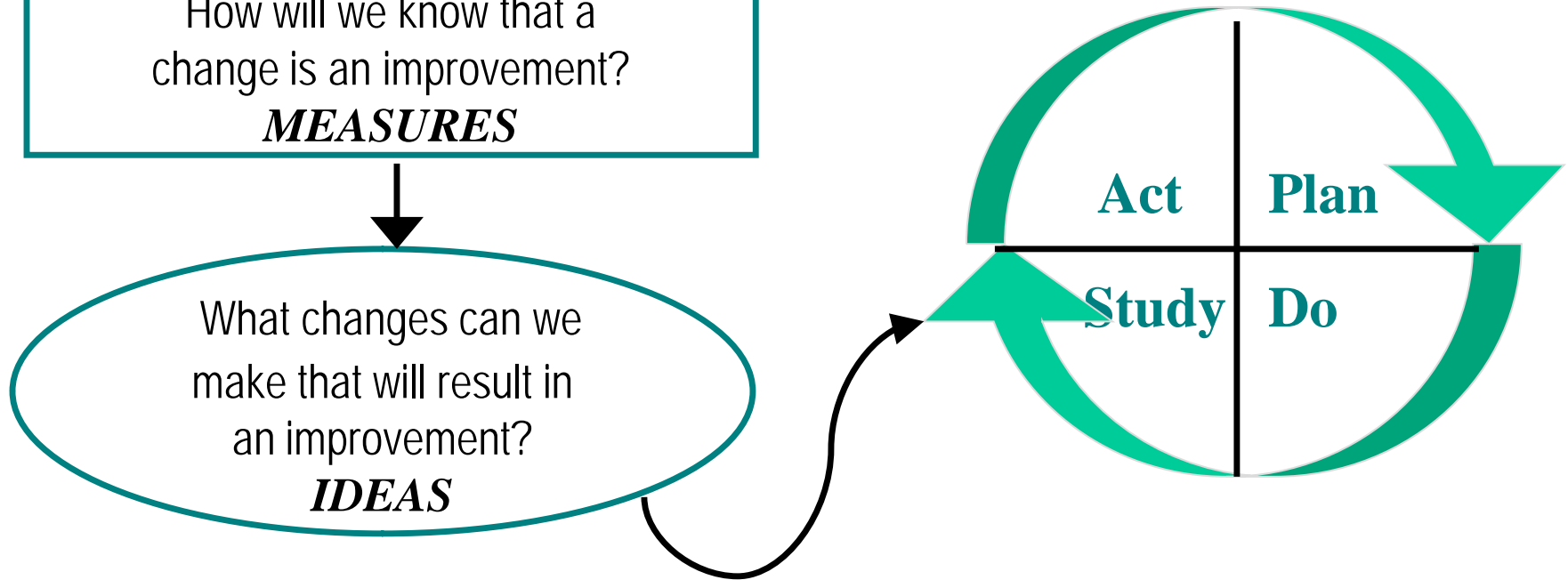*AIM*

How will we know that a change is an improvement?
MEASURES

What changes can we make that will result in an improvement?
IDEAS

Test Ideas & Changes in Cycles for Learning & Improvement

Act **Plan**

Study **Do**

Write a Theme for Improvement: _____

Global Aim Statement

Create an aim statement that will help keep your focus clear and your work productive:

We aim to improve: _____
(Name the process)

In: _____
(Clinical location in which process is embedded)

The process begins with: _____
(Name where the process begins)

The process ends with: _____
(Name the ending point of the process)

By working on the process, we expect: _____
(List benefits)

_____

_____

It is important to work on this now because: _____
(List imperatives)

