

# Assessment of Implantable Monitoring Devices for Heart Failure Patients

- Interest in use of implantable monitoring devices is growing
- Modalities include measurements of hemodynamics, thoracic fluid content, HRV
- Most of these are being incorporated with CRT and ICD implants
- Efficacy of these devices & specific measurements is not adequately validated
- A major issue is the handling of these data and the process by which these are utilized to adjust Rx

# VA is uniquely suited for assessing the effectiveness of HF monitoring devices

- Centralized monitoring of ICDs and CRT devices
- Wide use of home monitoring
- Accessible electronic medical record to assist in implementation
- Potential for management input “at a distance”
- Major device vendors have expressed interest in utilizing VA for evaluating heart failure monitoring devices

# Questions to Network Participants (1)

1) Do you have a heart failure program?

Yes

No

2) Are you using home monitoring for HF patients (care coordination)

Yes

No

3) If yes, who follows and intervenes on HF patients in response to telemetered data?

Cardiology

Care coordinator

PCP

4) Are you following patients with ICDs/CRT with monitoring capability?

Yes

No

Don't know

# Questions to Network Participants (2)

5) If HF monitoring data from implanted devices were available to you via the web or alerts, would Cardiology be able to utilize effectively in patient management?

Yes

No

Don't know

6) Would it be helpful if this data were processed through a centralized service and alerts provided to an appropriate person at your site?

Yes

No

Don't know

7) Would it be helpful if there were a centralized expert heart failure team with 7 day a week availability to participate in the management of these patients?

Yes

No

Don't know

# Questions to Network Participants (3)

8) Would you participate in an evaluation of patients with implanted devices that compared outcomes of patients with locally monitored data vs no monitored data (e.g., device not activated)?

Yes

No

Don't know

9) Would you participate in an evaluation of patients with locally monitored vs centrally monitored with local alerts?

Yes

No

Don't know

# Questions to Network Participants (4)

10) Would you participate in an evaluation of patients with implanted devices that compared outcomes of patients with locally monitored data vs centrally monitored data and central intervention (with provider notification)?

Yes

No

Don't know

11) Would you participate in an evaluation of patients with centrally monitored data with local alerts vs centrally monitored data vs central intervention?

Yes

No

Don't know

*Please send any comments or questions to:  
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