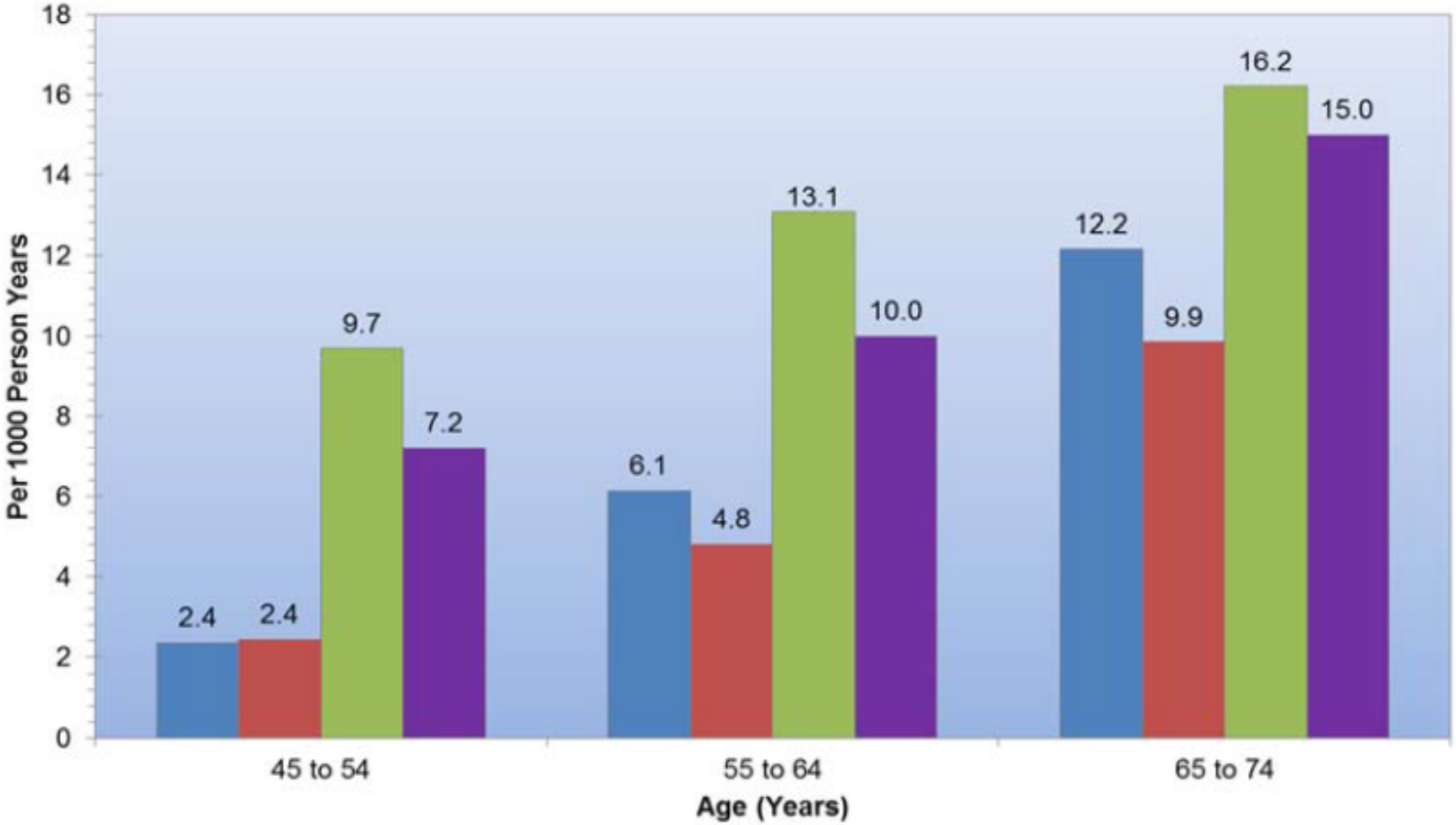
Barriers to Diagnosis and Care of Stroke in African American Community

Patricia Lane, MBA, SCRN
Neuroscience Administrative Director Bon Secours Richmond
National Black Nurses Association

Cryptogenic Stroke Public Health Conference

Age-Adjusted Incidence of Stroke/Transient Ischemic Attack by Race and Sex, Ages 45–74, ARIC Cohort, 1987–2001



Statistics –What Numbers Are Important?

