

A photograph of a group of people exercising on treadmills in a gym. The focus is on a woman in the foreground with dark curly hair, wearing glasses and a grey hoodie, who is smiling and looking towards the camera. Other people are visible in the background, also on treadmills, but they are out of focus. The gym environment includes wooden floors and blue-tinted background elements.

Michigan Cardiac Rehab Network Spring Meeting April 5, 2024



Disclosures

- Mike Thompson and Devraj Sukul each receive funding from Blue Cross Blue Shield of Michigan for their roles with the Michigan Value Collaborative and BMC2, respectively
- Mike Thompson receives grant funding from the Agency for Healthcare Research and Quality (K01HS027830, R01HS028397)



Agenda

- **Welcome**
 - Devraj Sukul, MD, MSc, Associate Director, BMC2 PCI
 - Mike Thompson, PhD, MPH, Co-Director, MVC

- **Cardiac Rehabilitation at Baystate Hospital**
 - Quinn R. Pack, MD, MSc, FAACVPR, FACC, FAHA, Baystate Medical Center & University of Massachusetts Chan Medical School-Baystate

- **2024 Legislative Updates**
 - Jenna Scott, BS, ACSM-CEP, EIM, Michigan Society for Cardiovascular and Pulmonary Rehabilitation (MSCVPR)
 - Gregory Scharf, BS, CEP, CCRP, MyMichigan Health

- **Closing**
 - Devraj Sukul, MD, MSc, Associate Director, BMC2 PCI
 - Mike Thompson, PhD, MPH, Co-Director, MVC



MiCR Leadership Team



Devraj Sukul, MD, MSc

Associate Director – PCI,
Blue Cross Blue Shield of Michigan
Cardiovascular Consortium (BMC2);
Co-Director, MiCR



Mike Thompson, PhD, MPH

Co-Director,
Michigan Value Collaborative (MVC);
Co-Director, MiCR



Mary Casey, MPA

Project Manager,
Blue Cross Blue Shield of
Michigan Cardiovascular
Consortium (BMC2)



Jana Stewart, MPH

Project Manager,
Michigan Value
Collaborative (MVC)



Housekeeping

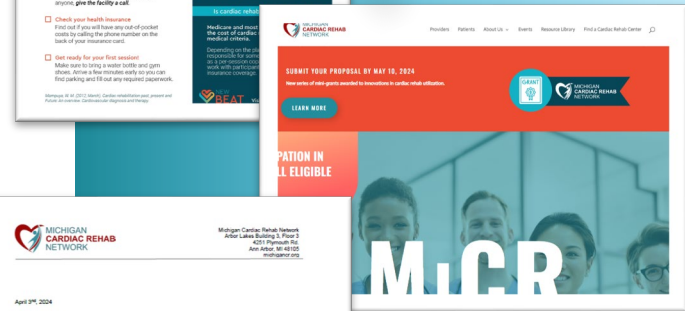
- This session is being recorded
- Slides will be shared with attendees
- Add questions to the chat – there will also be time for questions during each presentation
- Your participation and feedback is essential





Network Updates

- **NewBeat orders shipped out. Next order available in late-summer.**
- **CR Utilization QI Award (mini-grant) accepting applications until May 10th.**
- **MiCR's support of CR legislation**



April 3rd, 2024

Dear Representation

The Michigan Cardiac Rehab Network (MCRN) is a statewide network of more than 50 Michigan hospitals dedicated to enhancing cardiac rehab (CR) access and utilization among patients with eligible cardiovascular conditions. CR is a low-cost service with high impact and reduces the risk of cardiac events and hospital readmissions. For patients with cardiovascular conditions through a structured program focused on physical activity, behavior change, and social support. For patients recovering from a cardiac event, CR is essentially the next step in their care and an integral part of their healing journey. Our network and partnering organizations strongly support the use of cardiac rehab (CR) for patients after cardiovascular procedures.

Unfortunately, many CR programs are currently operating at capacity, resulting in excessively long waiting lists for patients. Under the current policy, CR centers are unable to expand to off-campus locations without a 20% reduction in reimbursement, thus adding to space constraints and patient wait lists. Additionally, the Consolidated Appropriations Act that amended Medicaid reimbursement for virtual treatment (audiovisual) CR services expired December 31, 2023, as CR does not fall under CMS telehealth services. Studies have found that off-site CR is the most accessible alternative to in-person CR, and eliminating the option of telehealth has left patients who live in rural communities or rehab deserts, or face transportation barriers, without access to this important treatment.

We are writing to request your support for HR 5555, 1949 and HR 14265, 2021. Two legislative bills that address these challenges and aim to increase rehab capacity, reduce wait times, and allow for flexibility in care delivery to meet the unique needs of our patients!

HR 5555, 1949

- Allow hospital-based CR programs to be reimbursed at the same rate on and off the main hospital campus.
- Eliminate CR accessibility by incentivizing investments into expanded or new physical spaces that could mitigate current capacity shortages.

HR 14265, 2021

- Permanently extend Medicare reimbursement for virtual CR, which was allowed due to the COVID-19 pandemic but expired December 31, 2023.
- Permanently extend Medicaid reimbursement for virtual (real-time audiovisual) CR physician supervision, which was allowed due to COVID-19 and due to expire December 31, 2026.
- Allow facilities to expand capacity through virtual CR access without requiring additional capital investments in new facilities and providing flexibility to patients with geographic or social barriers to participation.

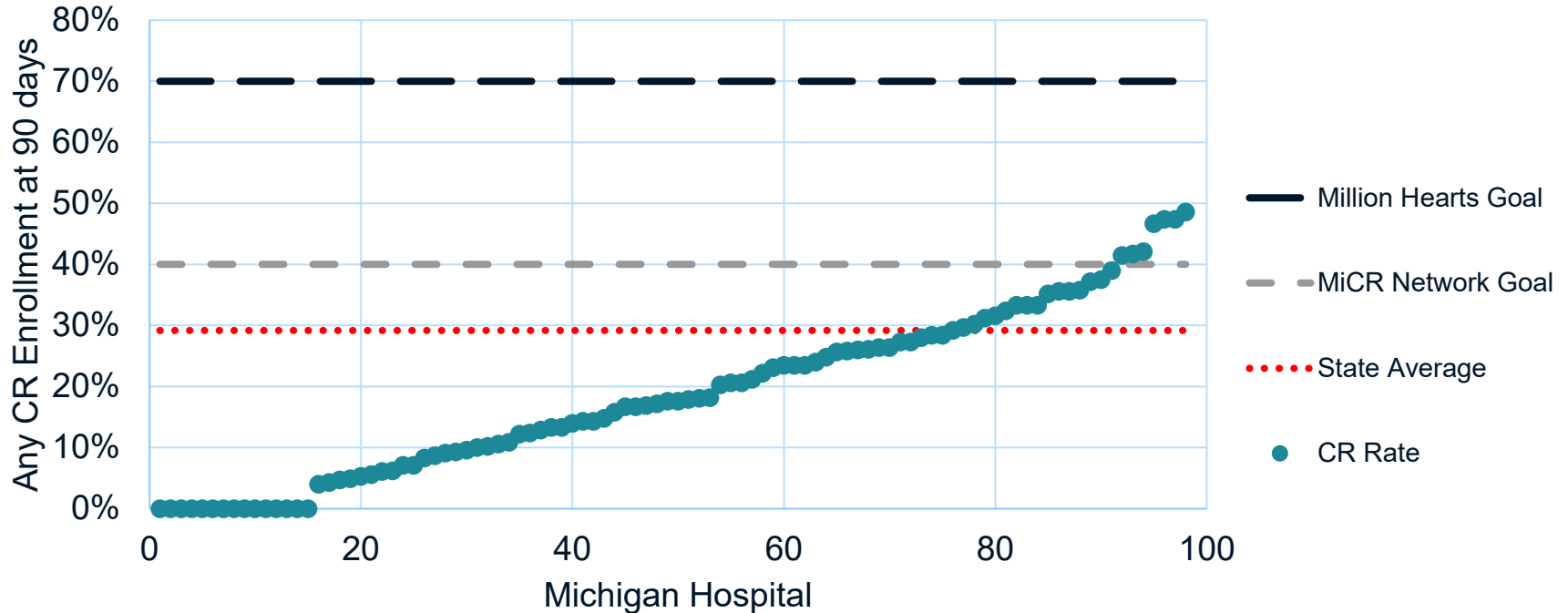
The Michigan Cardiac Rehab Network and the undersigned members of our partnering organizations support the passage of HR 5555, 1949 and HR 14265, 2021. We believe these bills will provide a

