

Prevention of Stroke in KP

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Question

- Which is more important to decrease strokes in your population?

A. A) Controlling HTN

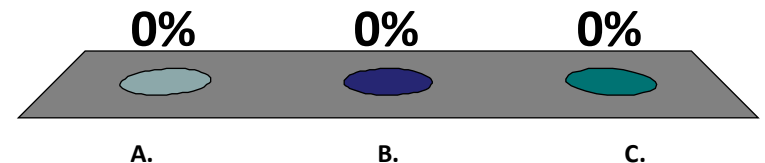
B. B) Identifying HTN



Question

Suppose that you are taking care of a population which is 50% black and 50% white. Which will prevent more strokes

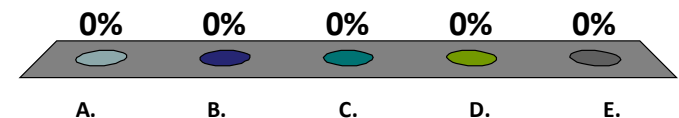
- A. A) Improving the HTN control rate in African Americans by 10%
- B. B) Improving the HTN control rate in the White population by 10%
- C. C) Improving the HTN control rate in the entire population by 5%



Question

- The Right Care Initiative seeks to reduce strokes and their morbidity. It examines HTN control rates, A1c control rates, and use of statins. What important factors are missing?

- A. A) identification of HTN (not control rates)
- B. B) smoking cessation
- C. C) weight management
- D. D) patient education
- E. E) All of the above



HTN identification and control in KP

Year	Population	#HTN patients	Control rate
2005	1,953,076	196,667	53.6%
2012	2,341,465	394,327	85.2%

- Does anyone care about the identification of HTN as much as the control rate?
- 18% of newly identified HTN cases occurred in specialty care
- 14% of pts with a BP $> 180/110$ were identified in specialty care

– J Clin Hypertension 2015:1-9

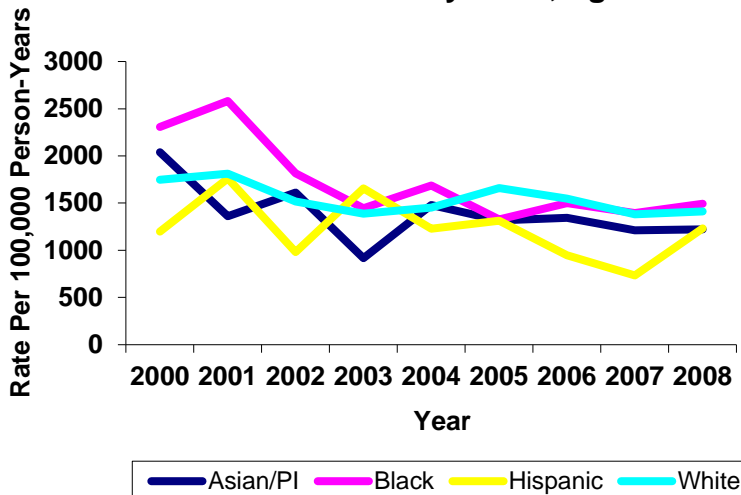
Hypertension-Related Morbidity and Mortality in Black Individuals Compared to Whites

Rates for African Americans
vs nonblack rates

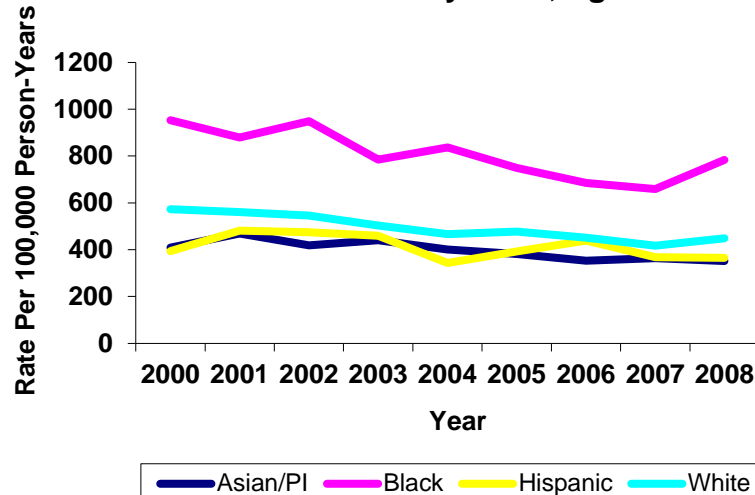
Overall mortality	<u>6-13 times greater</u>
Nonfatal stroke	1.3 times greater
Fatal stroke	3-6 times greater
Heart disease death	1.5 times greater
End-stage renal disease	5 times greater

