

**CHF QUERI**  
**VA Heart Failure**  
**Network**

9/22/20078

# Agenda

- Introductions
- Survey Results
  - Heart Failure Network
- Screening Survey
  - Pilot project at Palo Alto
- Facility Survey
- Discussion
  - Potential Performance Measures

# HF Network Membership

- 360+ providers
- 167 facilities
- 1-8 members at each facility

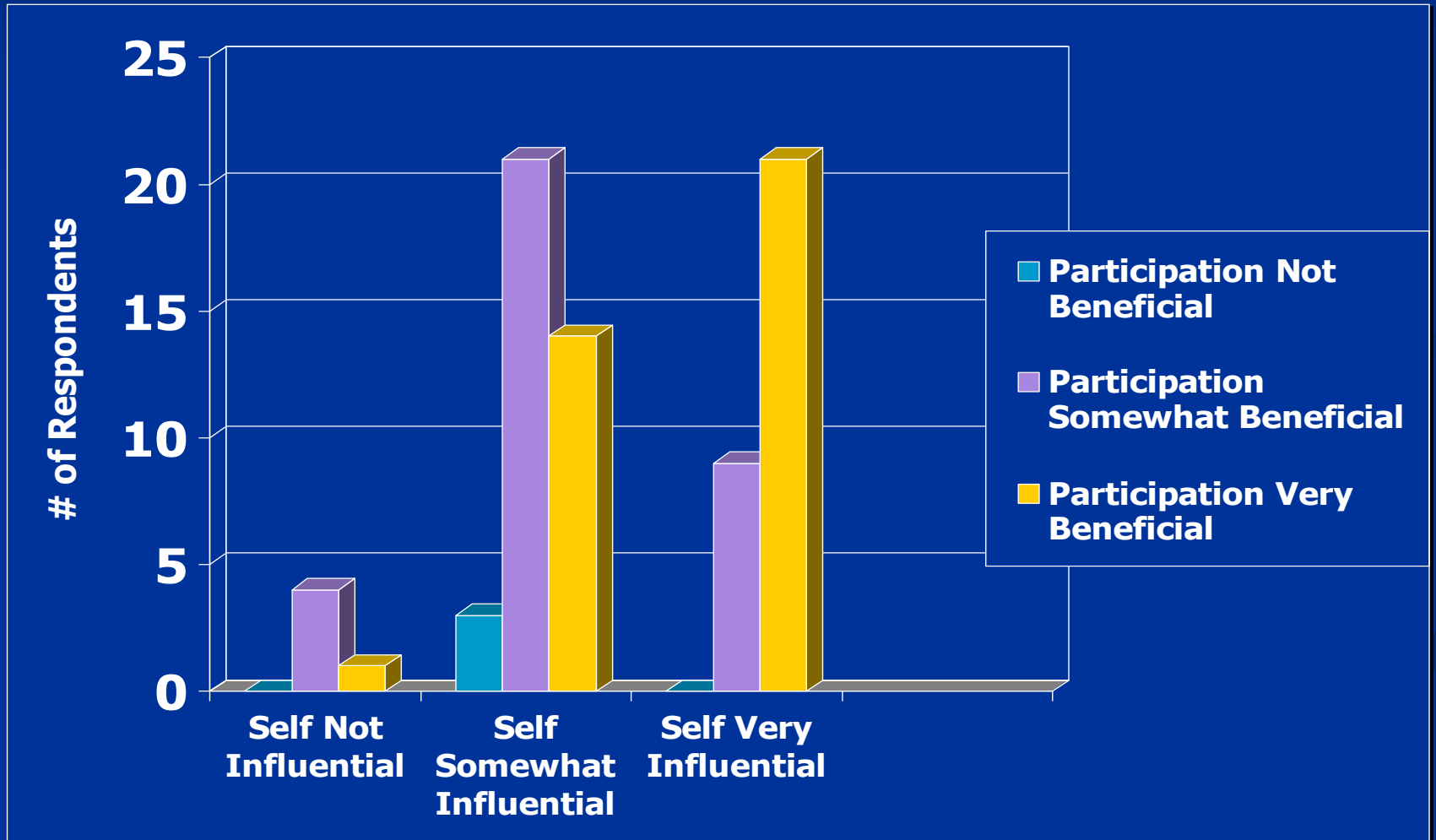
# Table: Provider Categories

| <b>PROVIDERS</b>   | <b>PERCENT</b> |
|--|----------------|
| <b>Physician (Staff)</b>   | <b>50</b>      |
| <b>Nurse / Nurse Practitioner</b>  | <b>26</b>      |
| <b>Chief of Cardiology</b>   | <b>7</b>       |
| <b>Chief of Medicine</b>   | <b>2</b>       |
| <b>Researcher</b>  | <b>2</b>       |
| <b>Chief of Staff</b>  | <b>1</b>       |
| <b>Pharmacist</b>  | <b>1</b>       |
| <b>Physician Assistant</b>   | <b>1</b>       |
| <b>Psychologist</b>  | <b>1</b>       |
| <b>Others (cardiology tech, supervisor, case manager, clinical care coordinator, tele-care health coordinator, etc.)</b> | <b>9</b>       |

## Initial Results: Influence of Participation

| <b>Overall, did participation in the sessions influence YOU in terms of the following-</b>    | <b>NO</b>  | <b>YES</b> |
|---|------------|------------|
| <b>Help understand facilitators and barriers in setting up or running HF clinic/program</b>   | <b>8%</b>  | <b>92%</b> |
| <b>Help solve implementation-related problem at your facility</b>                             | <b>34%</b> | <b>66%</b> |
| <b>Validated your current practice in taking care of HF patients</b>                          | <b>9%</b>  | <b>91%</b> |
| <b>Provide names of contacts from HF Network for networking and potential problem solving</b> | <b>9%</b>  | <b>91%</b> |

# Initial Results: Benefit of Participation for Influential Members



# Patient Screening Survey

- One page
- Sent to all patients at Palo Alto VA with one icd9 diagnosis of heart failure in the last 12 months (N=2503)
- Asks general questions
  - Heart Disease
  - Symptoms
  - Interest in services