*Sponsor: J. VanDerWal, D. Daniels, et al. Co-sponsors and bipartisan cosponsors: J. Gargano, M. Holt, and other state representatives. Journal of Contemporary Transportation and Planning, 2022, 42(2), 104-116. doi: 10.1080/24747360.2022.2111111

†Federalists in Support of the Transportation Bill. "Transportation Bill to Congress to expand cardiac rehabilitation capacity and address health equity barriers." October 2023. doi: 10.1017/etp.2023.103.1-10



GOAL: Increase CR participation to 40% by 2024 for all eligible conditions*



* Excludes CHF

Cardiac Rehabilitation at Baystate Hospital

Quinn R. Pack, MD, MSc, FAACVPR, FACC, FAHA

Associate Professor, University of Massachusetts Chan Medical School-Baystate

Non-Invasive and Preventive Cardiologist

Medical Director, Cardiac Rehabilitation and Wellness

Program Director, Cardiovascular Disease Fellowship

Baystate Medical Center

Springfield, MA

Conflicts

- ❖ No conflicts of interest
- ❖ I am supported by:
 - NHLBI grant #R01 HL156851-01 – Studying the implementation and effectiveness of a hospital-based tobacco treatment team
 - NIA grant #AG077179-01 – Comparing two exercise methods on fitness outcomes in cardiac rehabilitation
 - NHLBI grant #R01HL146884 – Evaluating methods to increase cardiac rehabilitation enrollment among patients with heart failure
 - NHLBI grant #R34 HL156920 – Evaluating a stepped care model for cardiac rehabilitation recruitment and adherence

National Guidelines and Gap

- ❖ However, only a minority of eligible patients attend
 - 14% for MI
 - 31% for CABG
- ❖ 9-fold variation across states
- ❖ Despite some improvement in referral, participation is still around ~30%

Suaya et al, *Circulation*, 2007

Beaty et al, *JACC*, June 2014

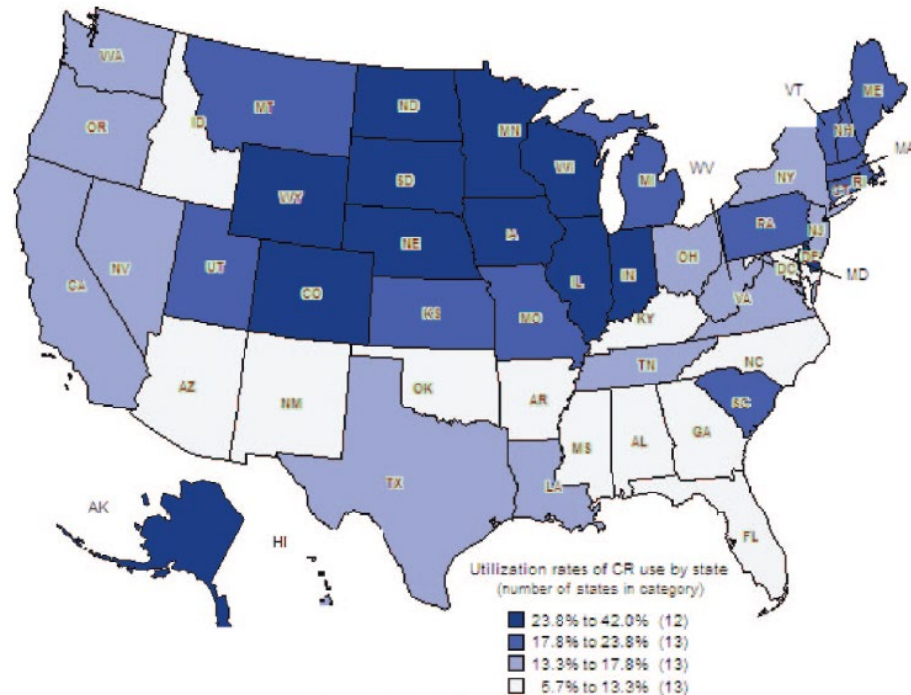
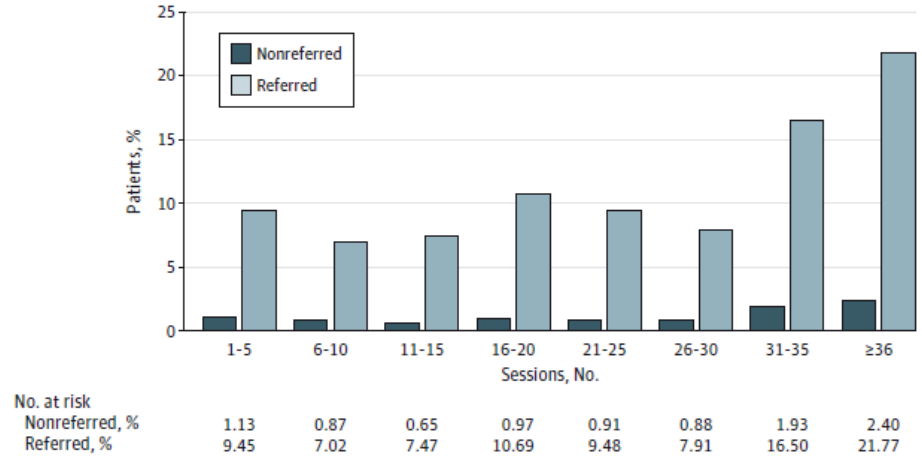


Figure. Standardized rates of CR by state.

Completion

- ❖ Medicare linked NCRD-GWTG, 2007 to 2010
- ❖ 62% referral
- ❖ 23% enrollment
- ❖ **3%** attended without initial referral
- ❖ **Only 5%** completed CR by attending all 36 sessions

Figure. Cardiac Rehabilitation Sessions Attended Among Patients 65 Years or Older After Acute Myocardial Infarction



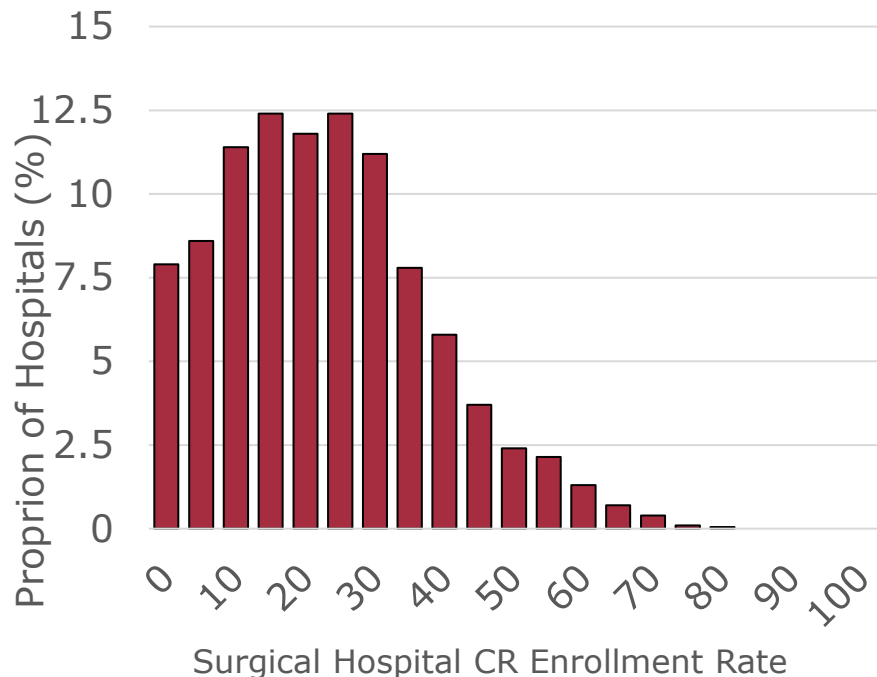
Doll et al., JAMA-IM, Aug 2015

What is the Ideal Rate?