- African Americans have almost twice the risk of first-ever strokes compared to whites
- African Americans have higher death rates for stroke compared to whites.
- The prevalence of high blood pressure in African Americans in the United States is the highest in the world.
- Among non-Hispanic African Americans age 20 and older, 62.9% of men and 77.2 % of women are overweight or obese

Cryptogenic Stroke and African Americans

- Greater Cincinnati/Northern Kentucky Stroke Study –blacks have twice the annual incidence rate of cryptogenic stroke as whites
- African Americans were less likely to have a potential cardiac source of embolism, i.e. Patent Foramen Ovale (PFO) or atrial septal aneurysm
- More prone to left ventricular hypertrophy – subclinical cerebral atherosclerosis

SPRINT –Are You In The Know?

Living with high blood pressure?

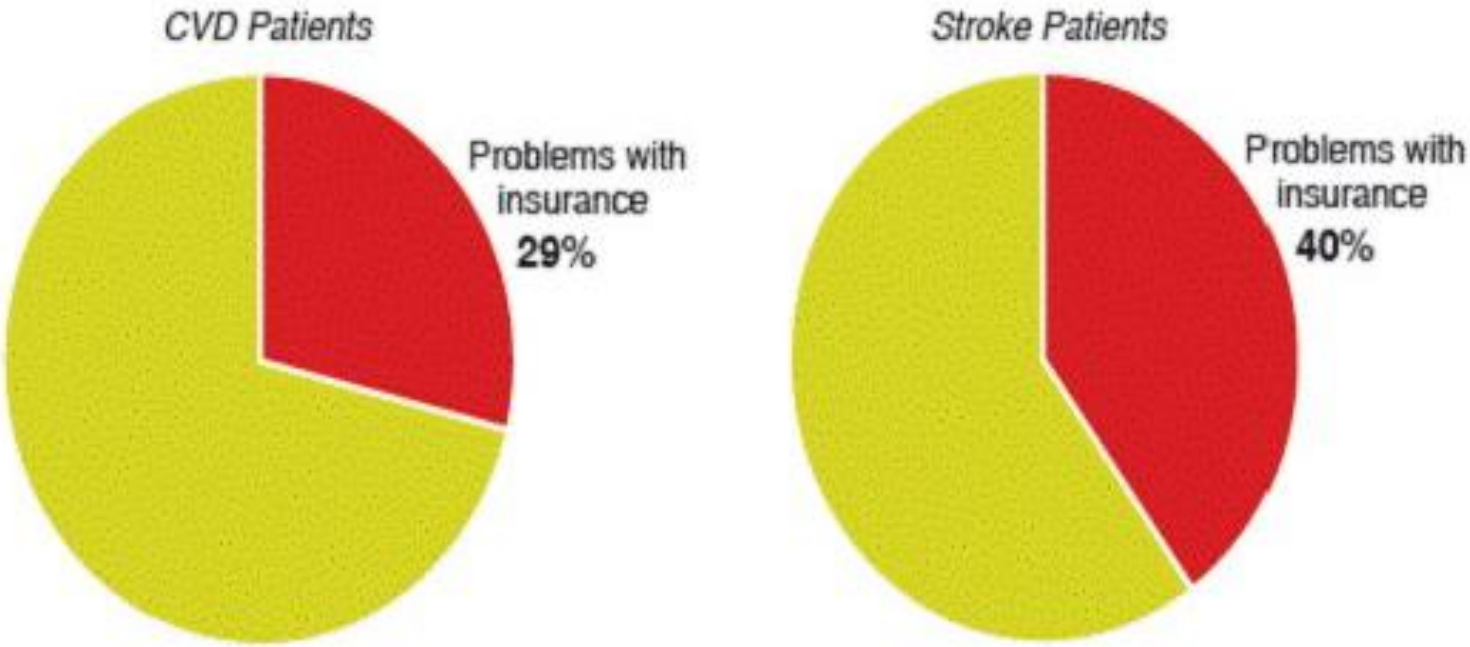
80% of Strokes Are Preventable!

