



Comprehensive CVD Measure Analysis



GPRA Coordinators' Conference
November 2011

Comp CVD Measure

- ▶ Only comprehensive GPRA measure
- ▶ Denominator: Active IHD patients ages 22 and older
- ▶ Comp CVD measure has 5 components (all must be met to meet the measure):
 - ▶ BP documented at least twice in prior two years
 - ▶ LDL completed in past five years
 - ▶ Screened for tobacco use during report period
 - ▶ BMI calculated
 - ▶ Received lifestyle adaptation counseling during the report period

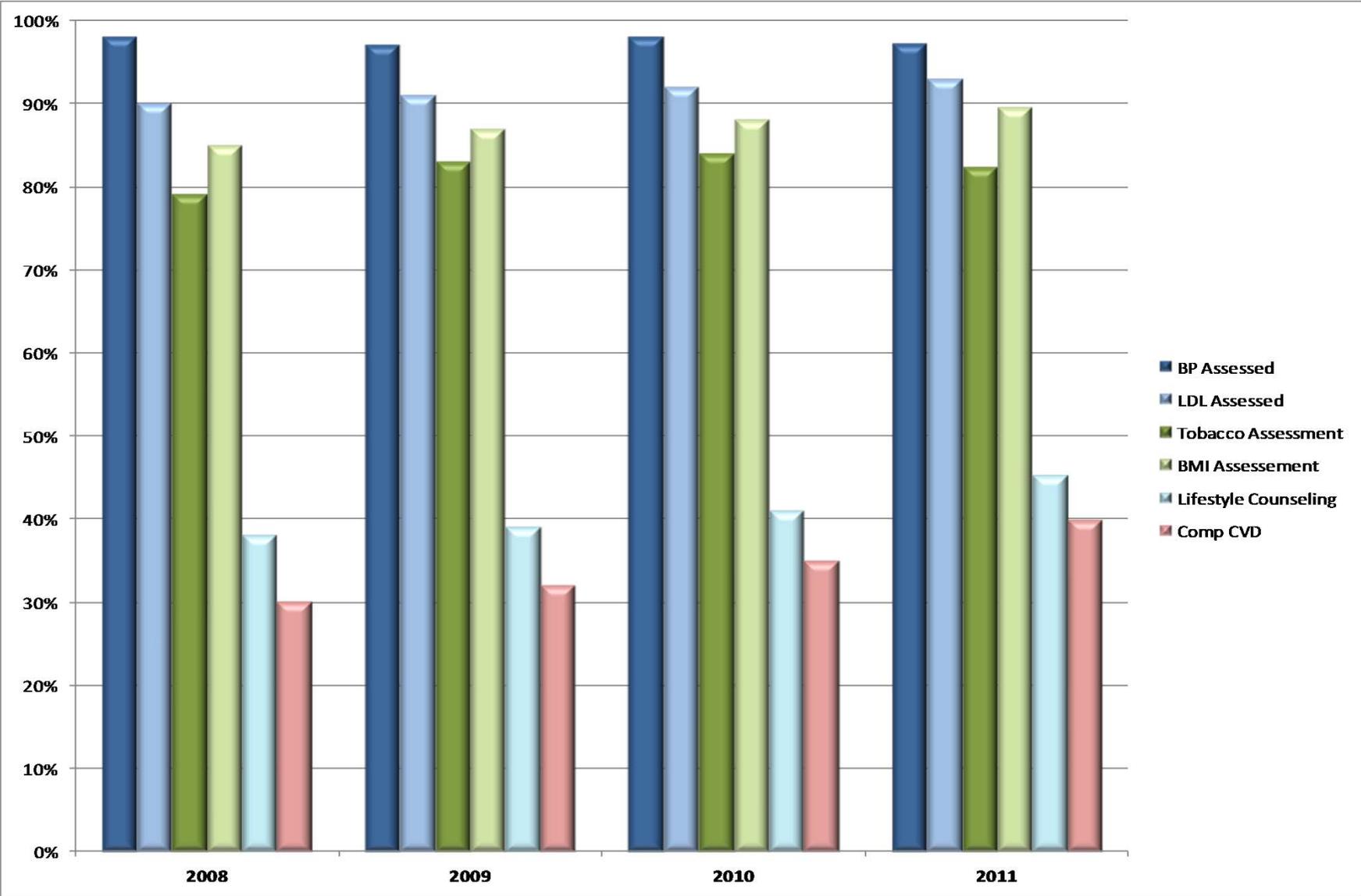


Where to find Comp CVD component data

- ▶ **Comp CVD component data located in the CRSGPRANT2 files**
 - ▶ 31 Comp CVD-BP Assessed
 - ▶ 32 Comp CVD-LDL Assessed
 - ▶ 33 Comp CVD-Tobacco
 - ▶ 34 Comp CVD-BMI
 - ▶ 35 Comp CVD-Lifestyle Counseling
- ▶ **CRSGPRANT2 file contains site level data from which Area level data can be calculated**
 - ▶ Area totals for each component can also be found in summary text file



National Comp CVD Data by Component 2008-2011



Lifestyle Counseling Logic

Patients who have received any lifestyle adaptation counseling, including medical nutrition counseling, or nutrition, exercise or other lifestyle education during the report period:

Medical Nutrition Therapy

Any of the following:

- CPT 97802-97804, G0270, G0271
- Primary or secondary provider codes 07, 29, 97, 99
- Clinic codes 67 (dietary) or 36 (WIC)

Nutrition education:

- POVV65.3 dietary surveillance and counseling
- Patient education codes ending “-N” (Nutrition) or “-MNT” or containing V65.3 (or old code “-DT” (Diet))

Exercise education:

- POVV65.4I exercise counseling
- Patient education codes ending “-EX” (Exercise) or containing V65.4I

Related exercise and nutrition education:

- Patient education codes ending “-LA” (lifestyle adaptation) or containing “OBS-” (obesity) or 278.00 or 278.01.