- ❖ Top-performing systems are able to achieve participation rates of ~70%.
- ❖ This some points to ponder:
 - Some patients will come regardless (5%)
 - Some patients will not come regardless (30%)
 - All other patients need **facilitation and encouragement** (65%) and would probably attend if informed and motivated
- ❖ The Million Hearts Cardiac Rehabilitation has set a goal of 70% enrollment.

Hospital Effects

- ❖ 2017 Medicare Data
- ❖ MI, CABG, PCI, Valve
- ❖ 3420 Hospitals; 264,970 patients; 25% attended CR
- ❖ 92% of all eligible patients were at surgical hospitals
- ❖ In multi-variable model the hospital median OR was 2.1



Pack et al; AHA 2022

How to Improve CR Utilization?

- ❖ Systematic referral
 - Opt out > Opt in > Routine “paper” referral
- ❖ Liaison-facilitated referral
 - Inpatient cardiac rehabilitation, navigators, liaisons
 - Maps, contact information, encouragement
- ❖ Early appointments to CR
 - Eliminate restrictive policies
- ❖ Reminder phone calls
- ❖ Strength of physician referral

Is Cardiac Rehab Improving?

❖ Survey in Nov 2012

- 290 program directors within the AACVPR
- Email survey

❖ Quality Improvement

- 49% (21-74%) reported measuring enrollment rates
- 53% (42-62%) of programs reported doing QI projects

❖ Survey in 2021

- 316 hospitals across US
- Mixed-mode survey

❖ Quality Improvement

- 49% reported measuring enrollment rates
- 71% aware of the Million Hearts campaign
- 28% reporting doing QI projects

Pack et al; *JCRP* 2015;35:173-180

Pack et al; *AACVPR* 2022

How to Improve CR Utilization?

- 76%
 - 26%
 - 50%
 - **46%**
 - 62%
 - 23%
 - **38%**
- ❖ Any kind of systematic referral
 - Some
 - All patients
 - “Opt out” systematic referral
 - ❖ Any kind of liaison-facilitated referral
 - Some patients
 - All patients
 - 22 ± 26 hours per week per hospital

Hospital Culture

Question	Rarely/Some of the time	Often	Always/Almost Always
Physicians at our hospital discuss cardiac rehabilitation with eligible patients prior to discharge.	20%	41%	39%
General floor nurses at our hospital encourage our eligible patients to attend cardiac rehabilitation.	37%	32%	31%
Hospital administrators support cardiac rehabilitation with adequate resources.	12%	25%	64%

Reminder Phone Calls after Discharge

- 83%
 - 22%
 - 61%
 - 32%
 - 64%
- 21 ± 23
- ❖ Reminder phone calls
 - Some
 - All their patients
- ❖ Who makes these phone calls?
 - Secretary/Clerical
 - Nurse/Exercise physiologist
- ❖ Phone call length (min)

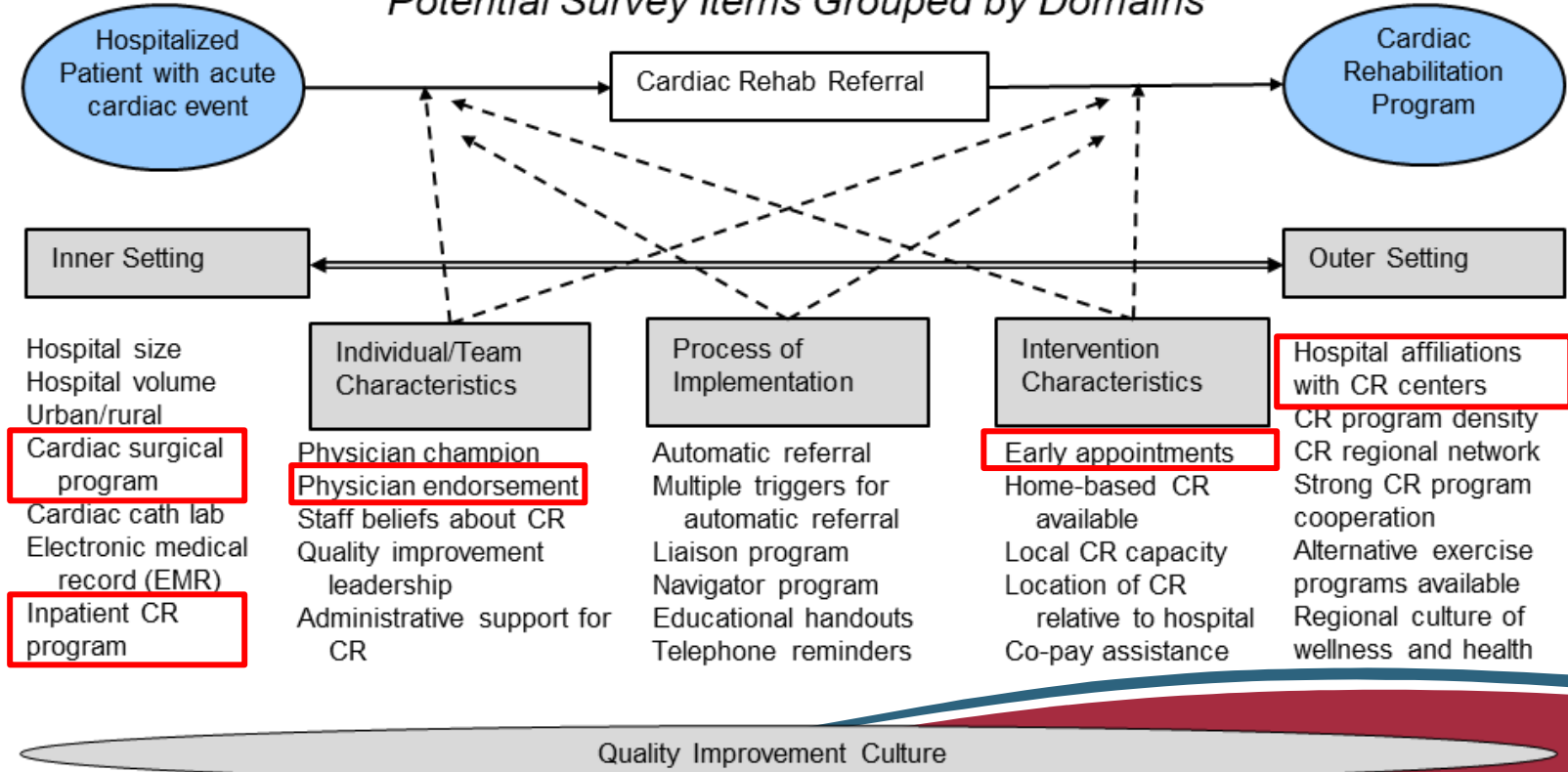
Requirements prior to Enrollment

- 8%
 - ❖ Exercise testing prior to CR
- 41%
 - ❖ Post-hospital f/u physician visits prior to CR
 - ❖ Time policies prior to CR
 - 40%
 - >2 weeks wait time for PCI
 - 56%
 - >4 weeks wait time for CABG/valve