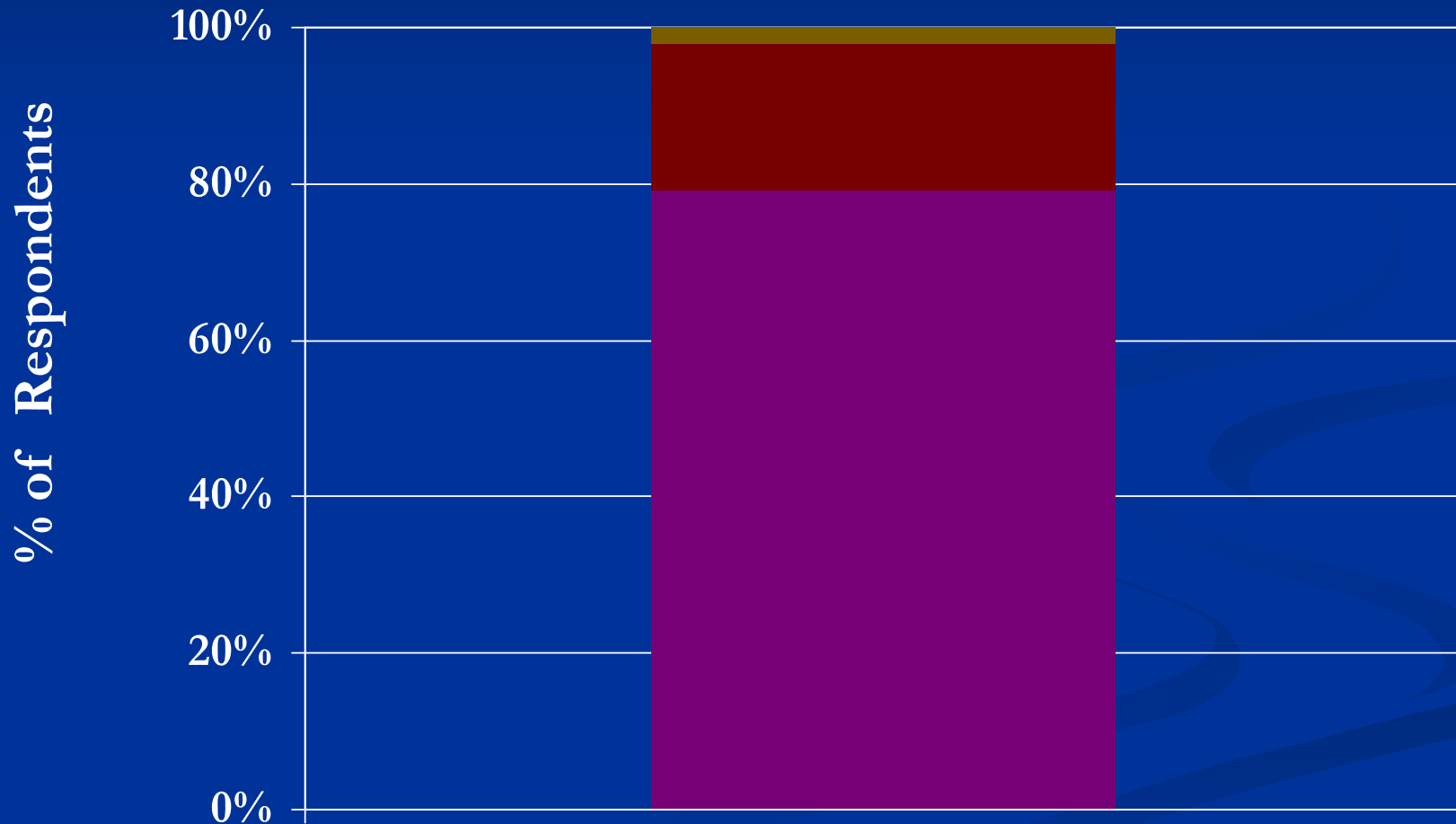
# Response

- 2503 mailed
- 190 found to died
- 1799 surveys received (78% response)



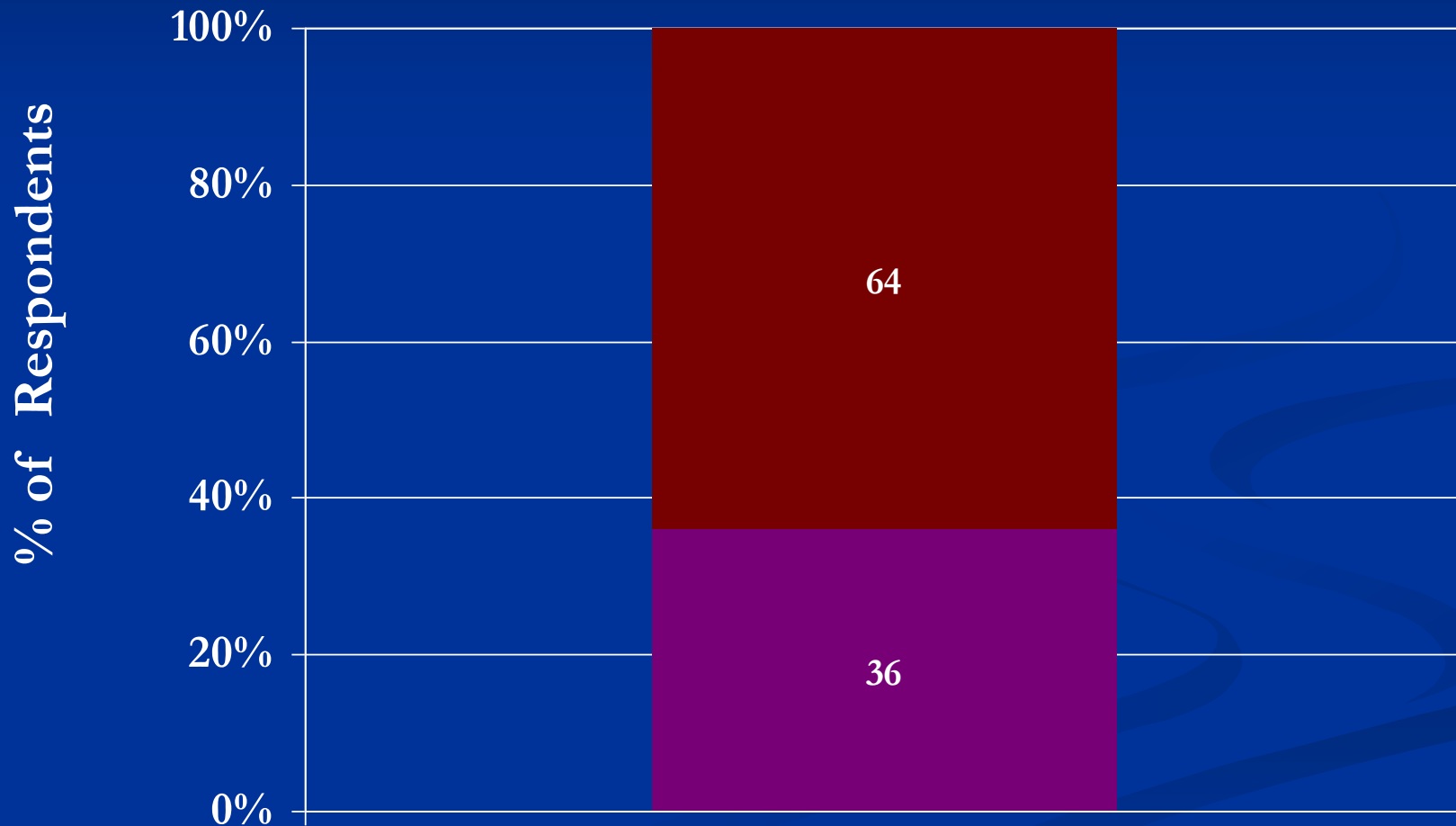
# Have You Been Told You Have Heart Failure?

■ Yes ■ No ■ Don't Remember



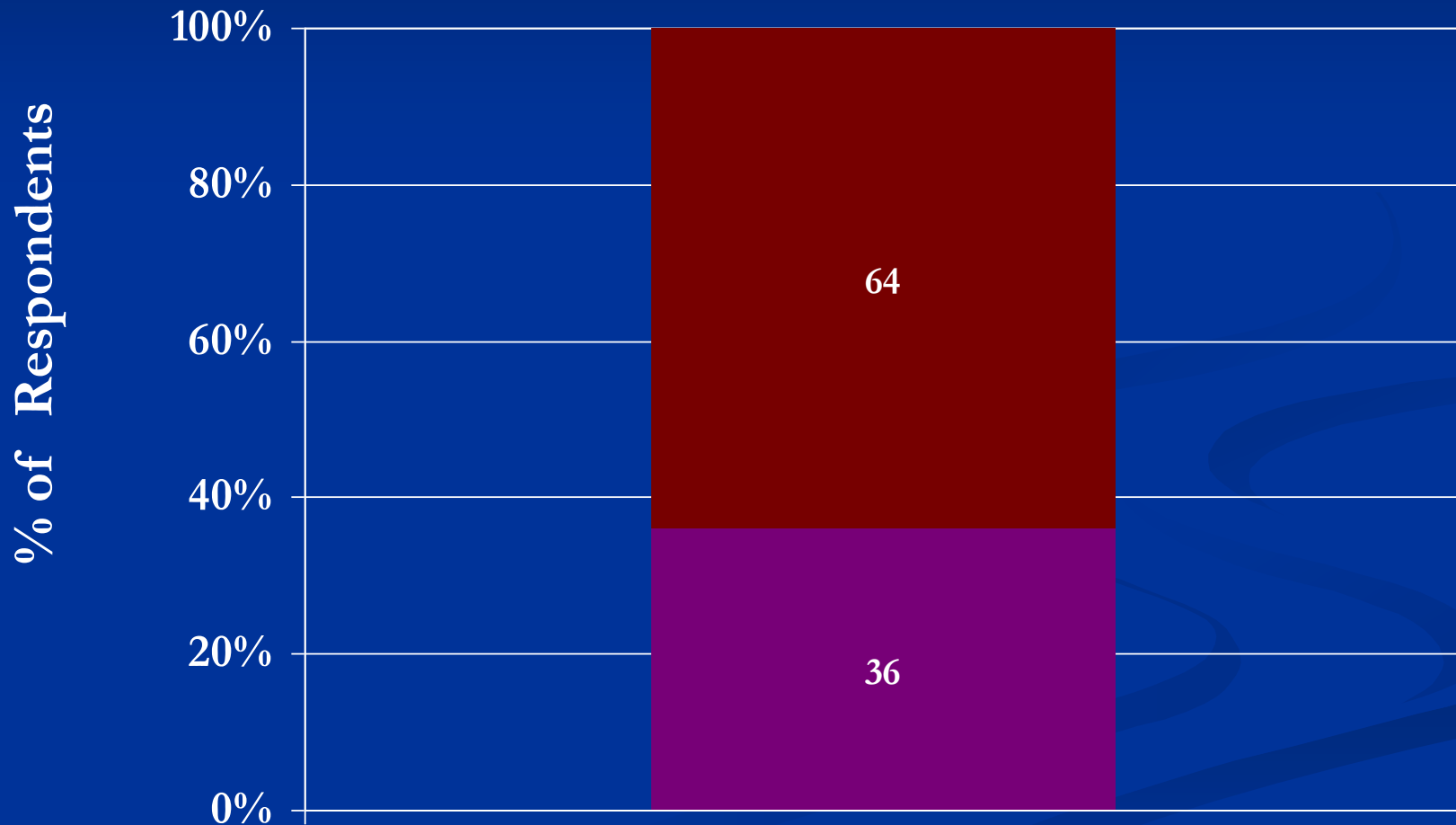
# Outside MD Managing Heart Failure?