Tools to help programs improve Comp CVD

- ▶ National GPRA & PART Patient List (CRS→CII I→RPT→NTL→LST)
 - ▶ Run a list of patients who have not met Comp CVD measure:

Comprehensive CVD-Related Assessment									
List of Active IHD patients 22+ without a comprehensive CVD assessment.									
UP=User Pop; AC=Active Clinical; AD=Active Diabetic; AAD=Active Adult Diabetic									
PREG=Pregnant Female; IMM=Active IMM Pkg Pt; IHD=Active Ischemic Heart Disease									
CHD=Active Coronary Heart Disease									
PATIENT NAME	HRN	COMMUNITY	SEX	AGE	LAST MEDICAL VISI	LAST VISIT	DENOMINATO	NUMERATOR	
Demo, Patient 1	1	COMMUNITY	F	67	11/4/2011	11/15/2011	IHD,AD	BP: 115/61 NORMAL; LDL: 01/26/10; TOB: 08/02/11 NON-TOBACCO USER; BMI: 45.7; DEP: DEP SCR	
Demo, Patient 2	2	COMMUNITY	F	76	9/19/2011	11/11/2011	IHD	BP: 119/69 NORMAL; LDL: 08/02/10	
Demo, Patient 3	3	COMMUNITY	F	79	11/7/2011	11/15/2011	IHD,AD	BP: 141/72 STG 1; LDL: 09/02/11; BMI: 43.5; LIFE: 07/12/11 DM-N SN	
Demo, Patient 4	4	COMMUNITY	F	90	7/27/2011	8/2/2011	IHD	BP: 115/66 NORMAL; LDL: 08/27/09; BMI: 27.8	
Demo, Patient 5	5	COMMUNITY	M	35	11/4/2011	11/4/2011	IHD	BP: 129/77 PRE STG; LDL: 07/07/11; BMI: 33.5; LIFE: 07/14/11 LIP-N SN	
Demo, Patient 6	6	COMMUNITY	M	59	10/10/2011	11/14/2011	IHD	BP: 128/82 PRE STG; LDL: 09/28/11; TOB: 09/14/11 NON-TOBACCO USER; DEP: DEP SCR	
Demo, Patient 7	7	COMMUNITY	M	67	10/27/2011	10/27/2011	IHD,AD	BP: 144/89 STG 1; LDL: 09/15/11; BMI: 34.8; DEP: POV 296.90&296.90	
Demo, Patient 8	8	COMMUNITY	M	69	11/2/2011	11/2/2011	IHD,AD	BP: 122/66 PRE STG; LDL: 07/17/09; BMI: 26.6; DEP: DEP SCR	
Demo, Patient 9	9	COMMUNITY	M	72	7/14/2011	11/4/2011	IHD	BP: 141/87 STG 1; LDL: 05/04/11; BMI: 28.8	

- ▶ Process Mapping



Process Improvement

Flow Diagrams
Wendy Blocker, RN MSN and
IHS/California Area Office

What Is a Process?