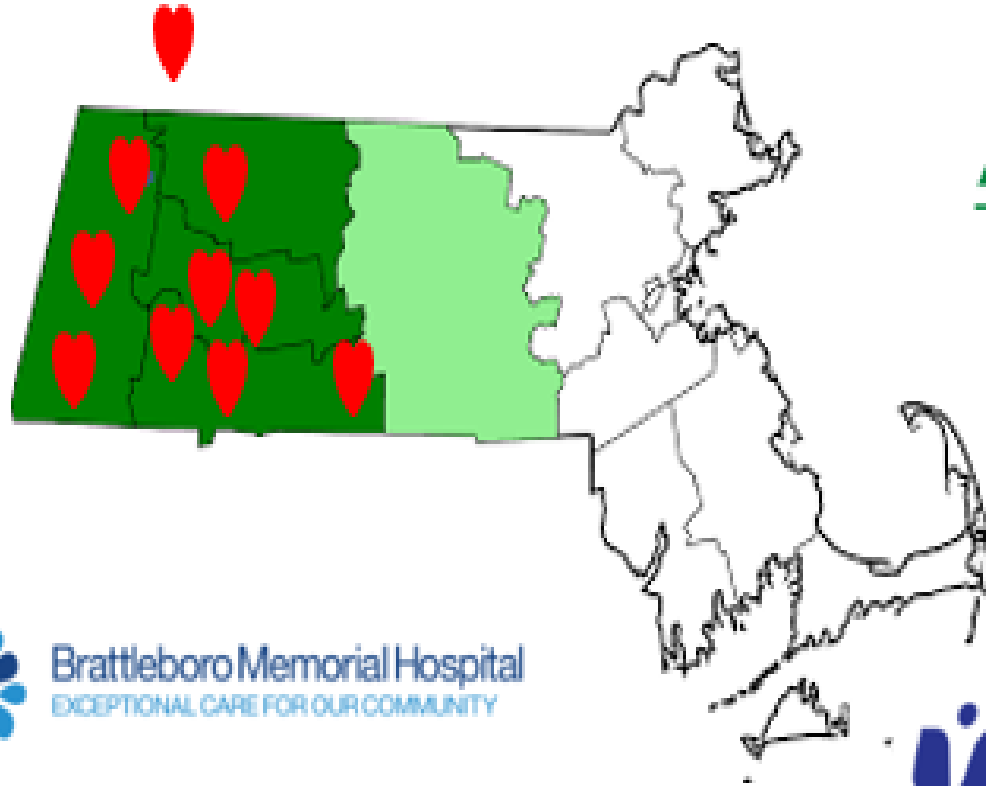
K23 – Conceptual Model - CFIR

Figure 3. Cardiac Rehabilitation Contextual Factors, Facilitators, and Strategies

Potential Survey Items Grouped by Domains



Regional Network – Cardiac Rehab Referral



Berkshire
Health Systems



Baystate
Health



Mass General Brigham
Cooley Dickinson Hospital



Building healthy communities

HOLYOKE HEALTH



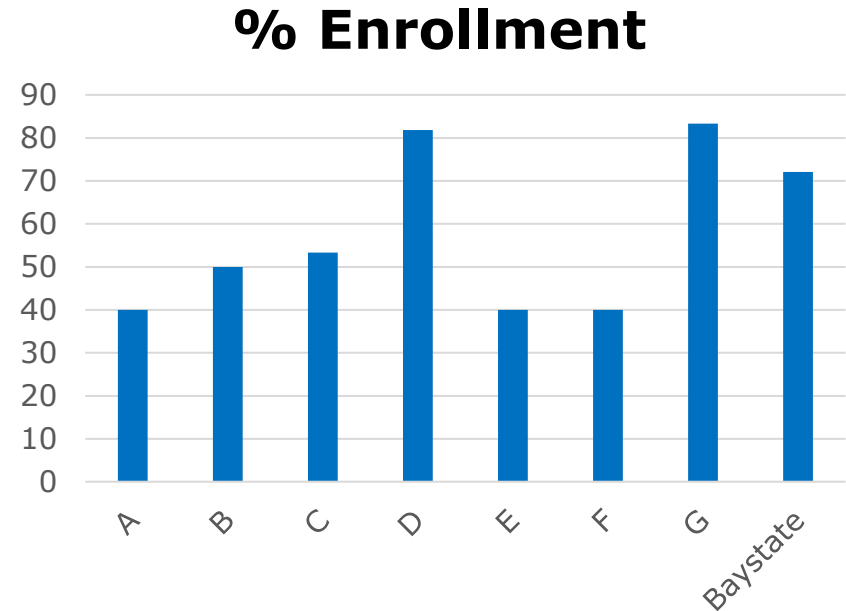
Brattleboro Memorial Hospital
EXCEPTIONAL CARE FOR OUR COMMUNITY