_____

Create Flowchart

Specific Aim Statement

We will: ☐ improve ☐ increase ☐ decrease

The: ☐ quality of ☐ number/amount of ☐ percentage of _____
(process)
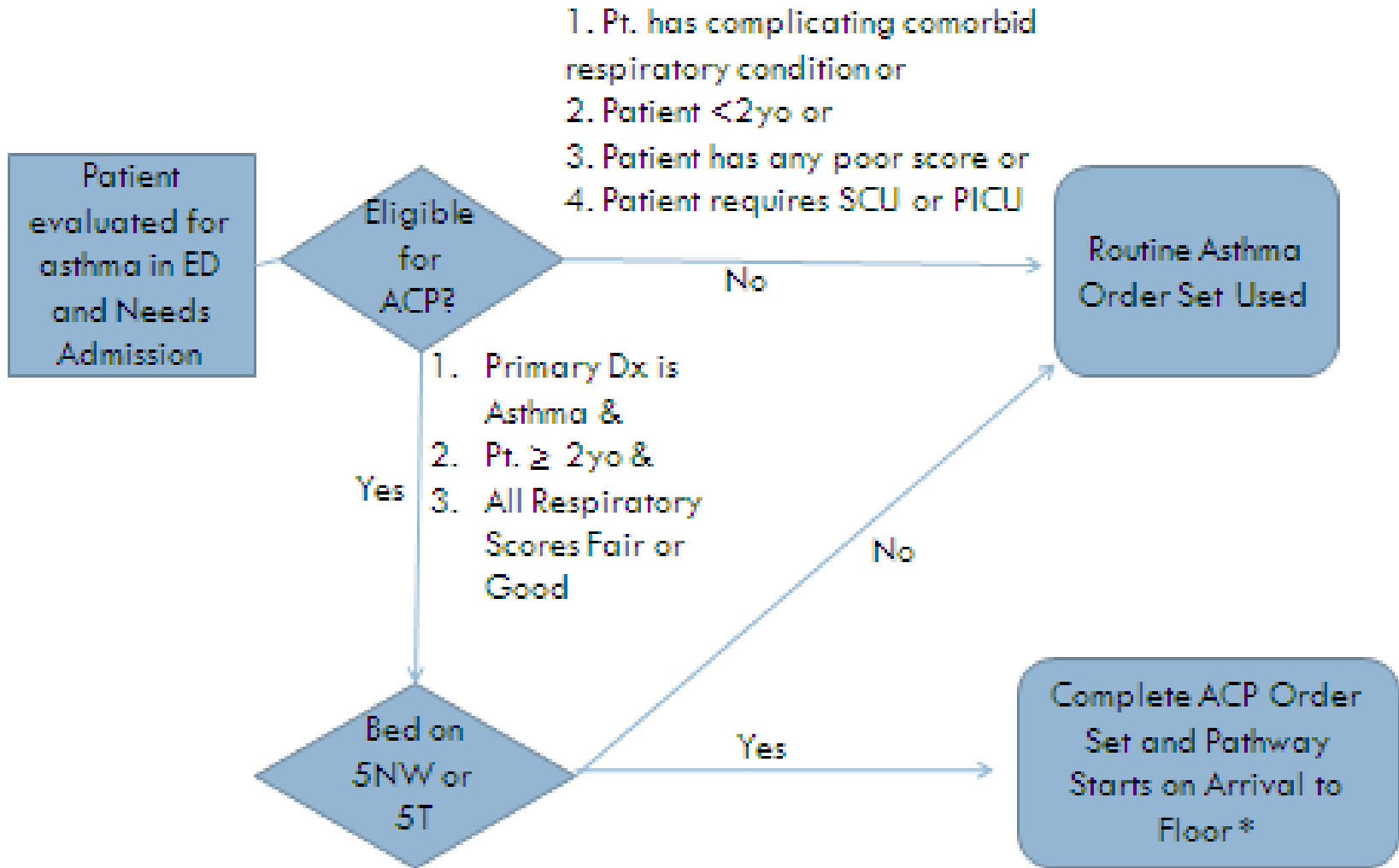
By: _____
(percentage)

OR

From: _____
(baseline state/number/amount/percentage)