- ▶ Your daily work is made up of dozens of separate - though integrated – processes

What is process mapping?

- A tool to “see” waste
 - Shows the “Big Picture”
 - Describes a process as it works today; an “as-is” model
 - Identifies gaps, strengths, and opportunities
 - Captures the complexity and disconnects of key operational issues
 - Identifies outside areas involved in the process
-



Improving a Process

- ▶ Develop a flow diagram for the current process
- ▶ The flow diagram (flowchart) graphically represents a series of activities
- ▶ Visual display for all to see and study

Key to Success

- Flow diagram defines a work process
- Teams have a common understanding of the process
- Without a flow diagram, difficult to know how to begin and difficult to improve any process

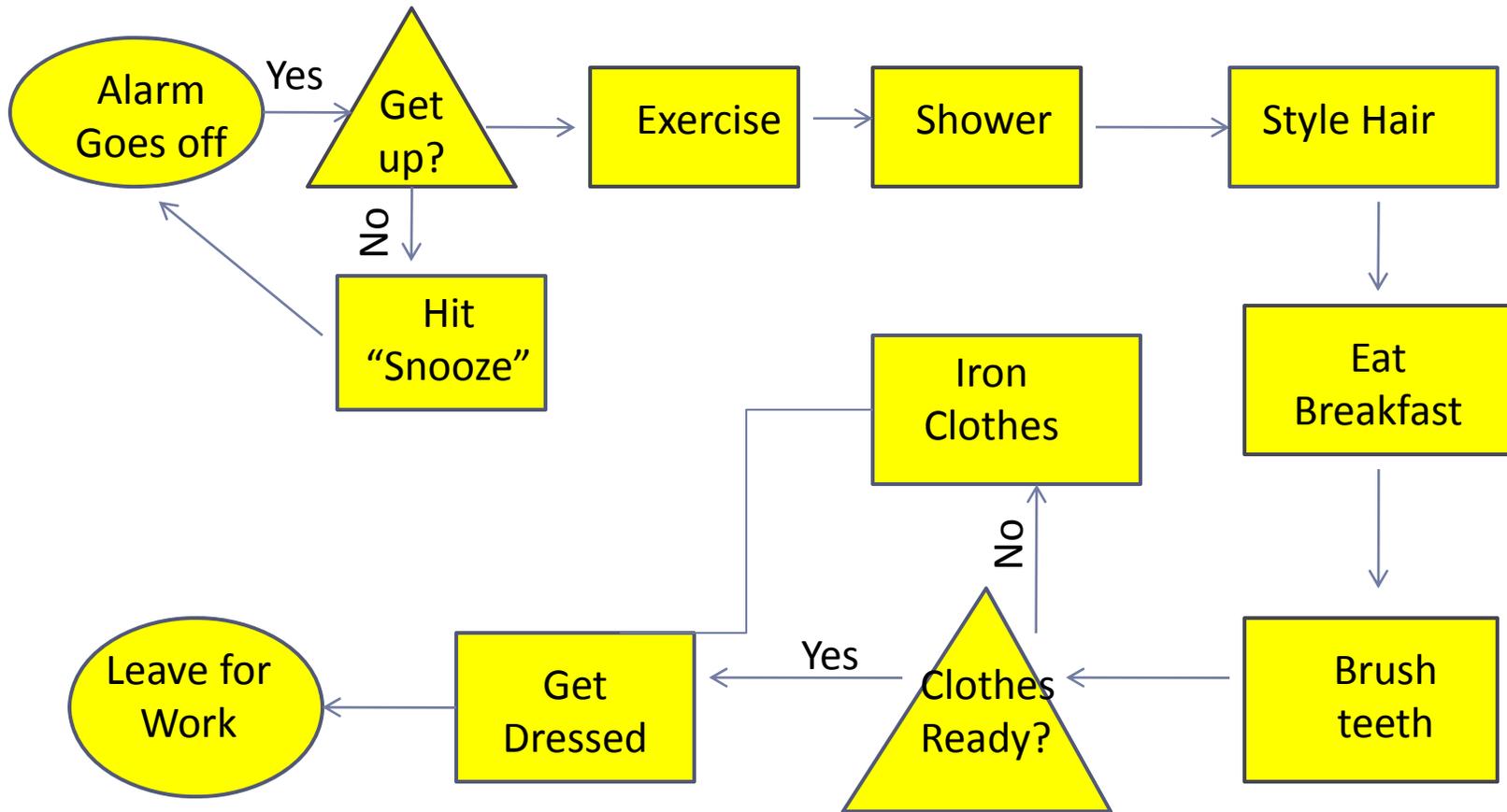
To Secure Benefits

- ▶ Use of the flow diagram is not a one-time event for a team
- ▶ The flow diagram should be displayed and used at all team meetings

Process Mapping Steps

- ▶ Choose a process that is:
 - ▶ time consuming
 - ▶ error prone
 - ▶ critical to success
- ▶ Map out the way work is currently done
- ▶ Identify gaps and problem areas
- ▶ Brainstorm solutions

Getting To Work On Time



Steps for Flow Chart Construction

- Show the steps of the process from top to bottom and/or left to right.
- Post-it notes for initial flow diagram
- Use action words or verbs for major activities in the process

Steps (cont.)

- ▶ Follow one path at a time to completion