■ Yes ■ No

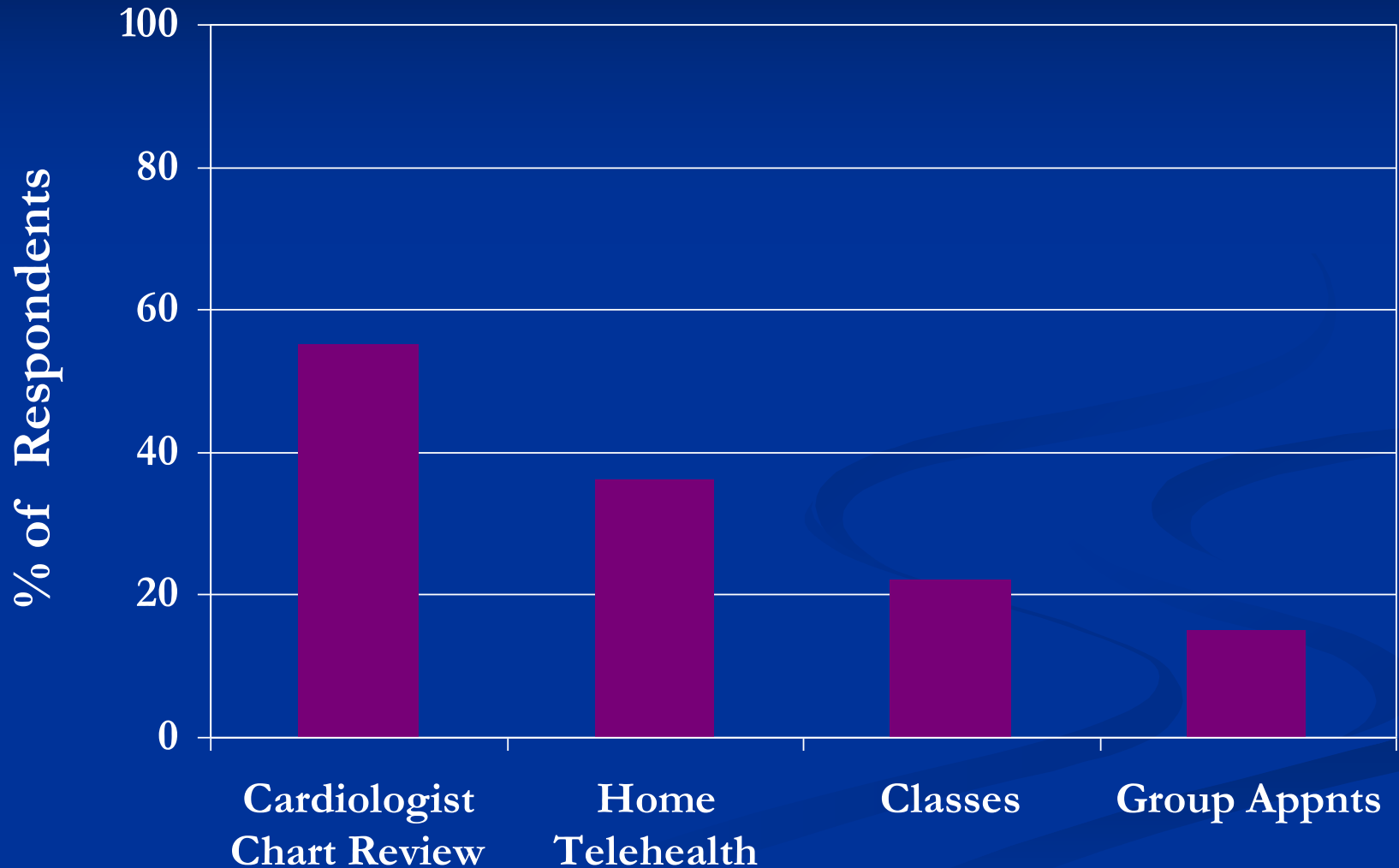


# Outside MD Managing Heart Failure?

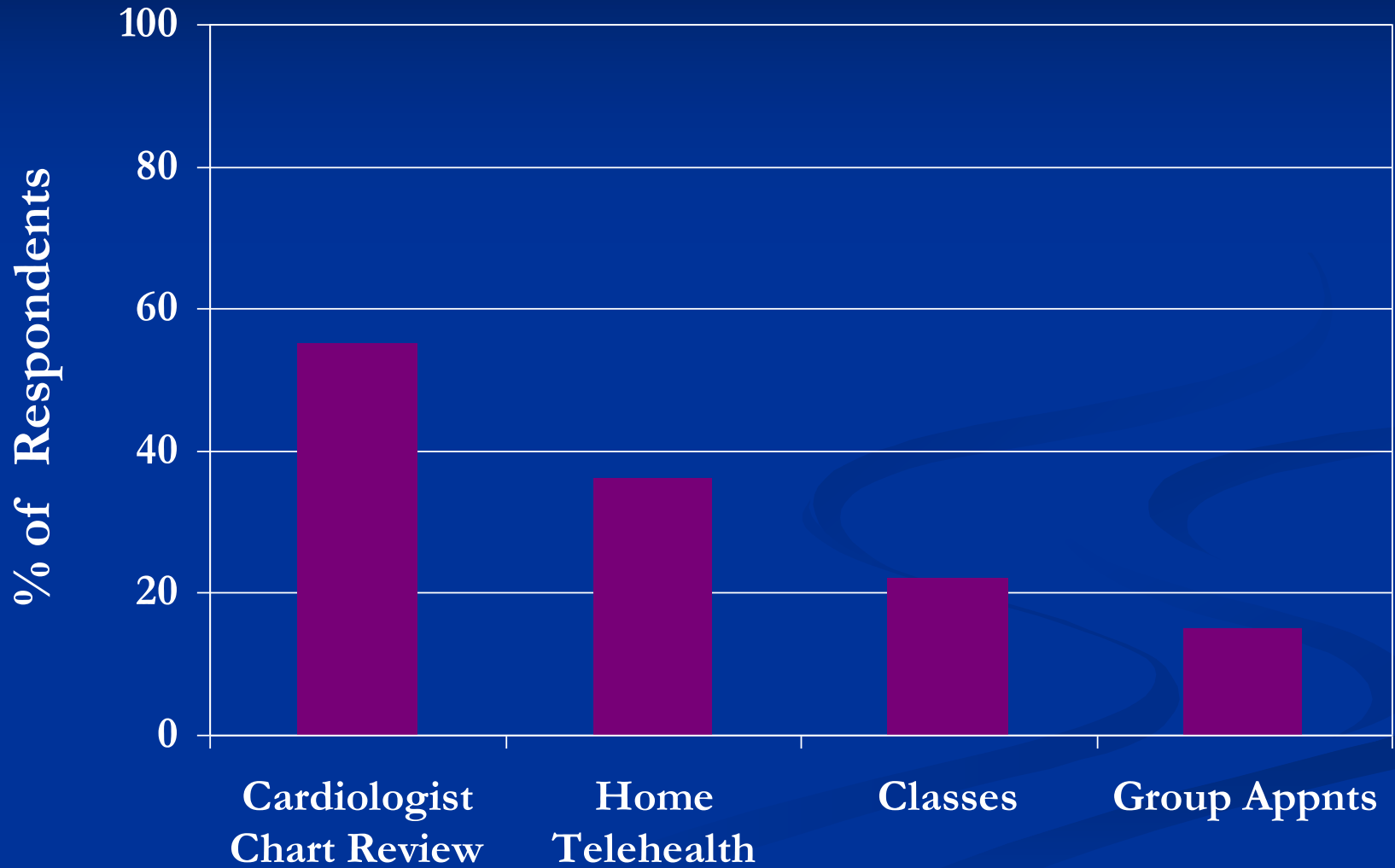
Yes No



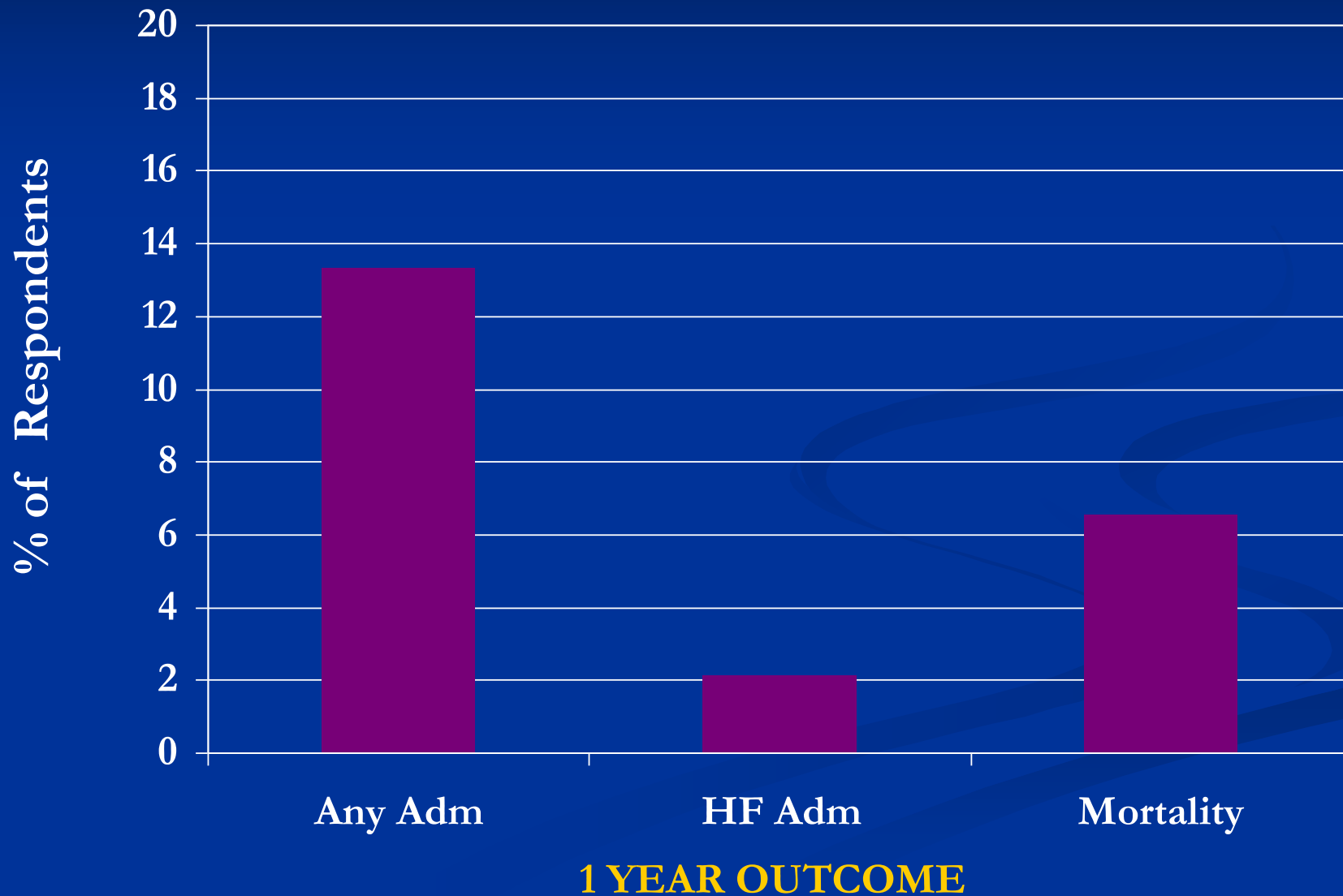
# Patient Interest in Services