JNC V. Arch intern Med 1993;153:154-183
Cook. Am Heart J. 1988;116:288-295

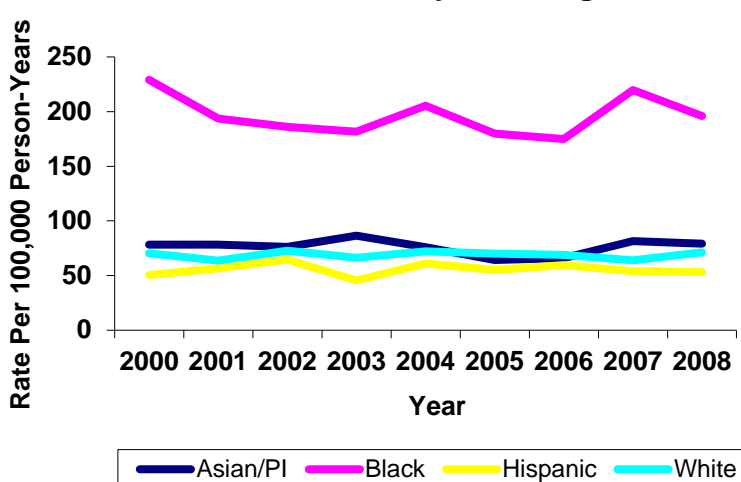
Ischemic Stroke By Race, Ages 85+



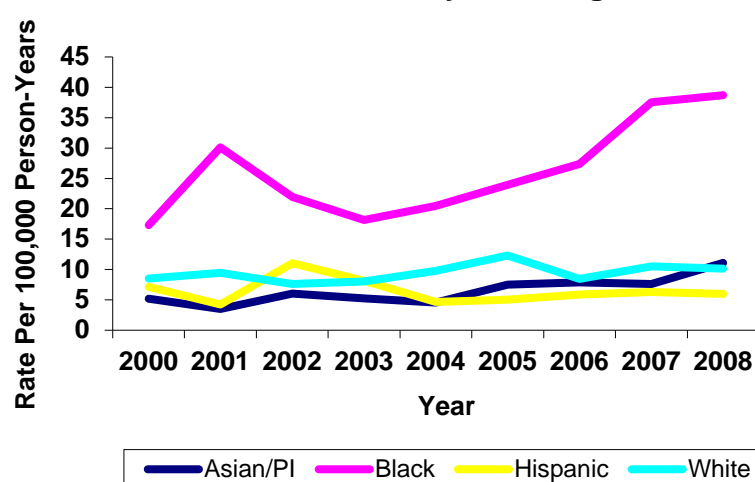
Ischemic Stroke By Race, Ages 65-84



Ischemic Stroke By Race, Ages 45-64

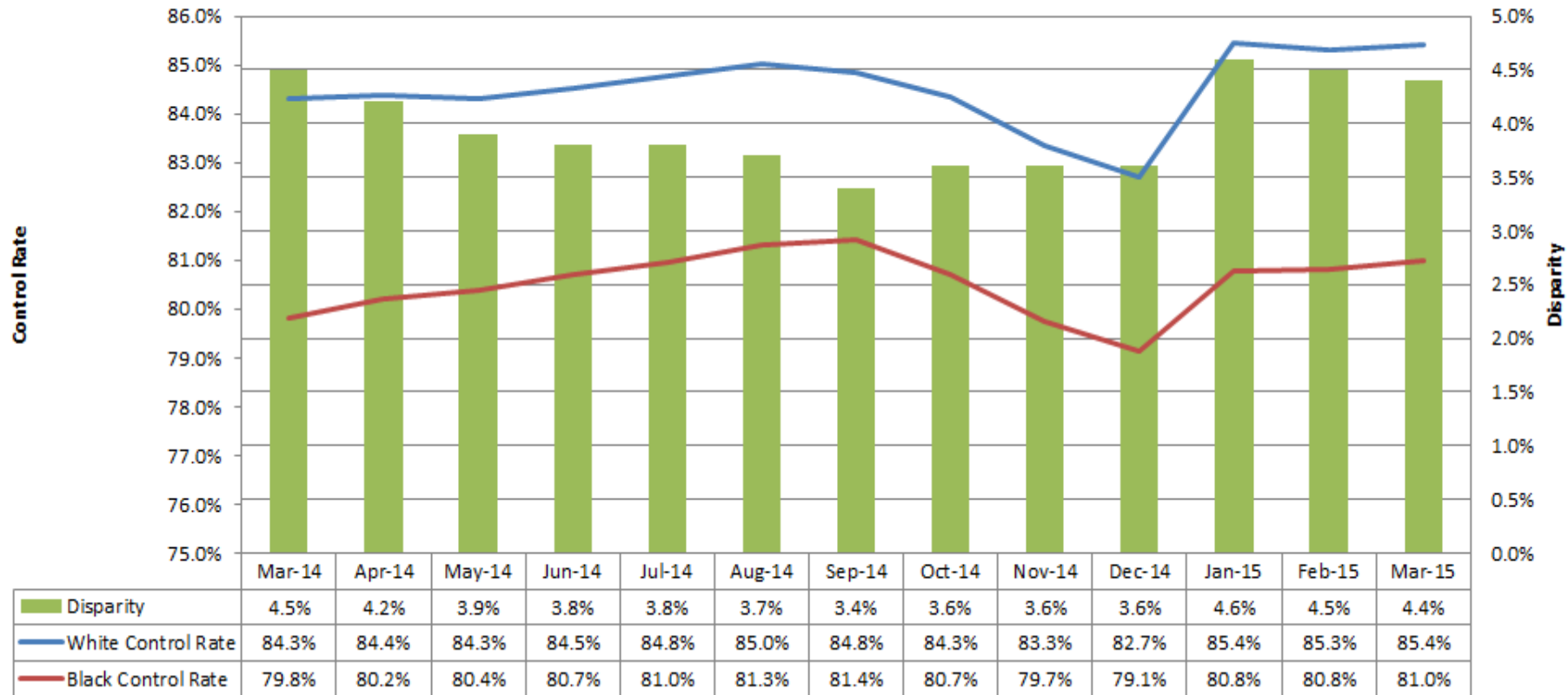


Ischemic Stroke By Race, Ages 25-44



Monthly HTN POINT Disparity Report

BP Control Disparity Over Time



Closing AA Disparity Gap

AA HTN Uncontrolled

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graph TD; A[AA HTN Uncontrolled] --> B[Lisinopril/HCTZ underdosed (< 20/25mg bid) 3113 patients]; A --> C[Thiazide Naïve 3308 patients]; A --> D[No Spironolactone 5803 patients (uncontrolled on 3 drugs)];
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**Lisinopril/HCTZ
underdosed (<
20/25mg bid)
3113 patients**

**Thiazide Naïve
3308 patients**

**No Spironolactone
5803 patients
(uncontrolled on 3
drugs)**

AA Barbershop Outreach

- Collaboration with Ron Victor at Cedars Sinai Hospital in LA
- Recruitment started Late February 2015
- Barber BPs/clinical pharm D/KP interaction working smoothly
- Important rescues are occurring

The NEW ENGLAND JOURNAL of MEDICINE

“**Disparities in control of blood**

SPECIAL ARTICLE

pressure, cholesterol, and
Racial and Ethnic Disparities among
Enrollees in Medicare Advantage Plans
glucose. for blacks in