UMass Memorial Health
HARRINGTON

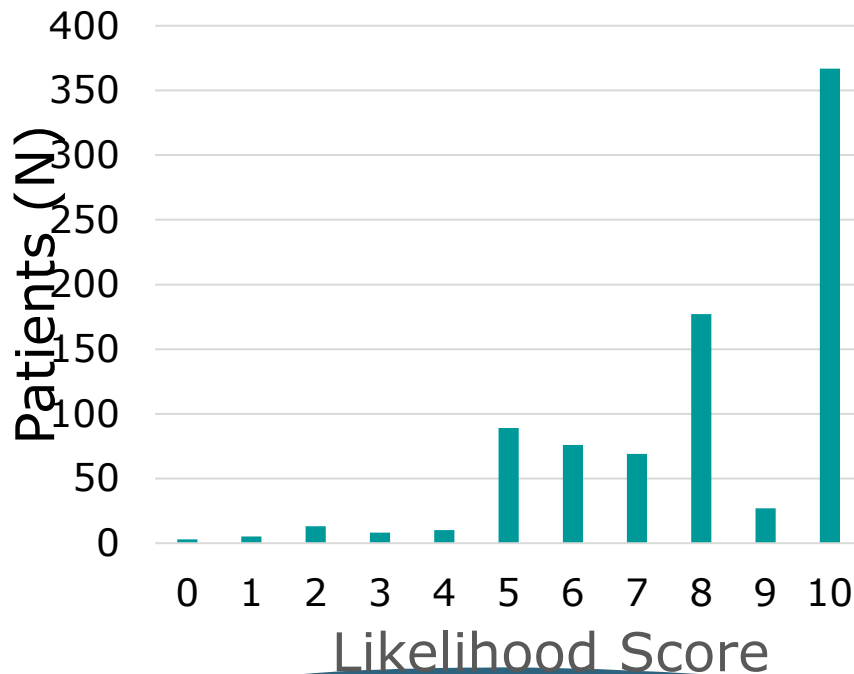
Baystate Enrollment Rates

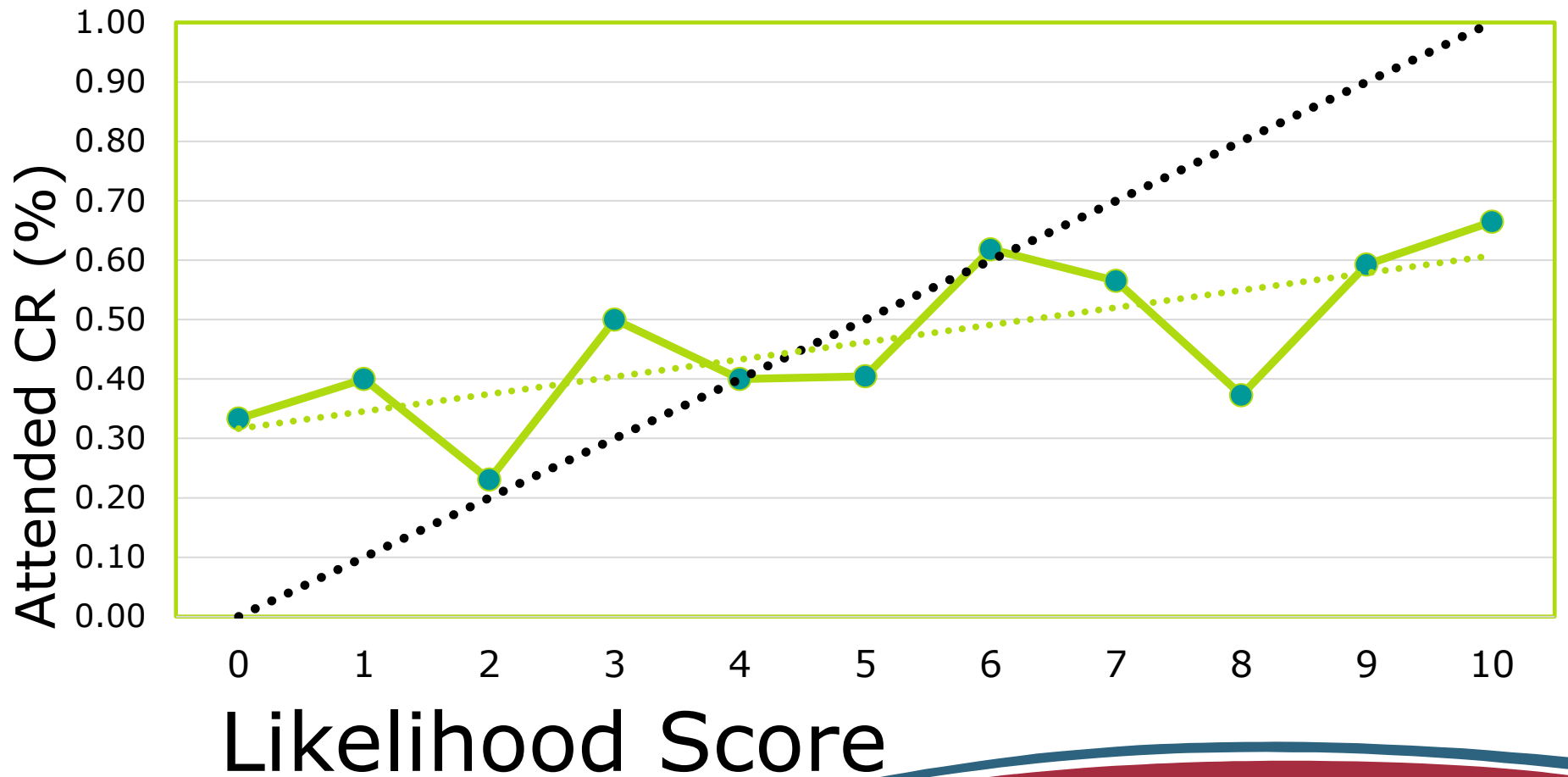
- ❖ March/April 2021
- ❖ Called our regional partners
 - Asked about enrollment
 - 1 center refused to participate
- ❖ 277 patients referred
 - 172 enrolled
 - 60% enrollment
 - Did not include patients who refused referral in the hospital
- ❖ Discovered lots of gaps!



Likelihood Score

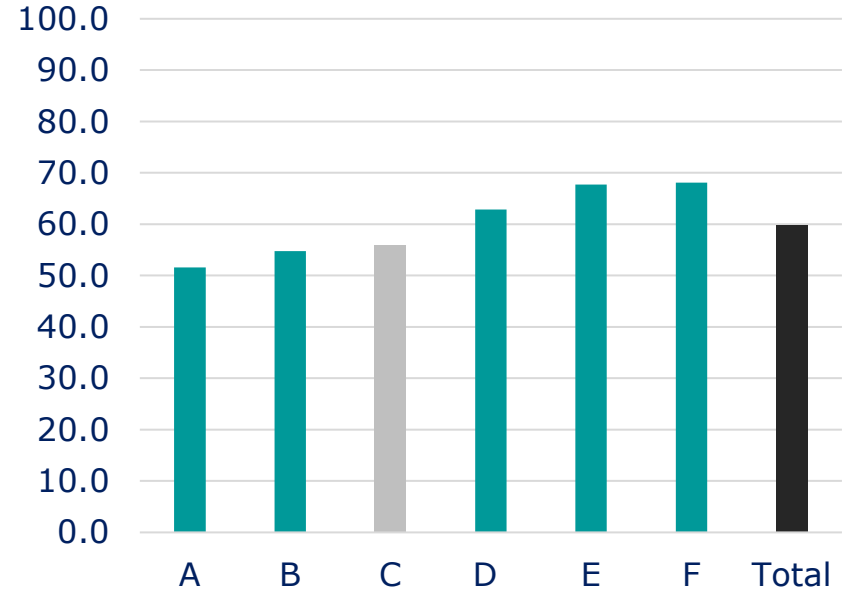
- ❖ Median likelihood score 8 (IQR 7, 10)
 - Staff ranged from 6.9 to 8.8
- ❖ Each additional point was associated with higher odds of attendance
 - OR 1.2 (95% CI 1.1 to 1.3)
 - $p < 0.001$
- ❖ Poor discrimination
 - C-statistic 0.59





Staff Members Effect at Baystate

- ❖ Summer/Fall 2021
 - 11 staff members
- ❖ Large variations
 - 18% difference between best - worst staff member, $p = 0.04$
- ❖ Ability to predict enrollment varied significantly between staff
 - Individual C-statistic (ROC) ranged from 0.49 to 0.67



*C = Combined 6 staff members with typically ~10 patients each

Staff Member Shadowing

Staff Member E

- ❖ Asked lots of questions
 - Assessed patient understanding of disease
 - Assessed risk factors, exercise history
 - Personal hobbies, goals
 - “Meet them where they are at”
- ❖ Explained CAD as a progressive disease
- ❖ “I will refer you and make an appointment”
 - Could be changed if needed
- ❖ Improved patient experience
 - Got water, chair, pillow; helped get changed into clean gown; assisted nursing

Staff Member F

- ❖ Assessed knowledge and lifestyle habits
- ❖ Asked questions:
 - “Do you think you’re going to go?”
 - “Do you have any questions?”
 - Addressed family questions/needs
- ❖ Specific statements
 - “No cure for CAD”
 - CR is “part of your recovery”
- ❖ Assured appointment for everyone
 - Still sends referral if patient uncertain
- ❖ Patient experience champion
 - Gentle, direct, calm manner, eye contact

Cardiac Rehabilitation (CR) “Leaky Pipe”

Patient Discharged + Eligible for Cardiac Rehab



Attend CR Orientation



Attend 36 sessions of CR



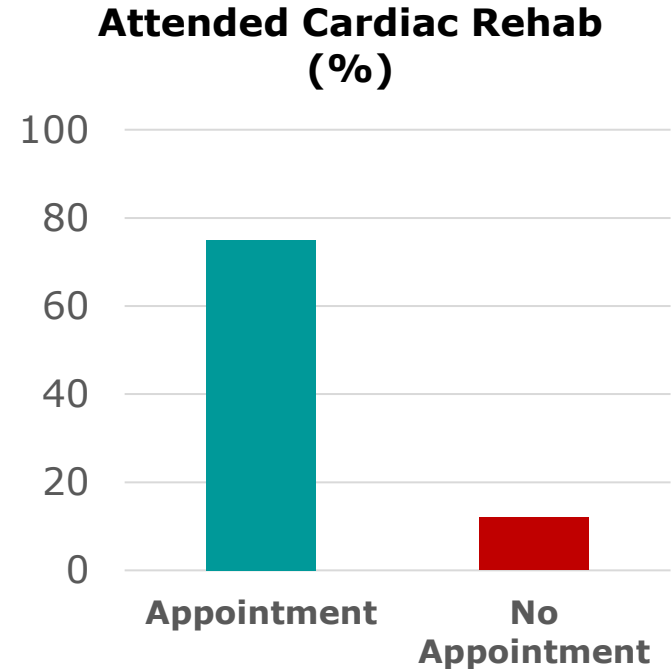
Decline in Hospital

No Show to CR orientation

Drop out after a few sessions of CR

Appointments Prior to Discharge

- ❖ February - April 2019
- ❖ Chart Review (not randomized)
 - Referred to Baystate CR program
 - Appointment prior to discharge (yes/no)
- ❖ 229 patients
 - 171 (75%) appointment
 - 160 (70%) attended CR
- ❖ OR **61** (24 to 156), $p < 0.001$