Are Disparities The Total Barrier?

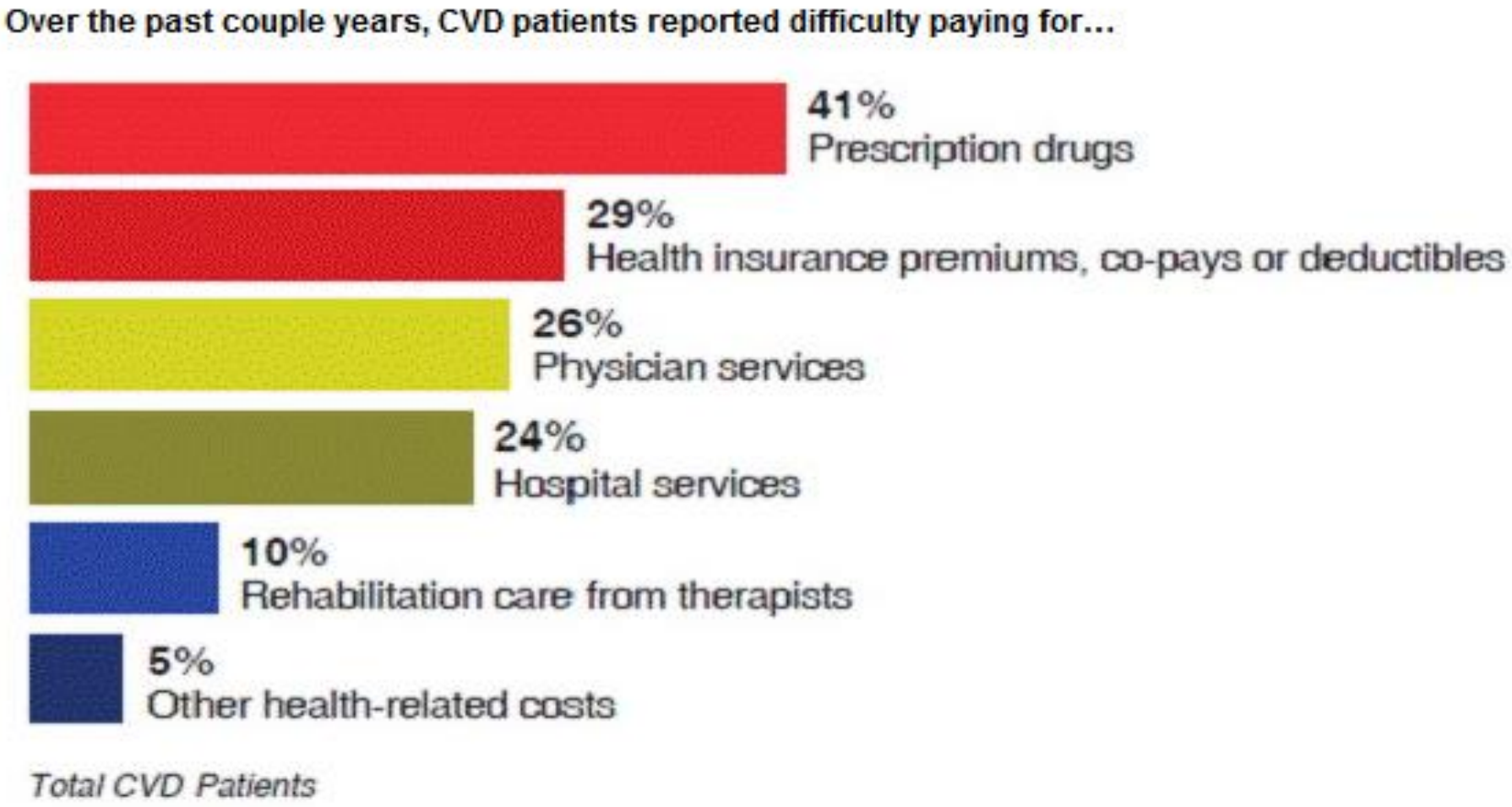
- Access to health care

Health Care Reform

In the past 24 months, 29% of CVD patients and 40% of stroke patients reported problems with their health insurance.

