

Helping  
Cardiovascular  
Professionals  
Learn.  
Advance.  
Heal.



# Using Device Registries to Measure Quality

*Integrated Healthcare Association*

*May 22, 2008*

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**CEO**

# NCDR QI

- National QI Programs
  - Implement guidelines recommendations
  - Improve physician adherence
  - Improve patient compliance
- Our Goal? It's simple...
  - Reduce complications, waste, and cost
  - Continuous quality improvement with transparency
  - Advance science and clinical proficiencies

# Every Day, NCDR Registries ...

- ... provide a detailed view of morbidity, mortality and resource use
- ... meet hospital needs for QA and QI
- ... help hospitals, physicians respond to “Pay for Performance” initiatives
- ... highlight gaps in performance
- ... demonstrate a product’s performance outside clinical trial
- ... amaze those who think it’s all about self-interest

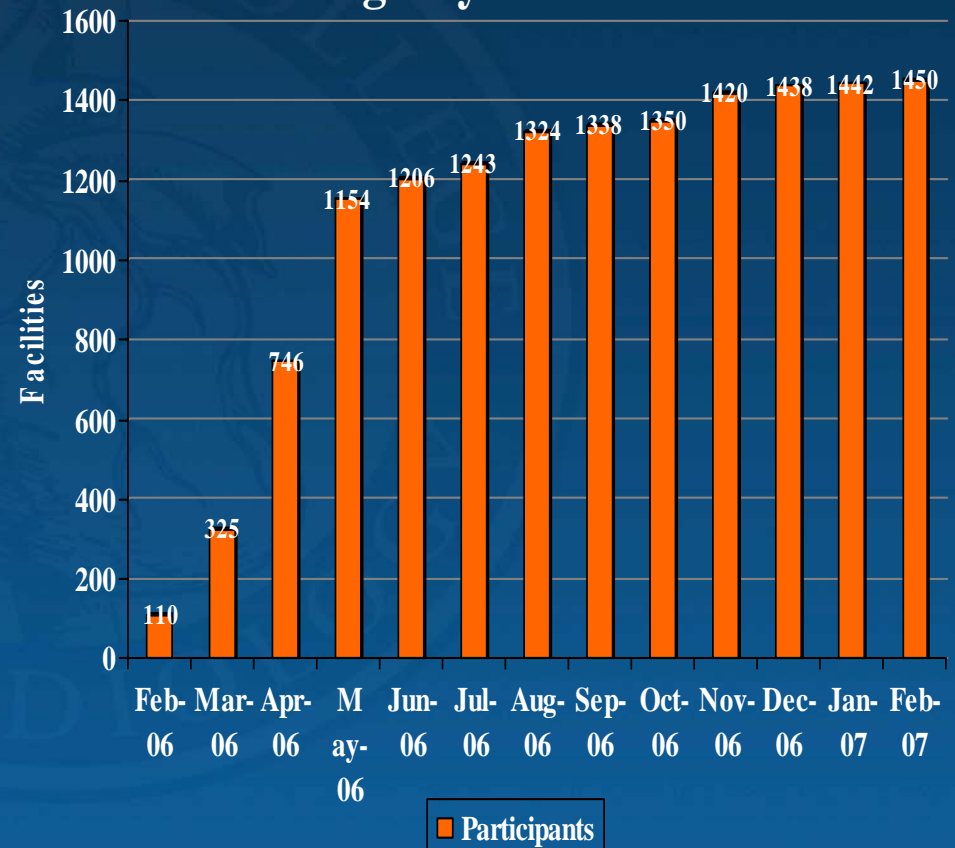


ICD Registry™

# ICD Registry™

- **Registry April 2008**
- 1,476 enrolled
- 262,242 patient records
- **Funding**
- Hospital fee \$2995.00
- **Analytic & Reporting Services**
- UHC added ICD Registry participation for sites with EP Labs
- Discussion is underway with BCBSA
- Provide data to CMS for reimbursement
- **Research**
- ICD Longitudinal Study – TBD
  - Funding Industry and Payers
  - YALE CRO/Analytics
- Performing analysis for FDA

## ICD Registry Enrollment



# Outcomes Report

Local Performance

*Quantified*

Global Experience

*Benchmarked*

NCDR™



Version 1.0

ICD Premier  
(All Patient Submissions Only)

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Outcomes Report  
2007Q3

National Outcomes Report  
999997

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National Cardiovascular Data Registry  
ICD Registry™  
800-257-4737  
[www.ncdr.com](http://www.ncdr.com) • [ncdr@acc.org](mailto:ncdr@acc.org)  
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Revision 4

# Outcomes Report

- Detailed analysis of performance compared to registry population
- **Virtually every data element included**
- Care variations and QI opportunities
- **Practice pattern comparison to NCDR<sup>®</sup> averages**

# Where are we headed?

- Version 2.0 will track both Generators and Leads by procedure (not admission)
- This allows us to capture each time a device is implanted or explanted, the reason for the procedure and any complications attributed to the procedure.