Patients who Decline CR

- ❖ April –June 2023
- ❖ 675 patients
 - 551 accepted an appointment
 - 124 declined
- ❖ Called all who declined
 - Reached 72 (58%)
 - 5-minute conversation
- ❖ Of the 72 we reached:
 - 33 (45%) were interested
 - 8 were already in CR
 - 25 changed their mind and were interested. **Referrals sent!**
 - 39 (55%) declined again
 - 20 (50%) cited a different reason than in the hospital to decline CR

Patients who No Show

- ❖ October-June 2023
- ❖ 576 scheduled an appt.
 - In-hospital appointment
 - Reminder mailing
 - Portal message
 - Phone call reminders (x2)
- ❖ 44 (8%) no-showed
 - 80% re-scheduled
 - Only 3 patients eventually attended a single session
- ❖ Patients who no-showed:
 - Younger (55 vs 66 yrs.)
 - Puerto Rican (45% vs 16%)
 - Single (65% vs 35%)
 - Language/Hearing impairment (14% vs 5%)

Two Recent Strategies

Phase 1.5 mobile App

- ❖ Presented at Beginning Investigator Award yesterday
- ❖ Phone App
 - Education mini-lessons, exercise diary, chat board
 - 15-minute start-up needed
- ❖ 34 patients
 - 20 accepted (57% accept)
 - Engagement was modest
 - Usability was high
 - 75% vs 33% enrollment for refused group

Family Intervention

- ❖ Inspired by COVID visiting restrictions
- ❖ Medical student called family members of every patient
- ❖ 10± 5 minutes intervention to encourage family member's support
- ❖ 223 patients
 - 63 control = 40% enrolled
 - 47 refused = 34% enrolled
 - 113 intervention = 62% enrolled

Improving Participation in PR through Peer Support and Storytelling



IMPRESS COPD

- ❖ Hybrid Implementation-Effectiveness trial to answer whether
 - Telephonic Peer Support
 - Video narratives (aka Storytelling)
- ❖ Targeting a population of patients
 - With COPD who have been referred to Pulmonary Rehabilitation after an exacerbation
- ❖ Leads to
 - Higher degree of participation in PR within 6 months of enrollment compared to enhanced usual care alone



Baystate  Health

 UMass Chan
MEDICAL SCHOOL

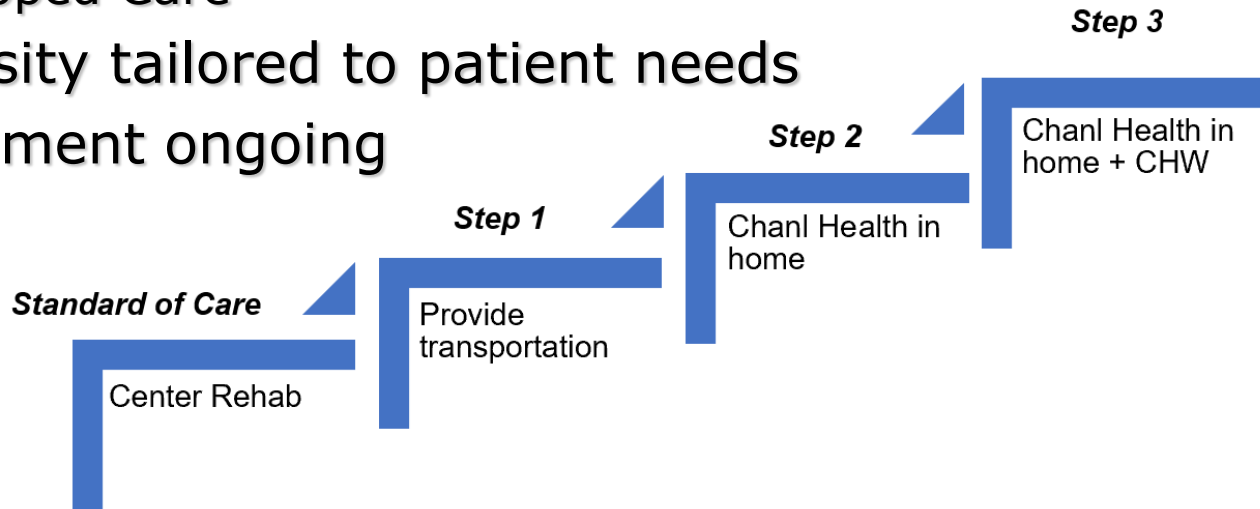


NHLBI R61-R33 (HL157847)

Baystate  Heart & Vascular Program

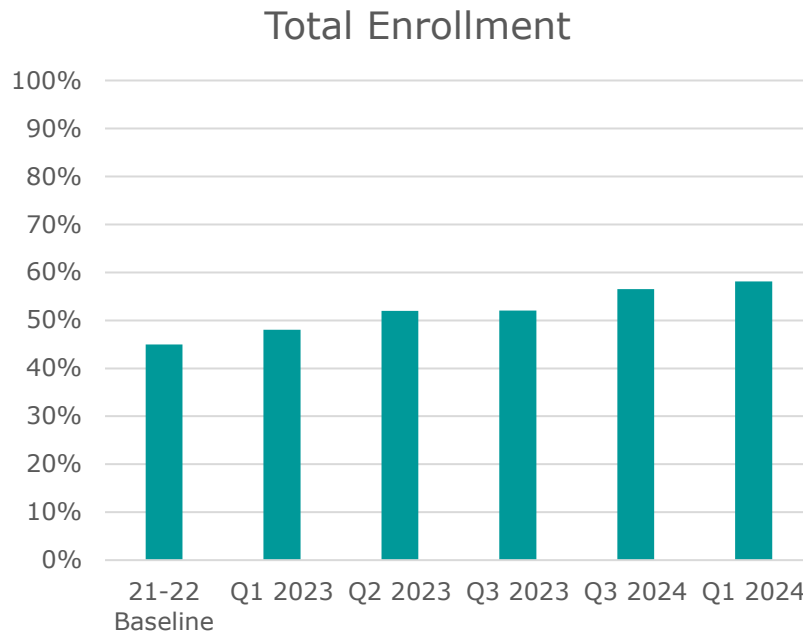
Stepped Care for CR and PR

- ❖ Berkshire Medical Center
- ❖ 120 patients randomized to:
 - Usual Care
 - Stepped Care
- ❖ Intensity tailored to patient needs
- ❖ Enrollment ongoing

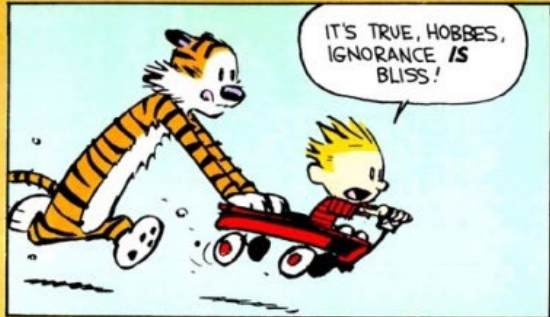


Continued Improvement With a Long Way to Go!

- ❖ 9 Regional Centers
- ❖ All patients seen by Phase 1 CR over 15 months
- ❖ 2,919 patients
 - 576 declined (19.7%)
- ❖ Enrollment increased from ~45% → 58%
- ❖ This puts Baystate in top ~10% of hospitals
- ❖ This is a lot of work!



calvin and Hobbes



Thank you!