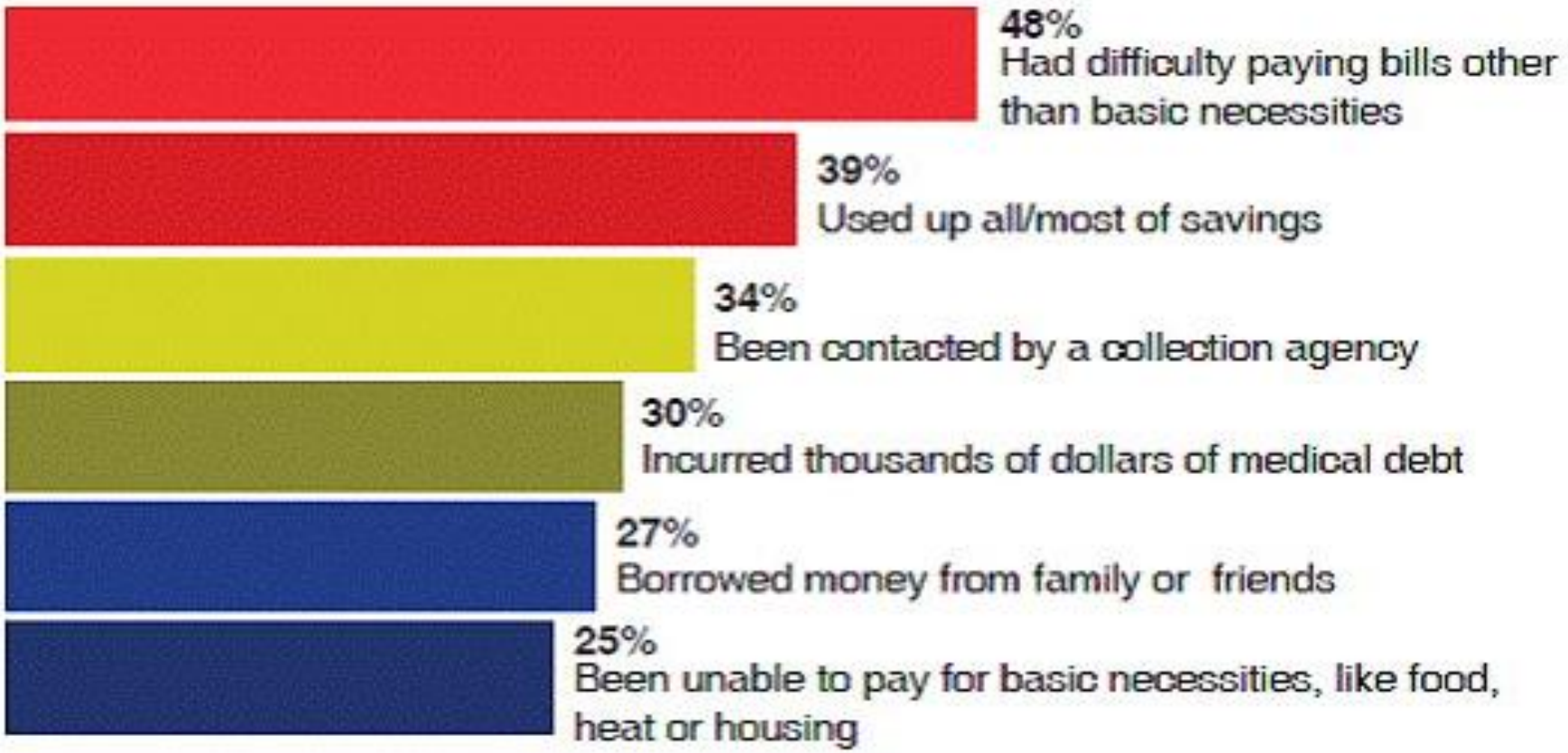


Health Care Payment Challenges



FINANCIAL PROBLEMS

What financial problems have CVD patients faced as a result of health care costs?