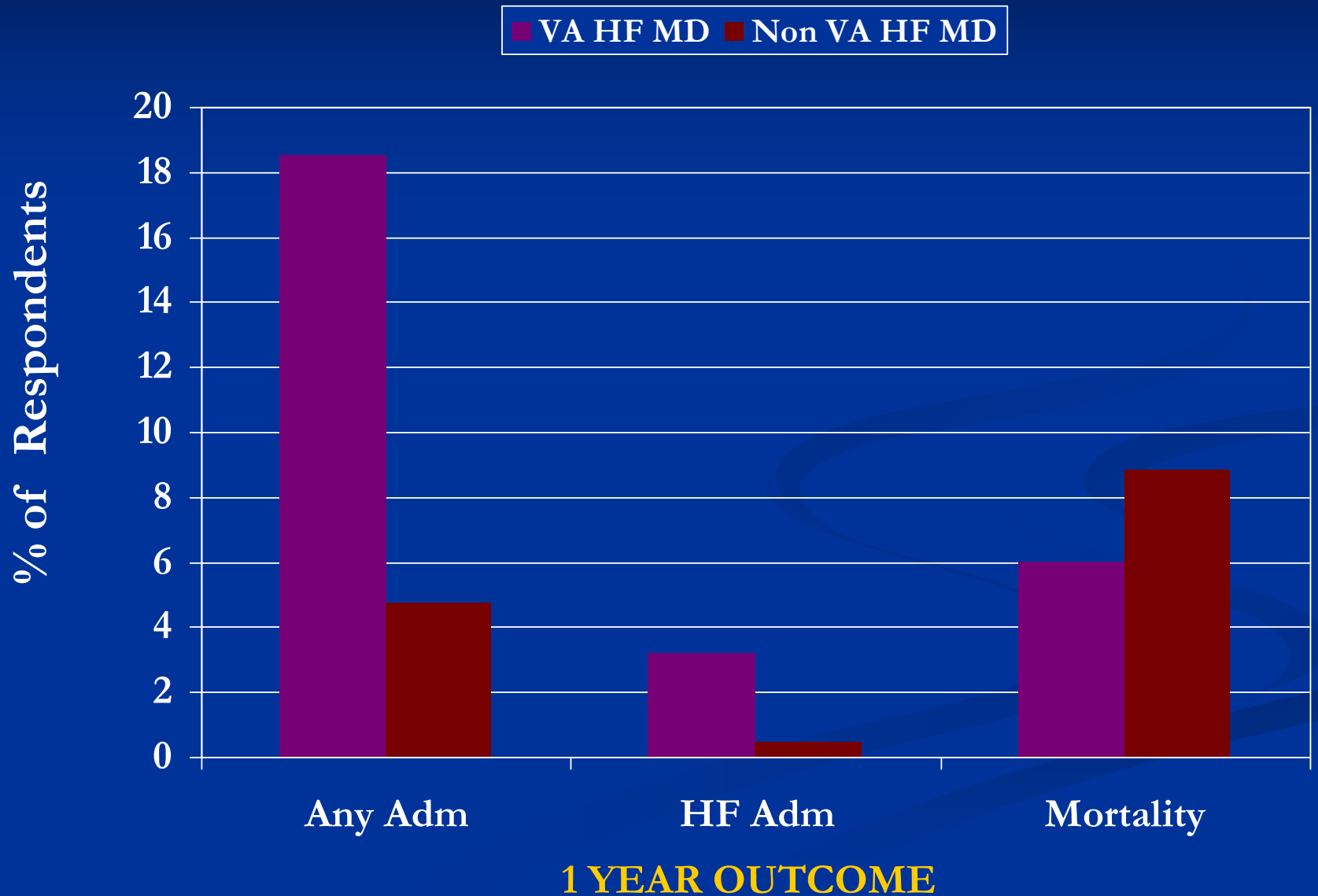
# Facility



# Outcome



# MD Location and Outcome



# High Risk for VA Hospitalization

- VA Provider
- Moderate or greater edema
- Moderate or greater dyspnea on walking
  