- ▶ If the team does not have the process knowledge to complete a section of the diagram, note this point for future completion

Details for Building Pictures of Your Process

Patient walks in and introduces himself. Staff asks patient to sign log

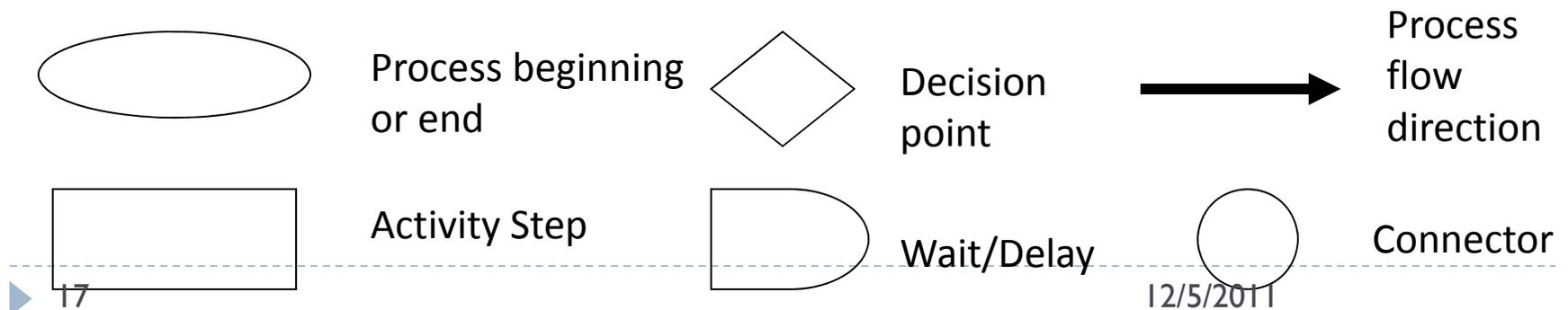
Step # 1

Time: 30 seconds

Who: Registration Clerk Jones

Post-Its

Flow Symbol Key from the Green Book



FORM A GROUP

Review Diagram

- Does it reflect the process as it actually works?
- Are all the steps defined? Any steps missing?
- Will the diagram contribute to the improvement objective?
- Are there areas obviously in need of improvement?

Review (cont.)

- ▶ Can useful data collection points be identified?
- ▶ Are there opportunities to reduce multiple inspections/appraisal activities and other redundant steps?
- ▶ List these and other related issues for action

Key Questions for Analyzing Process Steps

Purpose	What?	What is done?	Eliminate
	Why?	What is the purpose? Is the purpose accomplished? Why is it necessary? What if it were eliminated? What would make it unnecessary?	Combine Rearrange
Place	Where?	Where is it performed? What alternate locations are viable? Can the departments be reorganized?	
Sequence	When?	What other sequences would work? Can it be combined with another event? What are the implications of other sequences?	
Person	Who?	Who performs the task? Who else could perform it?	
Means	How?	What other methods are available? What other process technologies exist? Can smaller scale processes be used?	Simplify