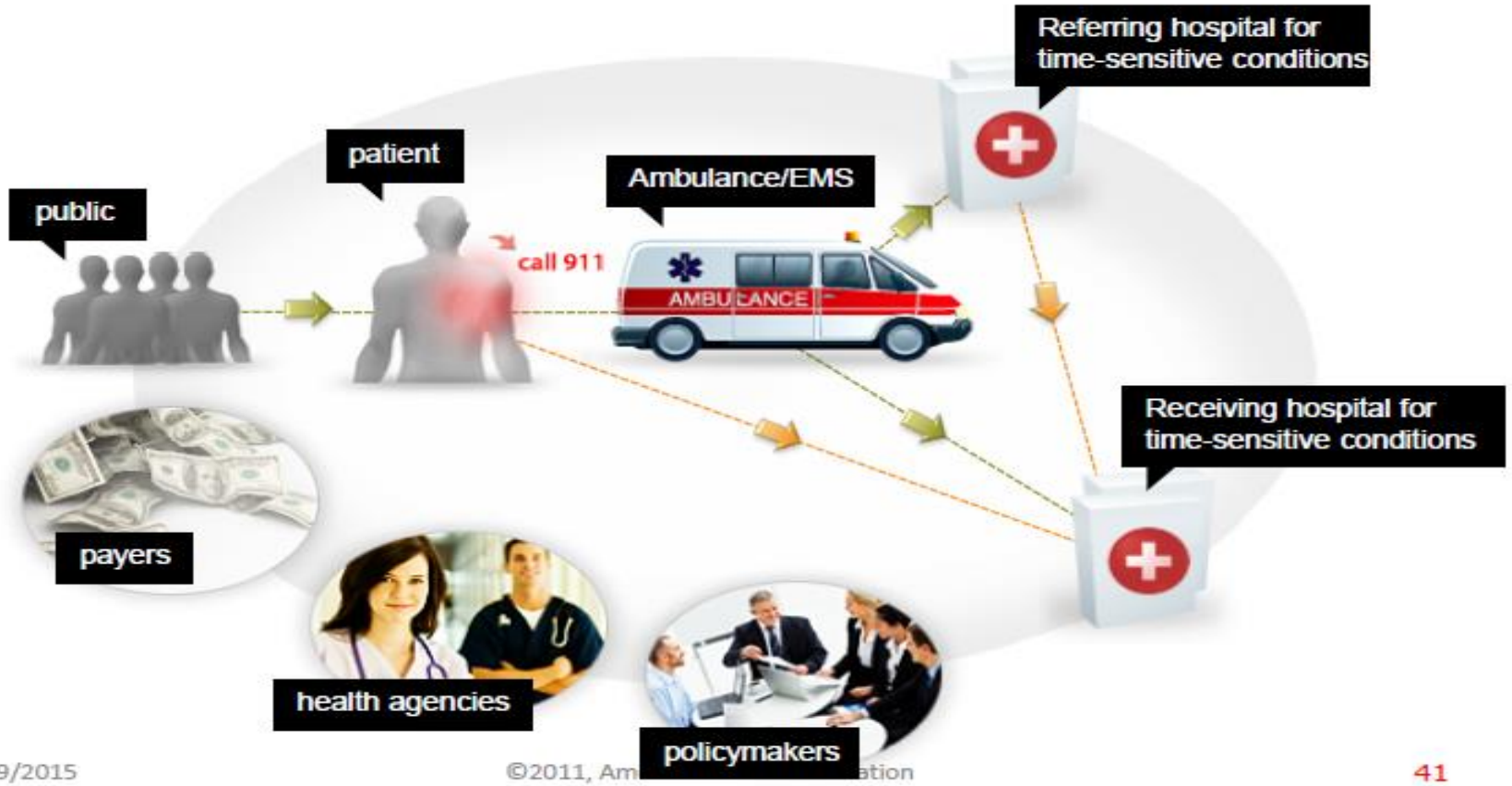
Health Behaviors

Denial Anger Fear Confusion

Exposure to Environmental Health Hazard

ury
se and Neglect
– Injured By Drunk Driver
CAUTION
CAUTION

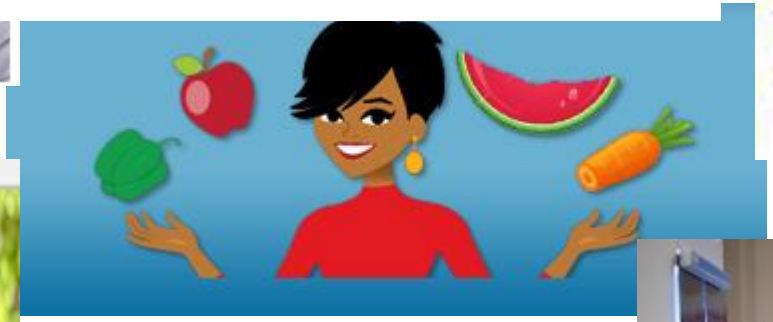
The Ideal System of Care for Time-Sensitive Conditions