- 16% had all of these



# Use of the Survey

- Identification of patients for services
  - Note to provider let to care coordination referral in 15-20%.
- Identification of patients at risk for hospitalization
  - Candidates for local HF programs
- More powerful if it can be combined with existing VA datasets (medication, lab)

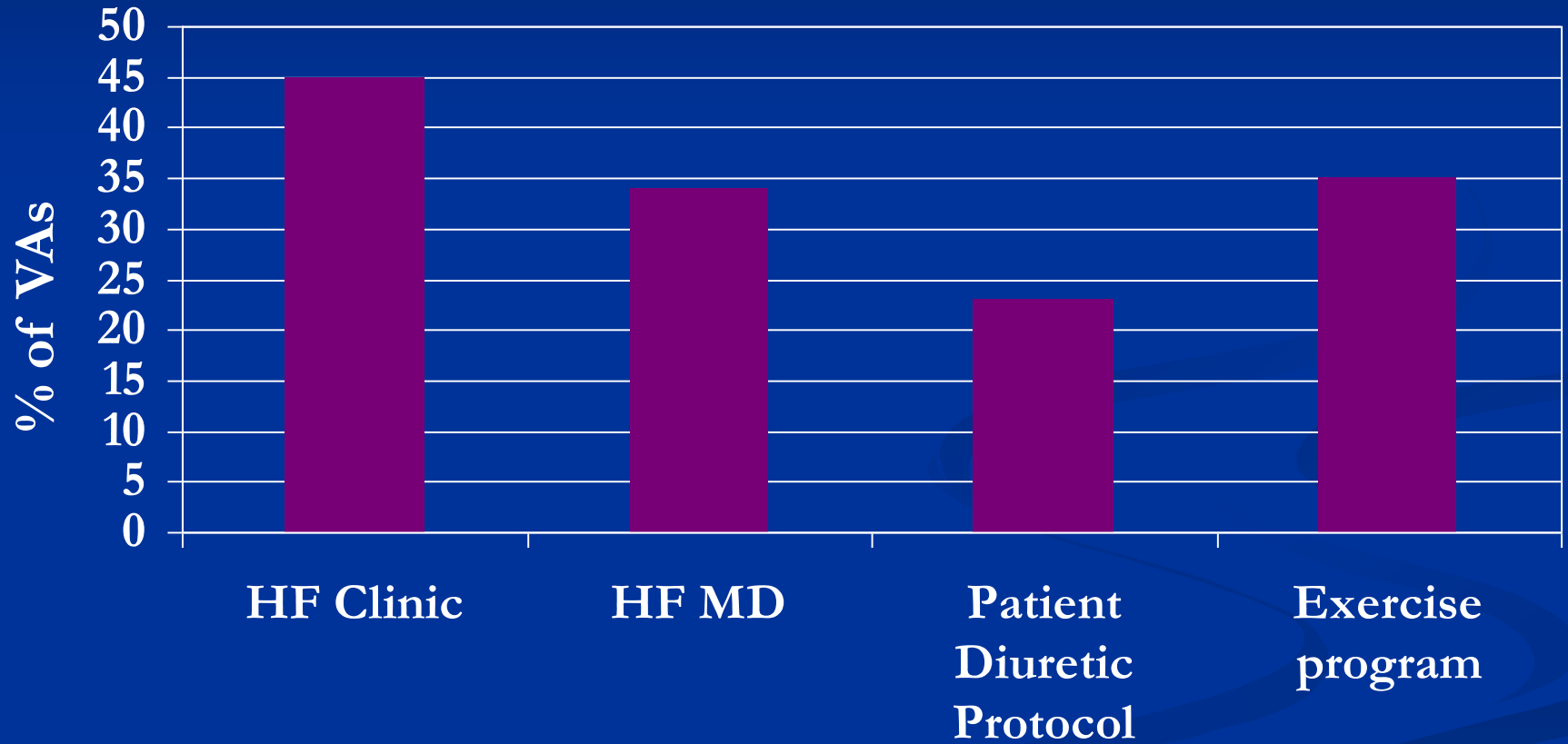
# Patient Survey Offer

- CHF QUERI will identify and survey heart failure patients at other facilities
- Customized lists will be returned based on local need
- Contact [Paul.Heidenreich@va.gov](mailto:Paul.Heidenreich@va.gov) or [Anju.Sahay@va.gov](mailto:Anju.Sahay@va.gov) if interested

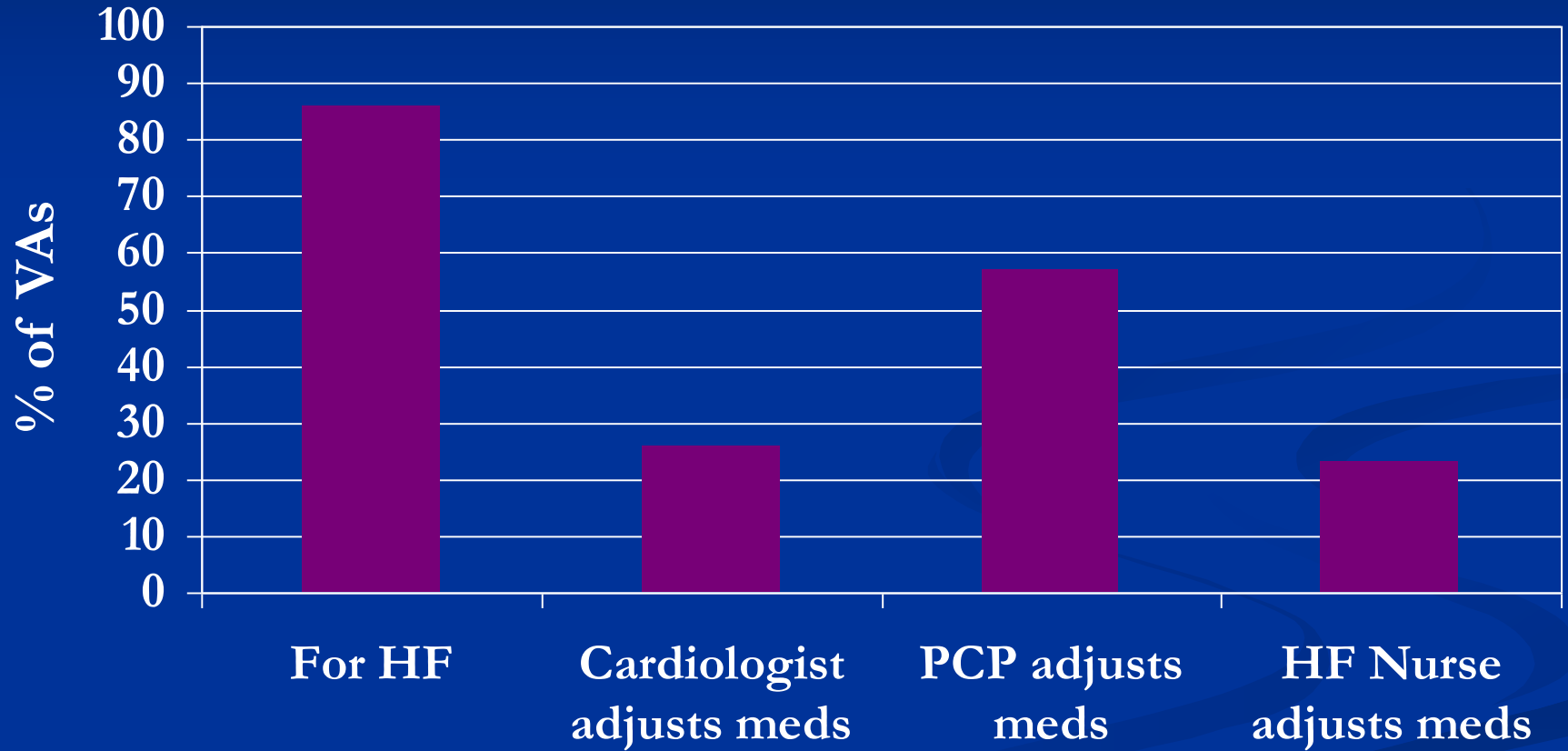
# Facility Survey

- 144
- 88% cardiologist
- 93 reported data on fulltime cardiologists (mean 3.3)