Medicare. were eliminated

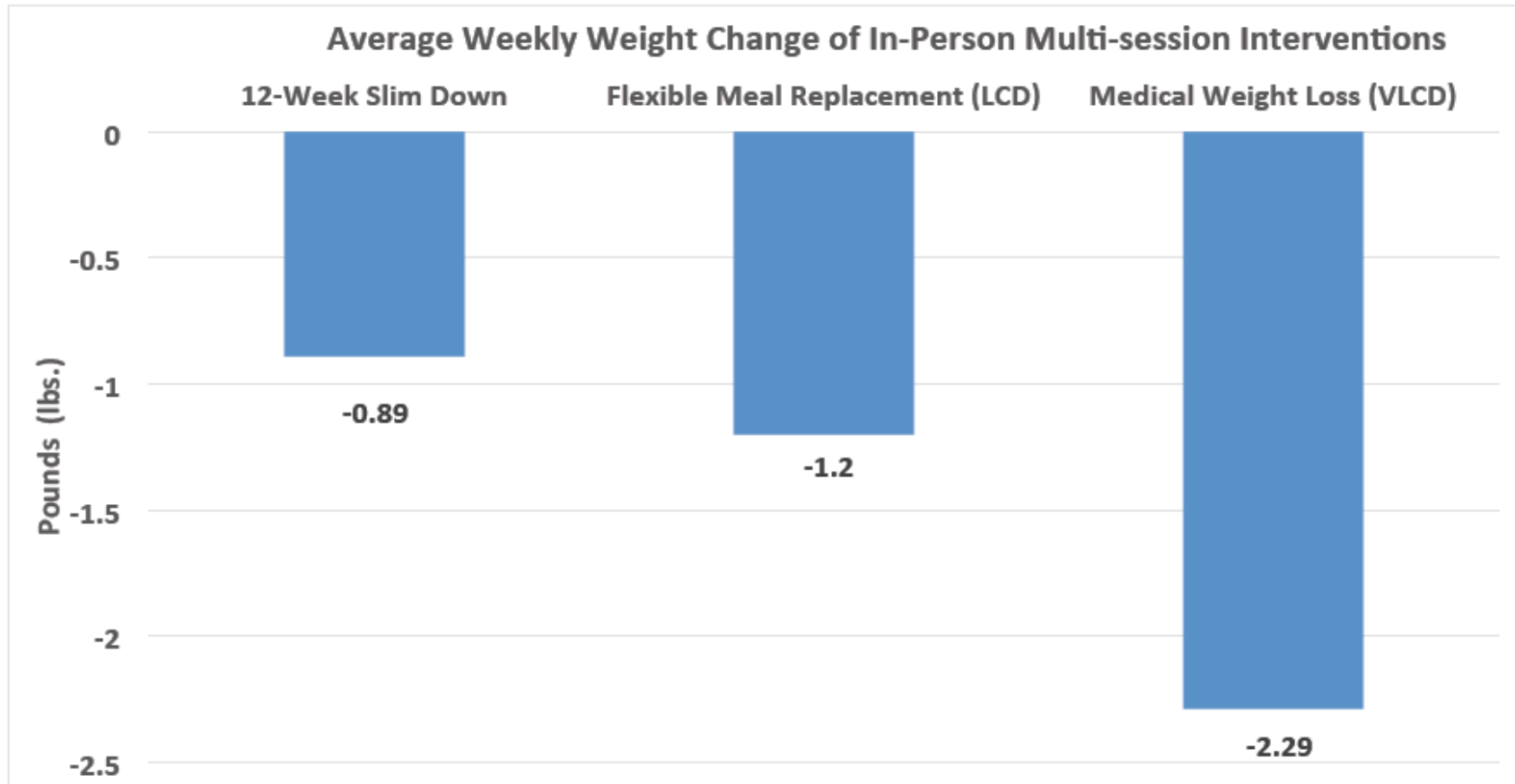
[by Kaiser Permanente] in 2011.”