Quinn.PackMD@baystatehealth.org

2024 Legislative Updates

- **Jenna Scott, BS, ACSM-CEP, EIM**
MSCVPR – Treasurer / HPR co-chair
- **Gregory Scharf, BS, CEP, CCRP**
MyMichigan Health CardioPulmonary Rehab
System Manager



- No Disclosures

Sustainable Cardiopulmonary Rehabilitation Services in the Home Act H.R. 1406 / S. 3021

- Permanently allowing Medicare patients to receive cardiopulmonary rehabilitation services via virtual telecommunications technology (real-time, audio video) in the beneficiary's home.
- Virtual direct supervision would be allowed through two-way audio-visual communications technology.

H.R. 1406 / S. 3021

- The PHE expired on May 11, 2023, and virtual delivery of CRPR services in the hospital setting also ceased. Congress, through passage of the Consolidated Appropriations Act, 2023, ensured that patients maintain access to virtual “telehealth” CRPR services through December 31, 2024. However, this telehealth extension only services provided in physician offices, which represents less than 5% of programs.

SOS: Sustaining Outpatient Services Act

H.R. 955 / S. 1849

- Improve Medicare beneficiary access to certain hospital outpatient department (HOPD) services, including CRPR, by providing an exception to the current Medicare payment for certain off-campus outpatient department services when payments to physician specialists (under the Medicare physician fee schedule) did not exceed \$2 million during the previous year.

H.R. 955 / S. 1849

- Medicare payment for services often differs based on the location where the service is furnished. Services provided in a physician office are paid differently from services provided in a hospital outpatient department (HOPD). Both Congress and the Centers for Medicare and Medicaid Services (CMS) recognized that this differential payment was creating strong incentives for some to game the system. In other words, some hospitals were buying practices and enrolling them in the Medicare program not as a physician office but as a provider-based department of an outpatient hospital resulting in the ability to submit a facility-level claim to Medicare for the same service that had been previously billed only as a physician office service.

Limitations of status quo

- Limited patient access due to impractical distances/drive times from a medical center
- Requires programs in higher population areas to serve an increasing number of patients within no ability to increase or expand services to more patient focused off-campus locations
- Off-site locations challenges to meet supervision requirements
- When programs are already at capacity, growth initiatives can actually impact them negatively by increasing wait times, increasing patient to staff ratios, decreased individualized care/safety
- Program start ups and expansion require upfront capital and with reduced reimbursements creates a diminished return on investment and additional years until programs become profitable.
- Expansion in medical centers – limited space, lose out to services with higher revenue or inpatient based services.

How much longer can we sustain status quo?

- Million Hearts®, set a national goal of 70% participation in CR for eligible patients
- It is estimated that the current capacities of CR programs can only handle 30-40%
- Meeting this target would mean doubling the number of patients

Day on the Hill (DOTH)

- March 4-5, 2024
 - Met with 11 state legislators
 - Follow-ups to be scheduled for April
 - Looking for programs/patients willing to:
 - Join MSCVPR on virtual follow ups
 - Meet with your representatives
 - Host on-site visit
 - If you are interested in DOTD now is the time to get involved for upcoming years!



Taking Action!

- Ways to connect with your representative
 - Letter
 - Call
 - Meeting
 - Virtual
 - Upcoming MSCVPR Follow-Up virtual meetings
 - Request for in-person on-site

- Staff
- Patients
 - Share with patient at discharge
- Clinical Care Team
 - Providers
 - Nursing staff
- Hospital Leadership

Tools/Resources/Examples

- Hospital teams that might be able to support
 - Leadership
 - Marketing
 - Physician liaison
 - Legislative advocacy representative

Advocating for Access: MiCR's Push for CR Legislation - Michigan Cardiac Rehab Network (michigancr.org)



The screenshot shows a webpage from the Michigan Cardiac Rehab Network. At the top left is the logo, which consists of a stylized heart with a pulse line and the text 'MICHIGAN CARDIAC REHAB NETWORK'. To the right of the logo is a navigation menu with links for 'Providers', 'Patients', 'About Us', 'Events', and 'Resource Library'. The main heading of the article is 'Advocating for Access: MiCR's Push for CR Legislation', followed by the author 'by Mary Casey | Apr 2, 2024 | News and Updates, Uncategorized'. The article text states that the MiCR Network has partnered with MSCVPR's Health Policy & Reimbursement Committee to support two legislative bills: HR955/S-849 and HR 1406/S. 3021. It lists five partner organizations: BMC2, HBOM, MISHC, MSTCVS-QC, and MVC. A photograph of the Michigan State Capitol building is shown to the right of the text. At the bottom of the article is a grey call-to-action box with the text 'Want to get Involved?' and a 'Click Here' button.

MICHIGAN CARDIAC REHAB NETWORK

Providers Patients About Us Events Resource Library

Advocating for Access: MiCR's Push for CR Legislation

by Mary Casey | Apr 2, 2024 | News and Updates, Uncategorized

The MiCR Network has partnered with MSCVPR's Health Policy & Reimbursement Committee to initiate an advocacy effort in support of two legislative bills aimed at improving access to cardiac rehabilitation: **HR955/S-849** and **HR 1406/S. 3021**. MiCR leadership has issued a letter in support of the two bills, which was co-signed by our partner organizations:

- BMC2
- Healthy Behavior Optimization for Michigan Medicine (HBOM)
- Michigan Structural Heart Consortium (MISHC)
- Michigan Society of Thoracic and Cardiovascular Surgeons Quality Collaborative (MSTCVS-QC)
- Michigan Value Collaborative (MVC)

To read MiCR's letter of support, click [here](#). We welcome other organizations to join us in supporting this important legislation. Download the [CR Legislative Advocacy Packet](#) to learn more.

Want to get Involved?

Click below to download our [CR Legislative Advocacy Packet](#) for resources to help you or your site's leadership support this important legislation.

[Click Here](#)

<https://michigancr.org/wp-content/uploads/2024/04/CR-Legislative-Advocacy-Packet.pdf>

Template-CR-Legislative-Support-Letter

[Add your organization's letterhead]

[Representative's Name]
[Address Line 1]
[Address Line 2]
[City, State, Zip Code]

[Date]

Dear [Representative's Name]

[Introduction paragraph describing your organization and explaining your role in cardiac rehab care delivery]

Unfortunately, many CR programs are currently operating at capacity, resulting in excessively long waiting lists for patients. Under the current policy, CR centers are unable to expand to off campus locations without a 60% reduction to CMS reimbursement, thus adding to space constraints and patient wait lists. Additionally, the Consolidated Appropriations Act that extended CMS reimbursement for virtual (real-time audio/visual) CR services expired December 31, 2023, as CR does not fall under CMS telehealth services. Studies have found hybrid and virtual CR to be equivalent alternative to in-person CR¹, and eliminating the option of telehealth has left patients who live in rural communities or rehab deserts, or face transportation barriers, without access to this important treatment.

We are writing to request your support for HR 655/S. 1849 and HR 1406/S. 3021, two legislative bills that address these challenges and aim to increase rehab capacity, reduce wait times, and allow for flexibility in care delivery to meet the unique needs of our patients²:

HR655/ S. 1849

- Allow hospital-based CR programs to be reimbursed at the same rate on and off the main hospital campus.
 - Ensure CR accessibility by incentivizing investments into expanded or new physical spaces that could mitigate current capacity shortages.
- HR 1406/S. 3021**
- Permanently extend Medicare reimbursement for virtual CR, which was allowed due to the COVID-19 pandemic but expired December 31, 2023.
 - Permanently extend Medicare regulations for virtual (real-time audio/visual) CR physician supervision, which was allowed due to COVID-19 and is due to expire December 31, 2024.
 - Allow facilities to expand capacity through virtual CR access without requiring additional capital investments in new facilities and providing flexibility to patients with geographic or social barriers to participation.