To/By: _____
(describe the change in quality or state the number/amount/percentage)
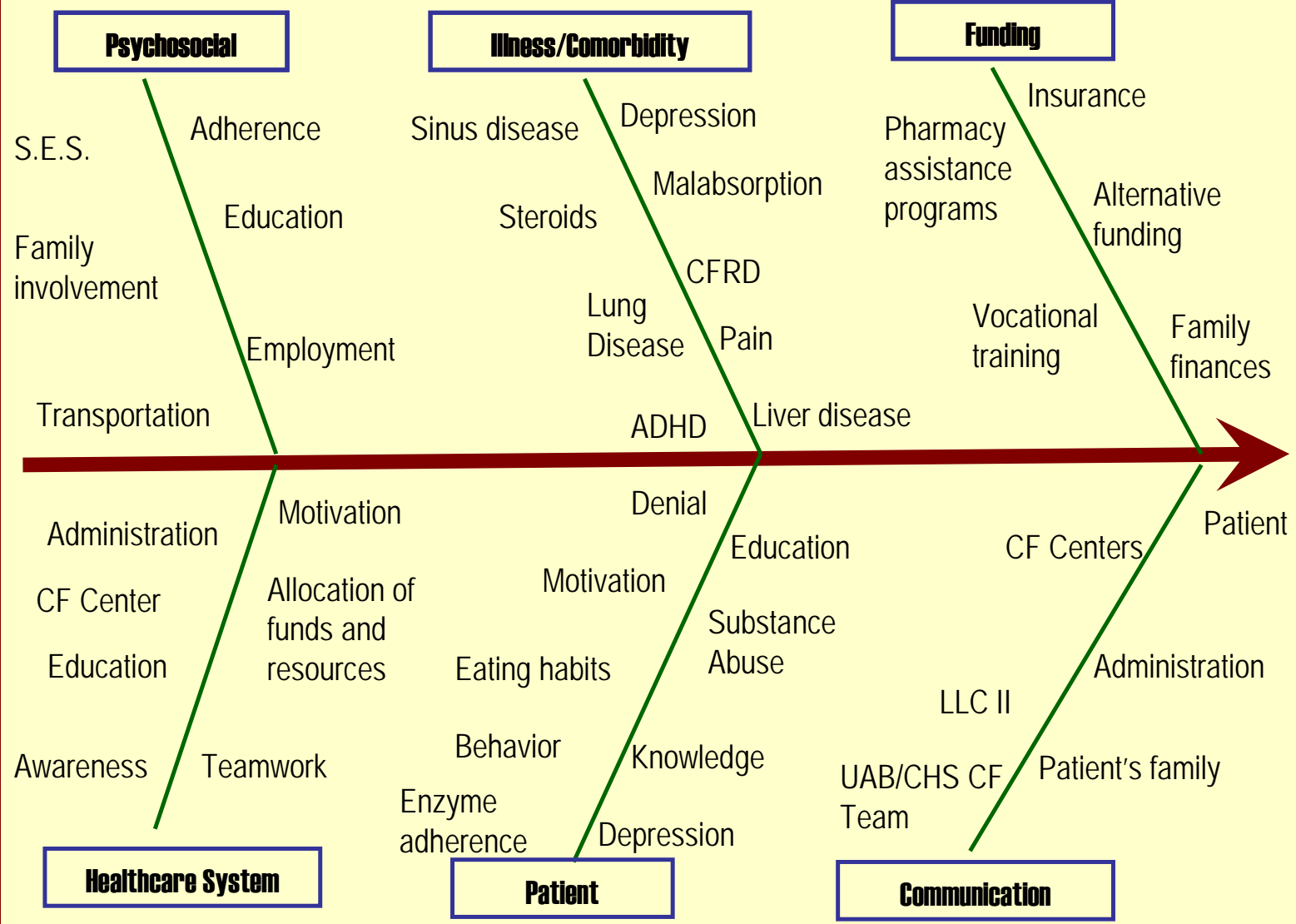
By: _____
(date)

Example: We will decrease the amount that my dog weighs from 55 pounds to 50 pounds by August 31, 2007.

Asthma Admission Flow for Asthma Clinical Pathway (ACP)

Patient evaluated for asthma in ED and Needs Admission

→ **Eligible for ACP?**

1. Pt. has complicating comorbid respiratory condition or
2. Patient <2yo or
3. Patient has any poor score or
4. Patient requires SCU or PICU

No → **Routine Asthma Order Set Used**

1. Primary Dx is Asthma &
2. Pt. ≥ 2yo &
3. All Respiratory Scores Fair or Good

Yes → **Bed on 5NW or 5T**

No → **Routine Asthma Order Set Used**

Yes → **Complete ACP Order Set and Pathway Starts on Arrival to Floor ***

Influences on Nutritional Success

Psychosocial

S.E.S.

Adherence

Family involvement

Education

Employment

Transportation

Motivation

Administration

CF Center

Allocation of funds and resources

Education

Awareness   Teamwork

Healthcare System

Illness/Comorbidity

Sinus disease   Depression

Malabsorption

Steroids

CFRD

Lung Disease   Pain

ADHD   Liver disease

Denial

Education

Motivation

Substance Abuse

Eating habits

Behavior   Knowledge

Enzyme adherence   Depression

Patient

Funding

Insurance

Pharmacy assistance programs

Alternative funding

Vocational training   Family finances

Patient

CF Centers

Administration

LLC II

UAB/CHS CF Team   Patient's family

Communication

Global Aim Statement (Include registry data)	Specific Aim Statements	Measures (Operational Definitions)	PDSA Cycles
Registry Data:			

Test Ideas & Changes in Cycles for Learning & Improvement

●What refinements or modifications need to be made
●What's the next cycle?