©2011, Am ation

American Heart Association | American Stroke Association

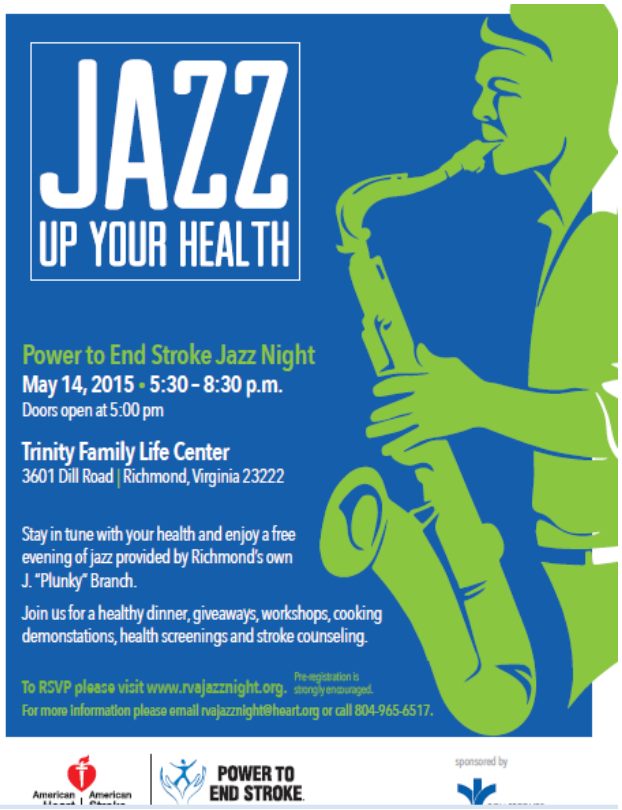
life is why



National Black Nurses Association, Inc.

NBNA

Jazz Up Your Health



American Heart Association | American Stroke Association
life is why™

Together to End Stroke™