[Your organization's name] supports the passage of HR 655/S. 1849 and HR 1406/S. 3021 and urges you to consider the merits of these bills and vote in their favor.

Kind regards,

[Add signature(s)]

¹ Ganeshan S, Jackson H, Grandis DJ, et al. Clinical outcomes and qualitative perceptions of in-person, hybrid, and virtual cardiac rehabilitation. *Journal of Cardiopulmonary Rehabilitation and Prevention*. 2022;42(5):339-346. doi:10.1097/HCR.0000000000000688

² Pecterman H, Brown TK, Kellejian GJ, Thompson MP. A bipartisan path for Congress to expand cardiac rehabilitation capacity and access. *Health Affairs*. Forthcoming. October 2023. doi:10.1377/forefront.120231023.918

March 25, 2024

Dear Colleague,

As a referring cardiologist and advocate for Cardiac Rehabilitation, I am encouraging your support for legislative bills H.R. 955 / S.1849 - Sustaining Outpatient Services Act and H.R. 1406 / S. 3021 - Sustainable Cardiopulmonary Rehabilitation Services in the Home Act.

Cardiac Rehab was included in Section 603 of the BBA of 2015 which resulted in a 60 percent reimbursement reduction for Cardiac Rehab services not provided within the boundaries of a Medical Center/Hospital. CMS has acknowledged this was an unintended consequence and H.R. 955 will allow low-reimbursed services including Cardiac Rehab to return to be reimbursed under OPPS rates. H.R. 1406 provides the opportunity for Cardiac Rehab to utilize virtual (real-time, audio/visual) technology to improve patient access. This bill will allow patients to receive Cardiac Rehab services via virtual services and it will allow for virtual supervision to be provided by physician, physician assistant, or nurse practitioner.

Cardiac Rehab is a Class 1a indication (strong recommendation), with evidence demonstrating a reduced cardiac mortality by > 25 percent. Currently less than 50 percent of the eligible patients in the State of Michigan attend just one session of Cardiac Rehab. Cardiac Rehab is a recurring service with 18-36 appointments over the course of 9-12 weeks. Without appropriate access to Cardiac Rehab we cannot expect these patients to endure long wait times and/or long travel times/distances that this limited access creates. Many patients live > 50 miles (or in urban areas > 30 mins) to the closest Cardiac Rehab facility.

Without a sustainable pathway to expand Cardiac Rehab services patients will continue to experience access issues and participation rates will remain low, thus negatively impacting patient outcomes in the patients we serve.

Your support of these bills will have a positive impact on improving access to Cardiac Rehab and patient outcomes after a cardiac event or procedure for those in your communities.

Thank you for your time and support,

William Felten, M.D., F.A.C.C.
 Cardiovascular Service Line Chief
 Interventional Cardiology

Support for Legislative Bills HR 955/S. 1849 and HR 1406/S. 3021

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Take Action: Ask your U.S. Senators to support S. 1849 and S. 3021

S. 1849, SO's: Sustaining Outpatient Services Act

This bill will exempt certain hospital outpatient services, including cardiac, intensive cardiac, and pulmonary rehabilitation (CR, ICR, PR) from a drastic reimbursement reduction that is based solely on the location of the hospital outpatient service. The Sustaining Outpatient Services Act mandates that Medicare payment for hospital-based CR/ICR/PR services remain under the outpatient payment rate. The 60% reduction in reimbursement for off-campus CR/ICR/PR is unsustainable, and yet these services are underutilized and are encouraged to expand to treat more beneficiaries than is physically possible. This legislative correction will remove the financial barrier to expanded patient access to these beneficial services.

S. 3021, Sustainable Cardiopulmonary Rehabilitation Services in the Home Act

This bill will allow Medicare beneficiaries to receive CR/ICR/PR services via real-time, audio/visual communication from their home. This hybrid delivery of hospital-based CR/ICR/PR services was effective during the pandemic and allowed more patients to receive these beneficial treatments. Beneficiaries who are rural or located in an area without a brick-and-mortar program, without transportation or the financial means to travel to a center, and other barriers to participation in a CR/ICR/PR program demonstrated comparable benefits to those in center-based programs.

Want to help?

Join fellow practitioners in your state to advocate for CR/ICR/PR services. Your federal legislators need to hear this message directly from you, so that they will join in to support these bills. AACVPR has made it easy. Anyone, including rehab staff members, physicians, hospital administrators, and grateful patients can be an advocate. To contact your legislator, simply fill out your information, and you will be connected directly to your two U.S. Senators with a pre-populated message to send. Just two minutes and one letter could make a huge difference!

Send an email to your officials with one click!

Title

Full Name

Address

Zip city and state not required

Phone

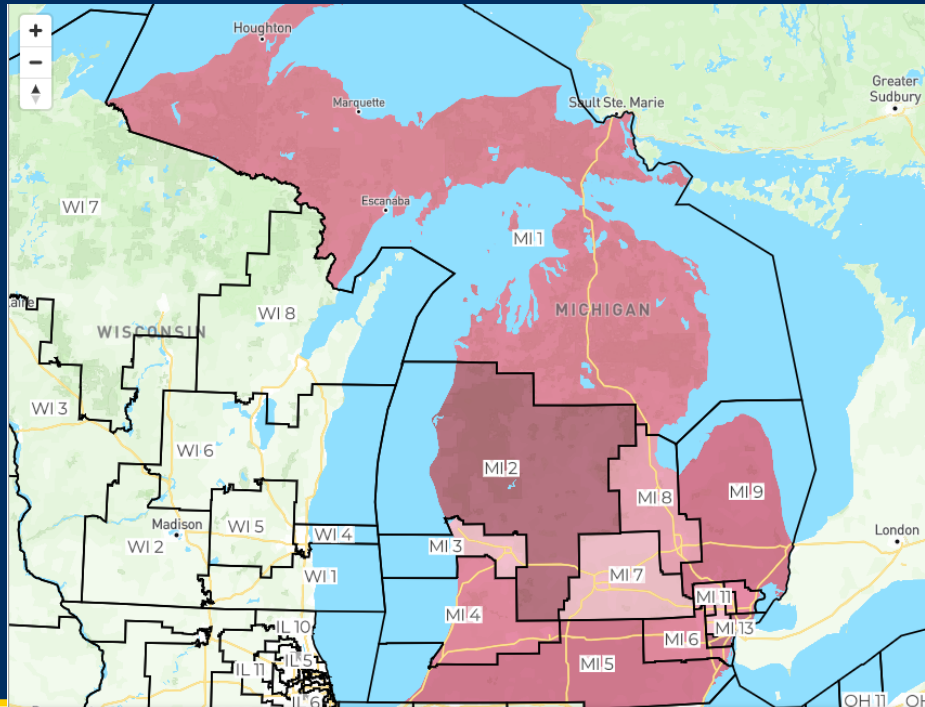
Email

Send Email

Subject: Improve patient access to cardiopulmonary rehabilitation by supporting S. 1849 and S. 3021

As a constituent and advocate for cardiopulmonary rehabilitation, I am asking you to support S. 1849 and S. 3021. These bills are critically important to cardiac and pulmonary rehabilitation programs in our state as we strive to improve access for a growing number of patients who benefit greatly from receiving these services.

MSCVPR_118th-US-MI-Congress-Senate-Contact-List





Announcement

CR Utilization Quality Improvement Award



Up to \$5,000 available for innovative proposals



Application due May 10th



Eligibility, requirements, and application instructions available at www.michigancr.org



Next Steps

- Follow-up items
- MiCR cardiac rehab interactive registry reports coming this month
 - May 22, 12-1pm: MVC webinar to demo new CR reports
 - Request MVC registry access for your hospital's patients from michiganvalue.org
- Summer virtual meeting – save the date coming soon





Thank you!