New England Journal of Medicine; 371:24, NEJM.ORG

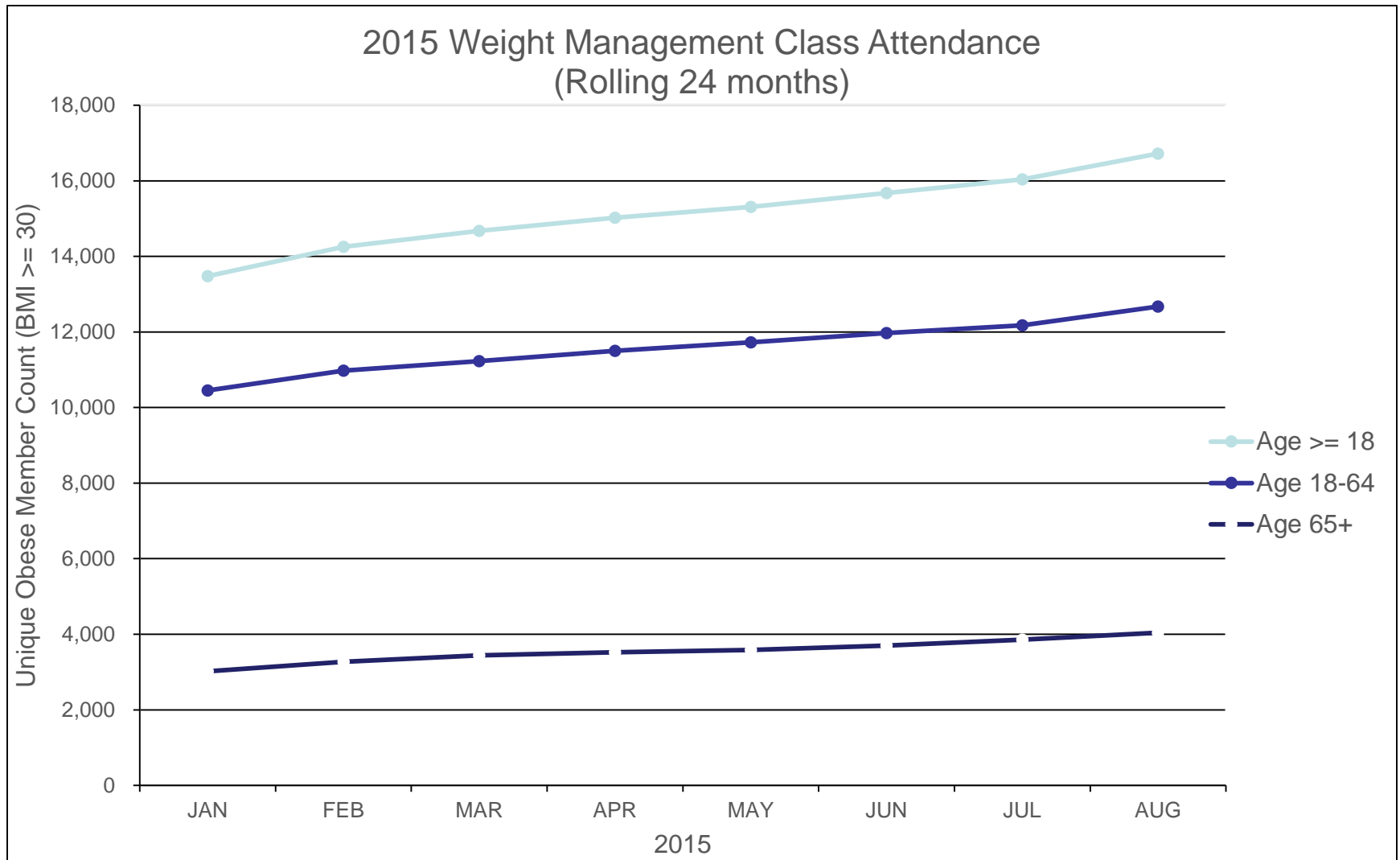
“Racial and Ethnic Disparities among Enrolees in Medicare Advantage Plans

