What is *credo*?

Coalition of leading cardiovascular organizations to reduce racial and ethnic disparities in CV outcomes
<table>
<thead>
<tr>
<th>Advisory Group Members</th>
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<tbody>
<tr>
<td>Clyde W. Yancy, MD, FACC, FAHA, FACP – Co-Chair</td>
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<tr>
<td>Baylor Heart and Vascular Institute</td>
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<tr>
<td>Baylor University Medical Center</td>
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<td>Hector O. Ventura, MD, FACC – Co-Chair</td>
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<tr>
<td>National Hispanic Cardiologists Leadership Network</td>
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<tr>
<td>Tulane University School of Medicine</td>
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<tr>
<td>Paul N. Casale, MD, FACC</td>
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<tr>
<td>President, Pennsylvania Chapter, ACC</td>
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<tr>
<td>Lancaster General Hospital</td>
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<tr>
<td>Elizabeth DeLima</td>
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<tr>
<td>Vice President, Cultural Health Initiatives</td>
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<tr>
<td>American Heart Association</td>
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<tr>
<td>Tracy Y. Wang, MD, MHS, FACC - Co-Chair</td>
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<tr>
<td>Duke Clinical Research Institute</td>
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<tr>
<td>Marshall Chin, MD, MPH</td>
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<tr>
<td>Finding Answers: Disparities Research for Change</td>
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<tr>
<td>University of Chicago</td>
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<tr>
<td>Keith C. Ferdinand, MD, FACC</td>
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<tr>
<td>Morehouse School of Medicine</td>
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<tr>
<td>Emory University</td>
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<tr>
<td>Association of Black Cardiologists, Inc.</td>
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</tbody>
</table>
Advisory Group Members, continued

Gordon L. Fung, MD, MPH, PhD, FACC 
UCSF 
Governor, Northern CA, ACC 
President, California Chapter, ACC

Robert C. Like, MD, MS 
Center for Healthy Families and Cultural Diversity 
UMDNJ-Robert Wood Johnson Medical School

Ileana L. Piña, MD, FACC, FAHA 
Case Western Reserve University 
Louis Stokes VA Medical Center

Sarah H. Scholle, DrPH, MPH 
National Committee for Quality Assurance

Kris Vijay, MD, MS, FACC, FACP 
Chapter President/ACC Governor-Arizona 
Scottsdale Clinical Research Institute

Marcia Jackson, PhD 
CME by Design

Douglas L. Mann, MD, FACC, FACP 
Heart Failure Society of America 
Baylor College, Winters Center

John S. Rumsfeld, MD, PhD, FACC, FAHA 
Denver VAMC /NCDR

Joanna D. Sikkema, MSN, ARNP 
University of Miami 
Whole Health Management 
President Elect 
Preventive Cardiology Nurses Association

Karol E. Watson, MD, PhD, FACC 
Geffen School of Medicine
Ultimate Goal

To show that evidence-based education can reduce CVD disparities
The ACC is the primary professional organization for cardiologists world-wide:

- Over 39,000 members, more than 90% of US Cardiologists
- Over 7,000 manuscripts submitted / yr.
- Over 20,000 live-event attendees every year
- Over 40,000 CME recipients / yr.
- Over 11 million patient records in NCDR
- Over 100,000,000 patients visits per year
What We Do

• **Quality Care:** Leading the way in defining quality care for the cardiovascular community and patients

• **Education:** Providing the very best cardiovascular knowledge for every clinician

• **Advocacy:** Shaping the future of health care nationwide to increase patient value and access to quality care
“Science tells us what we can do;
Guidelines what we should do;
Registries what we are actually doing.”
NCDR

Number of sites and patient records

- CathPCI Registry: 1132, 9.0 M
- CathPCI Registry: 1445, >250K
- CARE Registry: 166, >9K
- ACTION-GWTG Registry: 445, >120K
- IC3-Office 600, >100K “Pinnacle”
- IMPACT Registry
- ICD Long
- Imaging Registry
- EP Registry
- PAD Registry
- HF Registry

Years: 1998..... 2004 2005 2006 2007 2008 beyond
## Participants and Patient Records

<table>
<thead>
<tr>
<th>Name</th>
<th># of Participants</th>
<th># of Patient Records</th>
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</thead>
<tbody>
<tr>
<td>CathPCI</td>
<td>1100</td>
<td>10 million</td>
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<tr>
<td>ICD</td>
<td>1500</td>
<td>400,000</td>
</tr>
<tr>
<td>ACTION-GWTG</td>
<td>425</td>
<td>150,000</td>
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<tr>
<td>CARE</td>
<td>160</td>
<td>15,000</td>
</tr>
<tr>
<td>IMPACT</td>
<td>Under Development</td>
<td>--</td>
</tr>
<tr>
<td>Pinnacle</td>
<td>650</td>
<td>600,000</td>
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Uses of Registry Data

- **Quality Improvement**
  - Effectiveness of P4P
  - Guideline adherence
  - Performance measure development, implementation, validation
  - Reduction of disparities

- **Post Market Surveillance**
  - Comparative Effectiveness Research
  - Adverse/sentinel events
  - Identify device performance trends
  - Inappropriate off-label use
  - Hypotheses for follow up studies
CardioSmart

Began as a patient-oriented website

Broadening into:

- a multi-faceted program supporting guideline-based CV care and prevention
- an extension of the patient/provider interaction
- a resource to corporate wellness programs and a vehicle for health-oriented messaging
Credo
Coalition to Reduce Racial & Ethnic Disparities in CV Outcomes

Patient-Centered Care in Cardiovascular Disease
credo Objectives

- Identify evidence-based principles of provider education that lead to equitable CVD care and outcomes
- Recognize and facilitate dissemination of educational activities that meet credo principles
- Develop, implement, and publish a PI-CME educational activity that targets specific CVD clinical area using NCDR®
What Are the Keys to Reducing Disparities?

- Performance measure-based quality improvement
- Provider/patient education
- Team care
credo Pathway to CVD Outcome Equity

1. Obtaining race/ethnicity data
2. Stratified reporting of quality measures
3. Targeting/testing interventions
A Commitment to Innovation

“The best way to predict the future is to create it.”

-- Peter Drucker