●Objective
●Questions& predictions (What will happen & why)
●Plan to carry out the cycle (Who, what, where, when)

Act   **Plan**

Study   **Do**
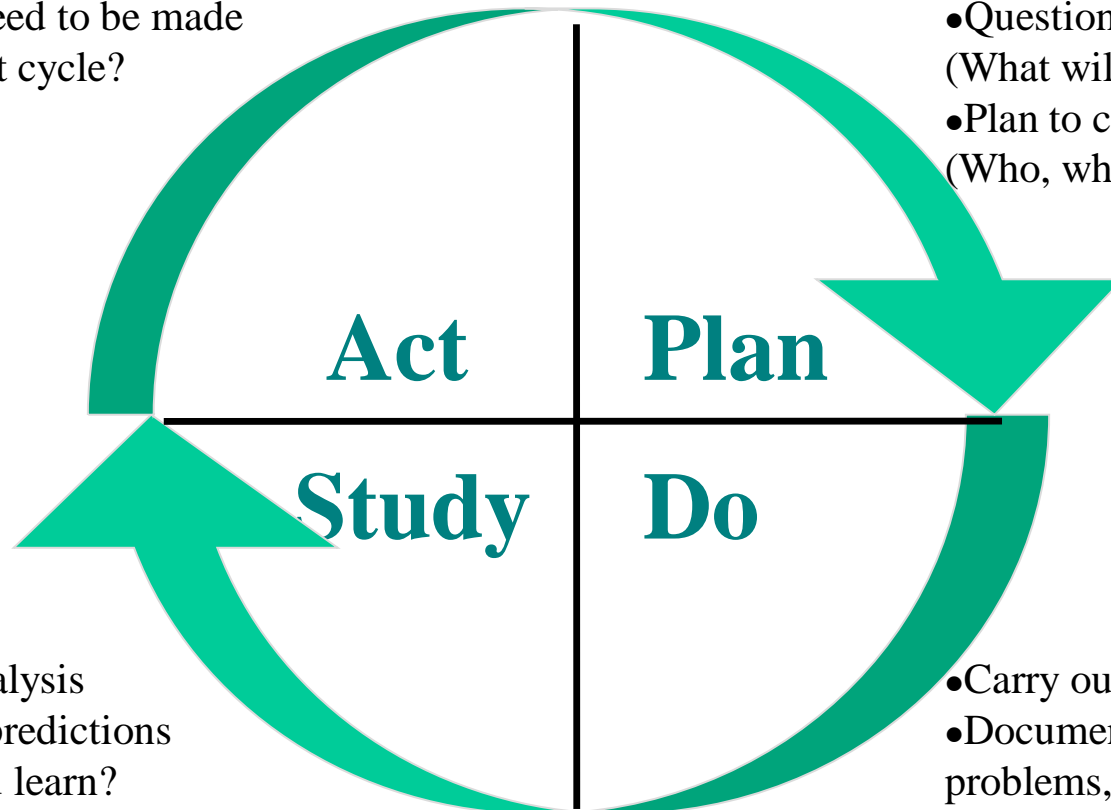
●Complete analysis
●Compare to predictions
●What did you learn?
●What conclusions can you draw from this test?

●Carry out the plan
●Document experience, problems, surprises
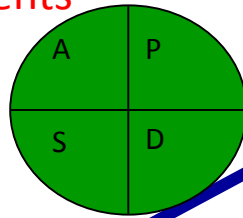●Collect data as planned; begin analysis

PDSA Example

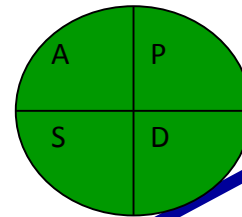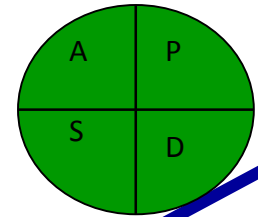| PLAN	DO	STUDY	ACT
1. Team will huddle and identify all patients of Dr. Jones; 3 will be selected for asthma form 2. Olivia will complete order form (stored in wall storage beside charts) on those 3 charts or enter orders in EMR on all flagged patients patients 3. Angela will review questions with patients 4. Dr. Jones will complete chart 5. Marie will collect data for Excel file	1. Forms could not be found in EMR or if paper were not stored in logical place 2. Day was busy; flag was ignored on last patient and asthma form wasn't on chart	1. What went well? Team huddle identified all patients; asthma form was easy to use 2. What didn't go well? Asthma form difficult to find; flag was ignored 3. Surprises? Busy day; didn't expect to forget patients	1. Continue huddle 2. Will place forms in logical place. Olivia will do this immediately 3. Will place a reminder poster in work room to watch flags 4. Try again tomorrow

Use asthma form for 3 patients on all other providers

Use asthma form for all of Dr. Jones patients
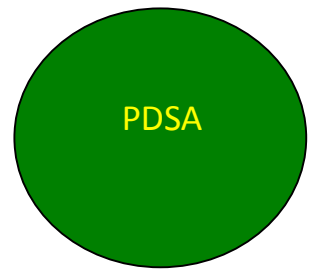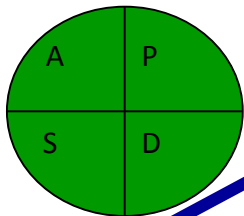
Use asthma form for 3 of Dr. Jones patients

Develop asthma form

A | P
S | D

Improvement Ramp

PDSA