John Z. Ayanian MD, etal December 11,2014

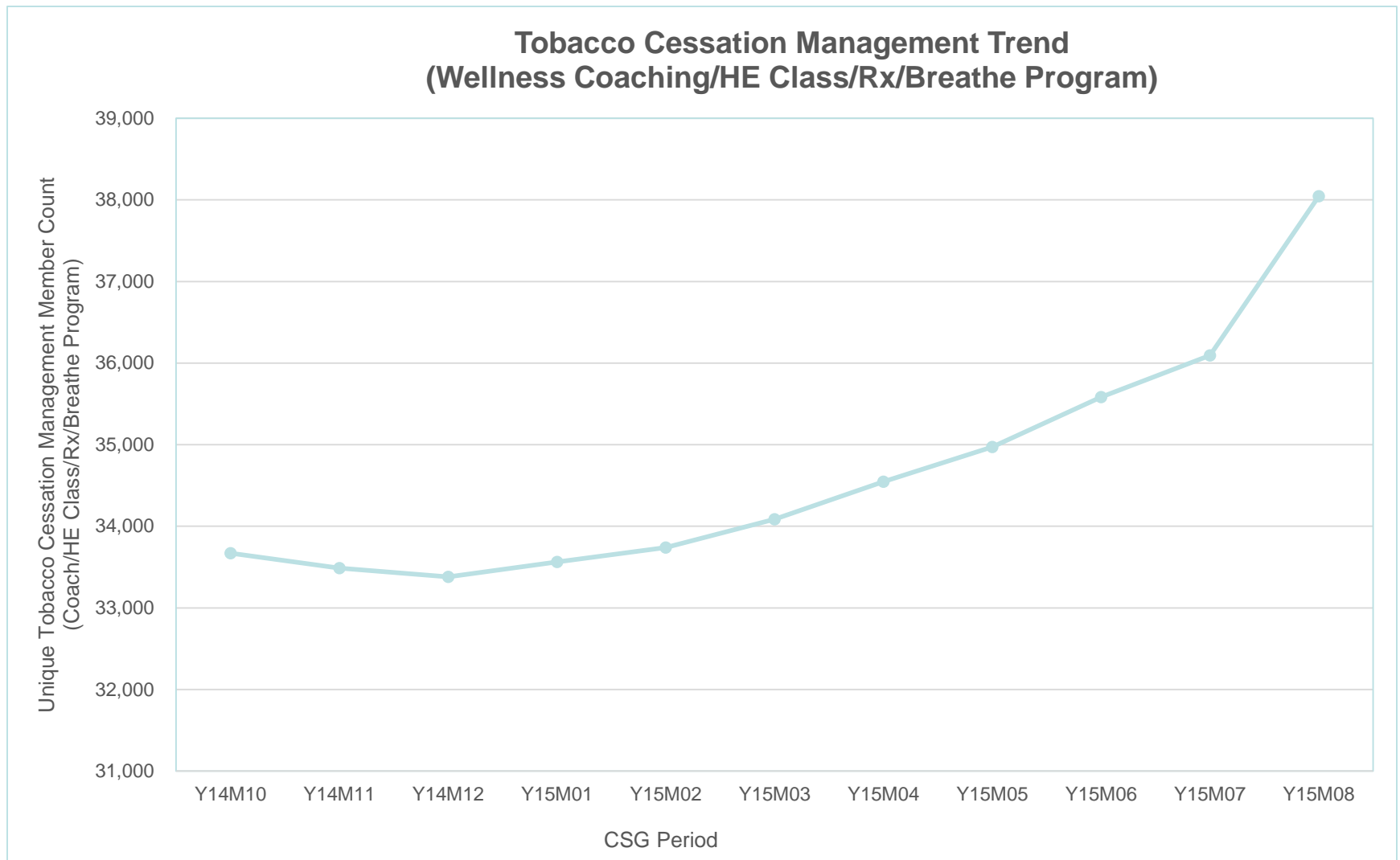
Weight Management Programs in KP-SCAL



2015 Weight Management attendance



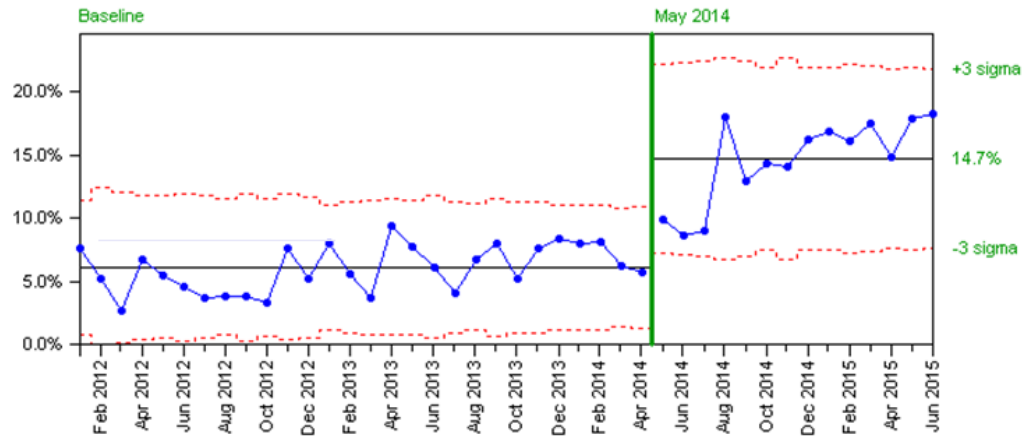
Tobacco cessation efforts



IV tPA Utilization KP-SCAL

tPA SoCal Administrations / KFH Ischemic Discharge

tPA Administration Rate (ISC) (SoCal - not LAMC, MV, and RIV)
Facility = ALL



P Chart
Summary

+

+3 sigma

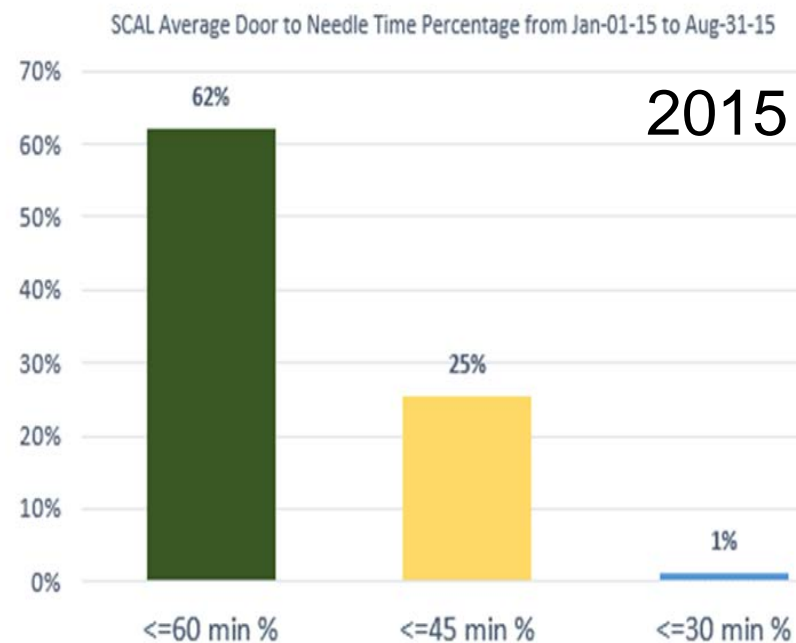
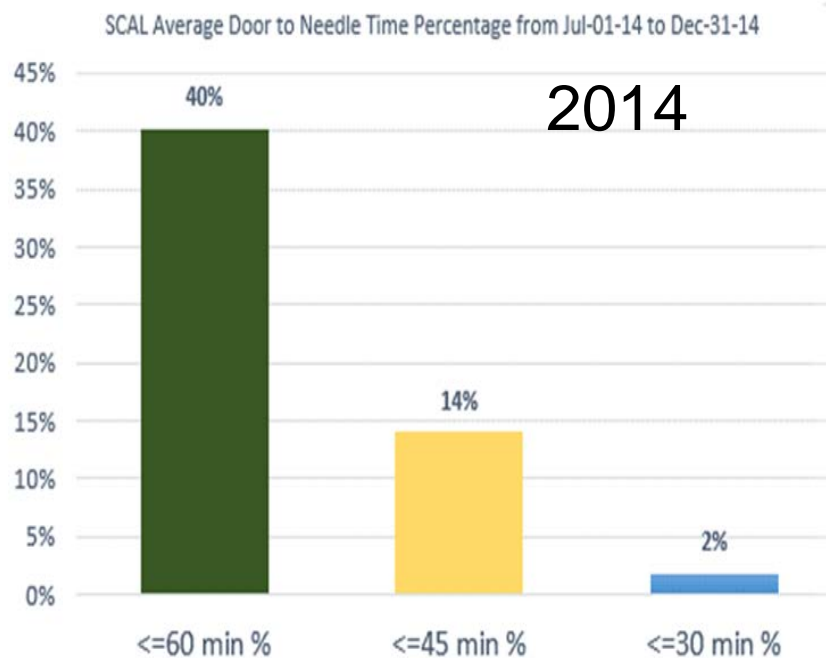
14.7%

-3 sigma

-

Sep 11, 2015 12:22:41


Improvement of Door to Needle Times from 2014 to 2015



Adult Learning-does it apply to stroke education

How adults learn:

- Interactive, not didactic
- Information and skills
- Real world problem-solving
- Setting own goals and action plans
- Modeling
- Peer support and feedback

A close-up photograph of two hands, palms up, holding a small, rectangular piece of white paper with deckled edges. The paper is held horizontally across the center of the hands. On the paper, the words "Thank You" are written in a black, elegant cursive script. The background is dark and out of focus, making the hands and the paper stand out. The lighting is soft, highlighting the texture of the skin and the paper.

Thank You