# Post-Market Device Surveillance

- Our primary focus remains on patient outcomes
- Tracking devices can help determine patient outcomes
- Potential is high for ICD Registry®
- Success depends on synergy of data

# No More Duplicate Data Entry!

- Smart Cards
- Links with EMRs
- Integrated Healthcare Enterprise (IHE)
  - Standardized interface capability



# The Future is Here!

- FCC
- Health Vault, etc.
- The Patient!

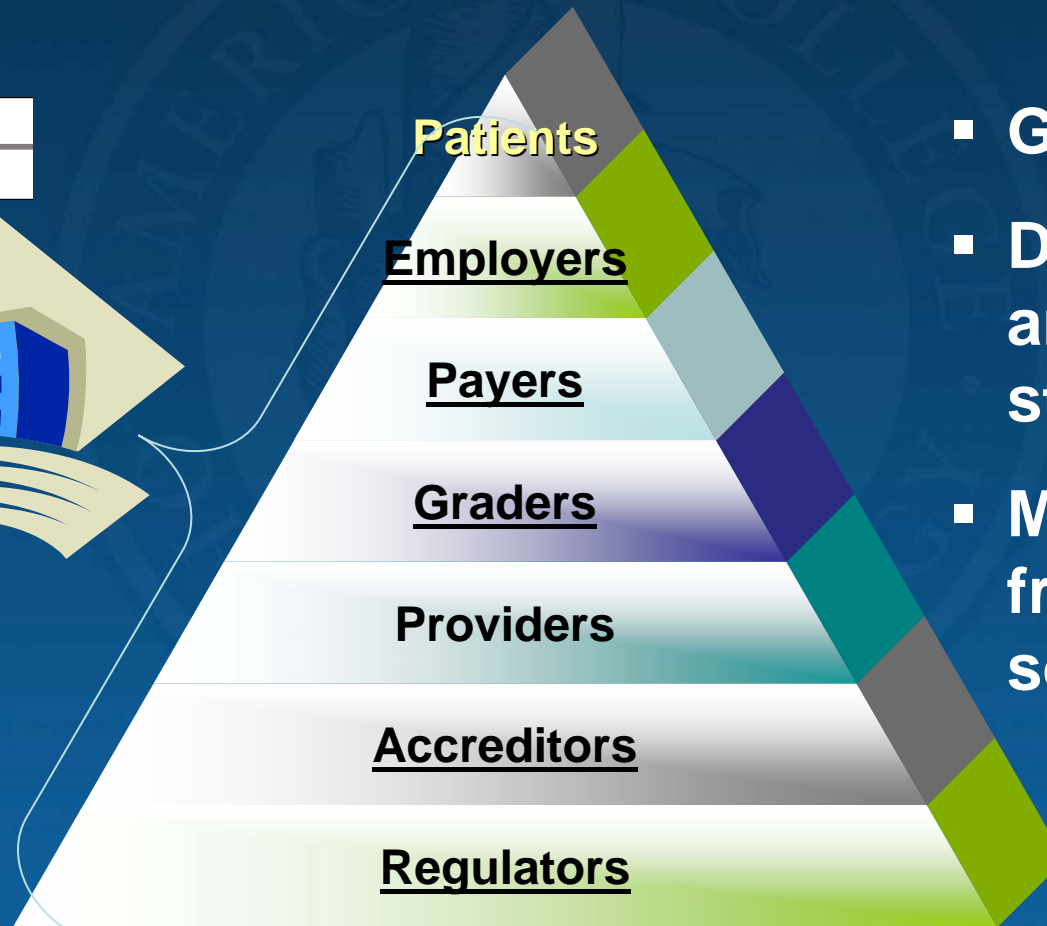
*If Michelangelo were sculpting today ...*



# The Boomers



# Performance Measurement Tomorrow



- Groups align
- Data collection and reporting streamlined
- Measures come from a single source

# IC<sup>3</sup> Program

What's the impact for hospitals and their *bottom line*?



# **An AF Ablation Registry?**

# QCARE





**Why the Profession Needs to  
Take This Challenge On**



# The Risk of Waiting