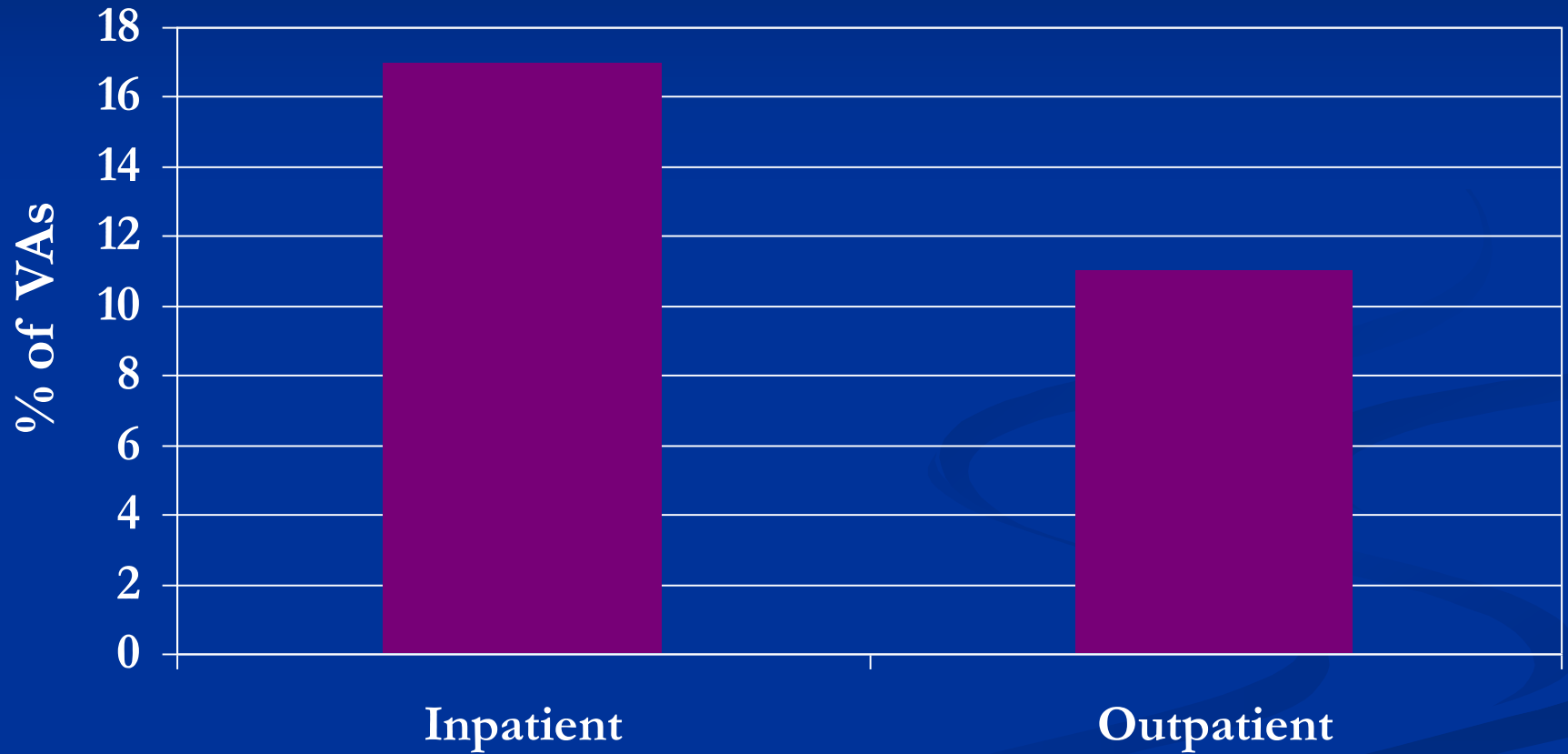
# Facility Survey



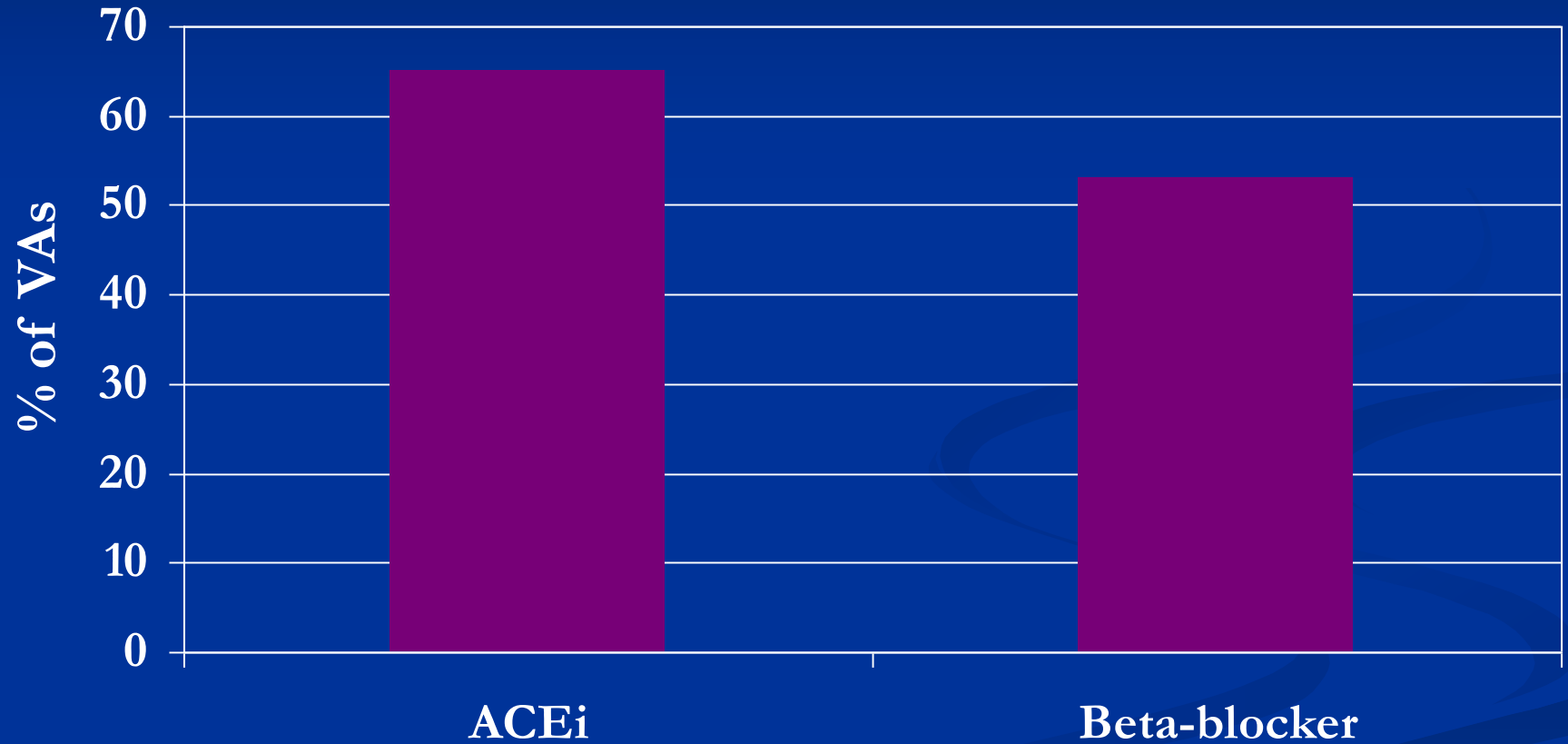
# Home Monitoring



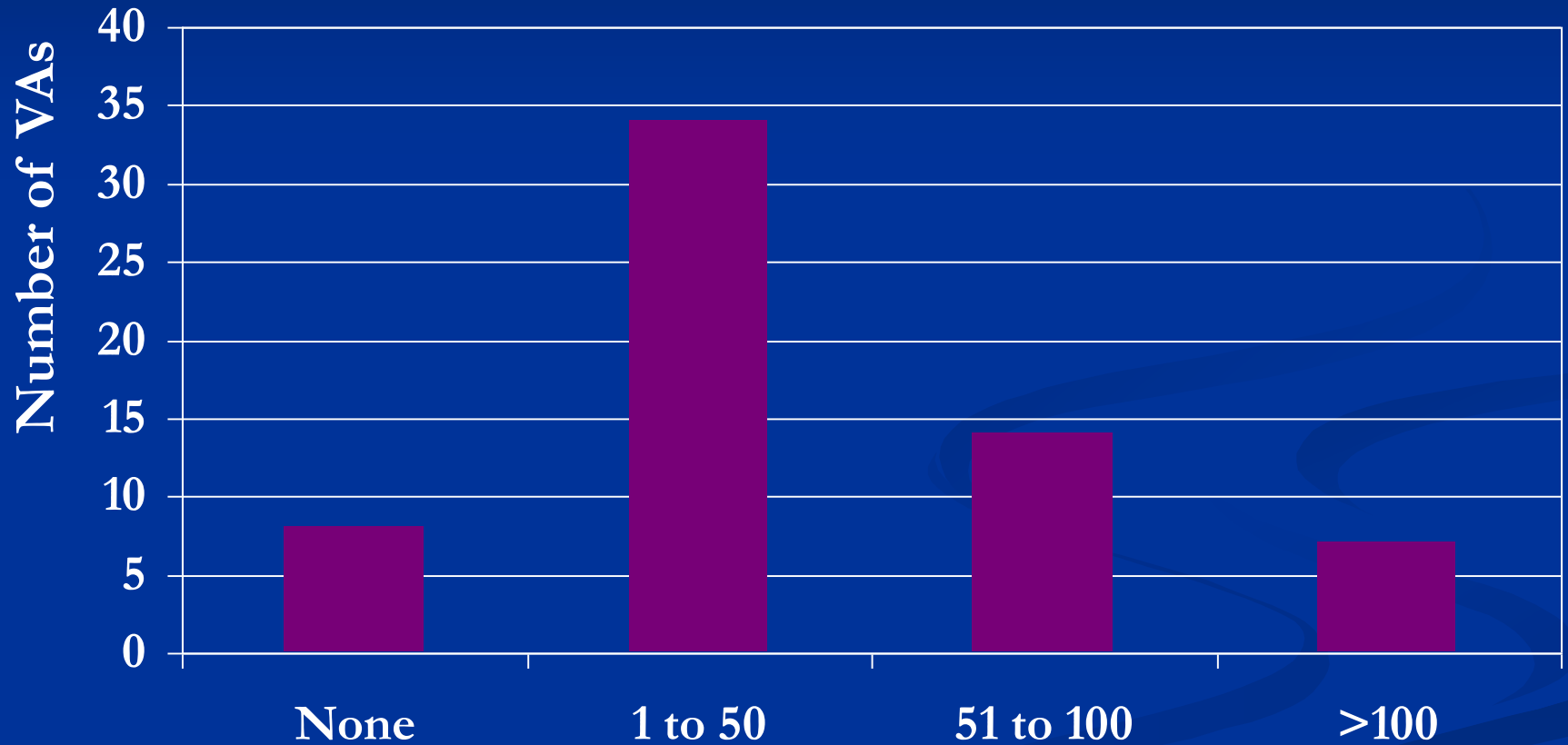
# Standardized Orders



# Clinical Reminders

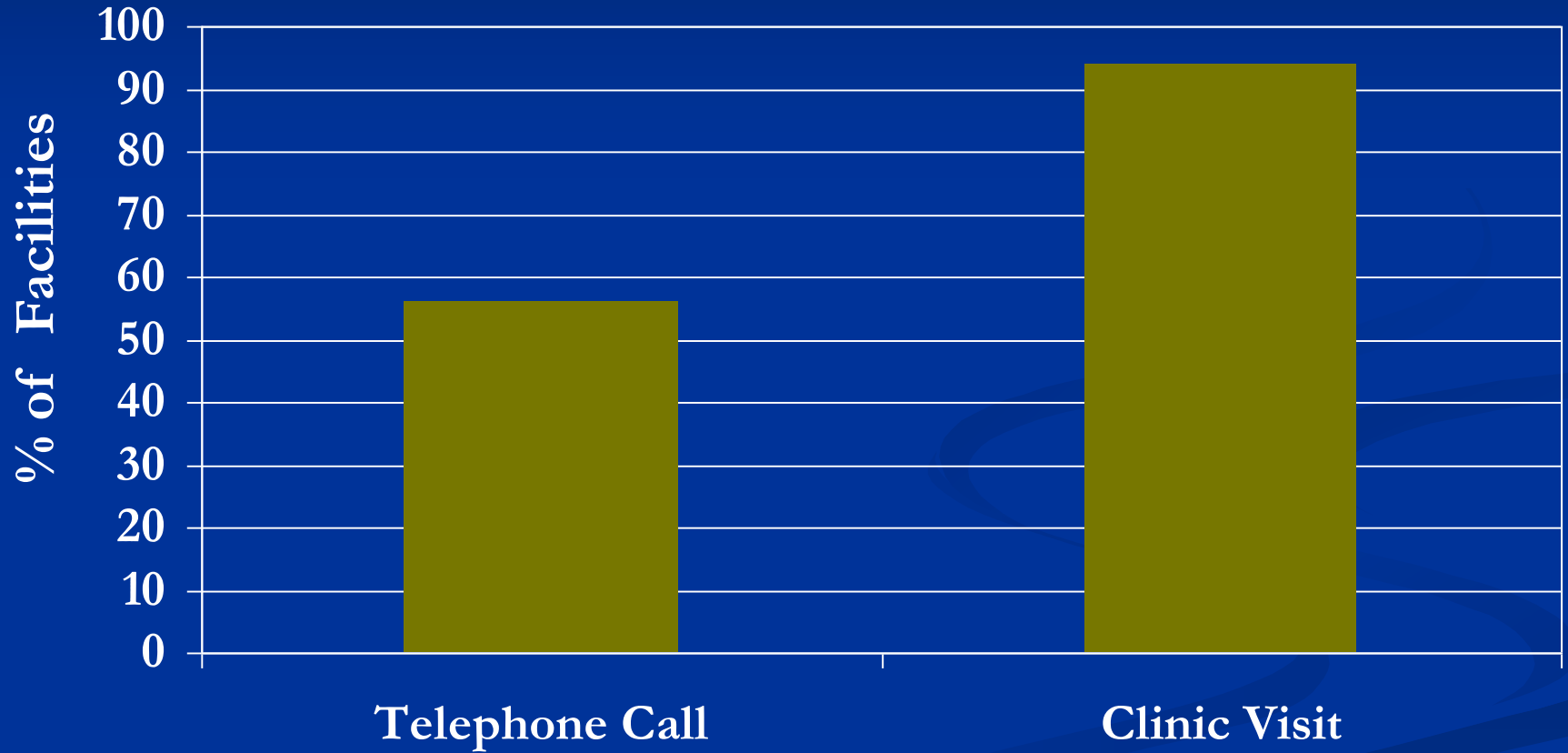


# Home Monitoring Enrollment

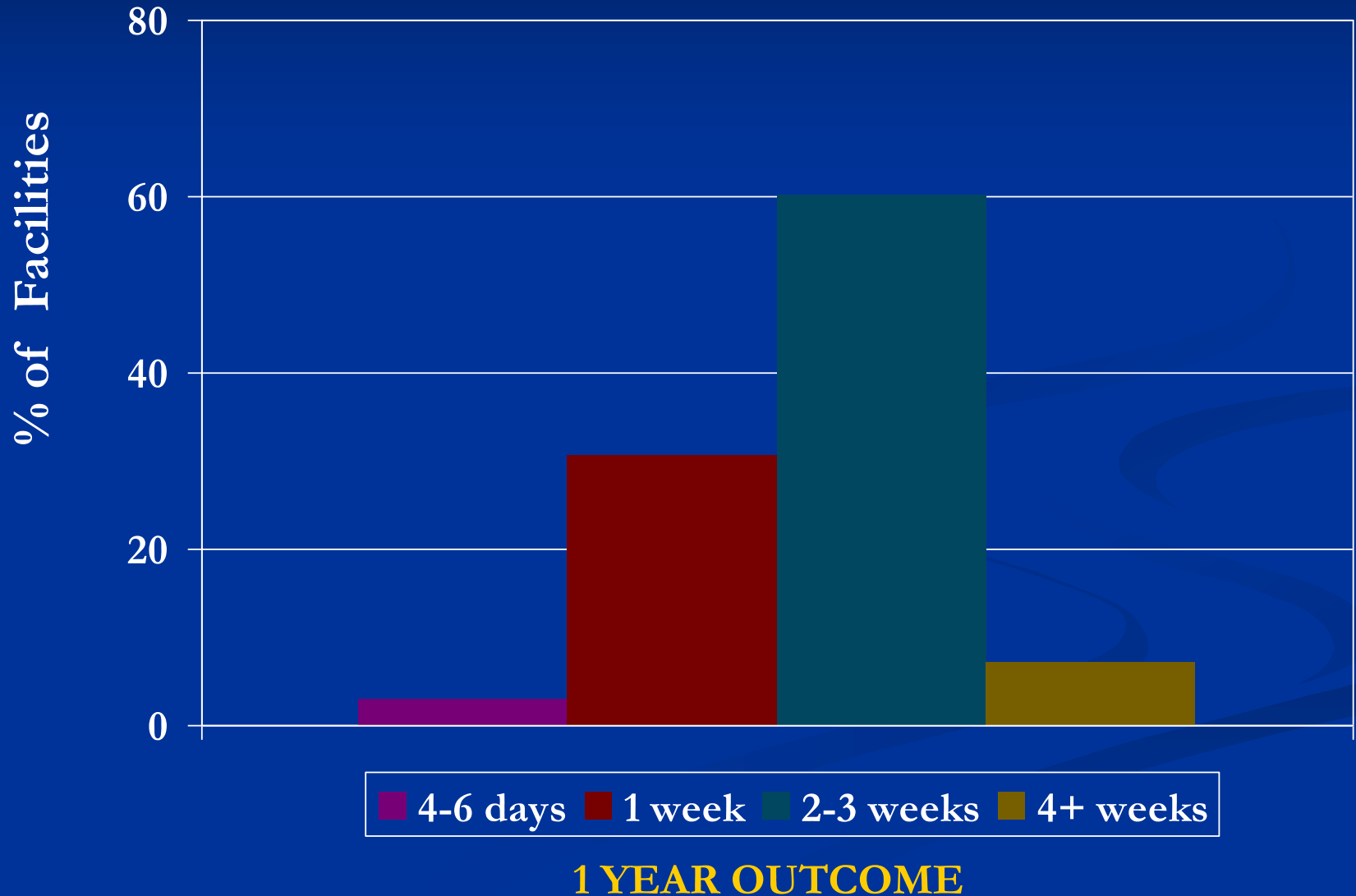




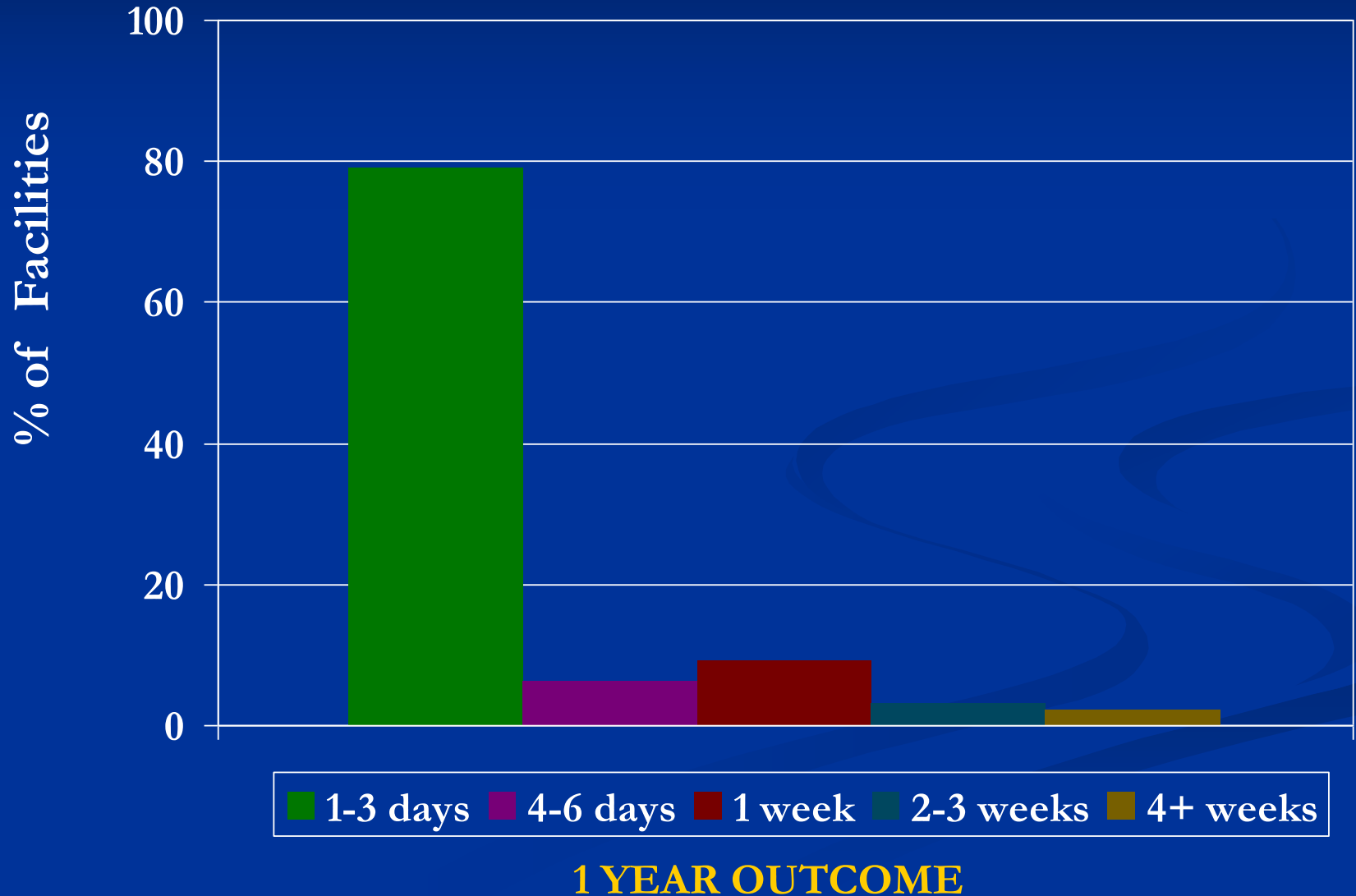
# Follow Up



# Follow-up Time for Clinic Visit



# Follow-up Time for Telephone Call



# Future Directions for VA Heart Failure Care

- Office of Quality and Performance
  - Potential New Performance Measures
    - 30-Day Readmission Rates
    - Incident admission rates
    - 30-Day Mortality