



BMC2

NEWS

September 2021

The Newsletter of the Blue Cross Blue Shield of Michigan Cardiovascular Consortium

A Note from Peter Henke

BMC2 is celebrating 25 years in 2021. We continue to make great strides in improving patient outcomes. Look for an infographic in this issue that highlights just some of our many successes.

Our achievements recently caught the attention of the Blue Cross Blue Shield of Michigan Value Partnerships program and were featured in their blog. Read on for a link to the story and learn how a BMC2 initiative led to improved rates of referral to cardiac rehab programs. We also recently published the long-term clinical impacts of the vascular surgical collaborative. The state-wide collaborative and incentivized meetings resulted in improvements in adherence to best practice guidelines across the participating hospitals, improving patient outcomes.

I'm excited to share that BMC2 PCI has launched a Patient Advisory Council. The Council will engage patients as our partners in identifying ways we can further improve quality. Read our feature story to learn about patient Lisa Cardillo, and the objectives of the council. There is still room on the committee if you have a patient to refer.

THANKS for all you do each day to make BMC2 successful in positively impacting the lives of patients.



Spotlight - Patient Advisory Council



Lisa Cardillo was just 36 years old when she experienced a spontaneous coronary artery dissection, cardiac arrest, cardiogenic shock, and heart failure. She was put into a medically induced coma at Spectrum Butterworth Hospital in Grand Rapids.

Lisa spent the first 96 hours of her care on life support, with the medical staff taking care of her every need. "As a patient, this had a profound impact on me," she says. "These medical professionals were just doing their jobs but to me and my family, they are angels. I owe my life to them."

The physical recovery was hard, but Lisa says the mental recovery was even more difficult. This is one piece of insight that might help BMC2 improve care, as Lisa and 6 other patients who have undergone PCI procedures join to form the first BMC2 Patient Advisory Council (PAC).

Research shows that patient engagement can lead to reduced hospital admissions. It can also improve the effectiveness, relevance, efficiency, and quality of health services. By engaging patients in BMC2 quality improvement initiatives, we can improve the quality of PCI care in the State of Michigan.

Spotlight - Patient Advisory Council continued

Members of the council will meet quarterly to advise on tools to help improve patient care and safety. They will attend BMC2 meetings and share their feedback. They might also advise on how and when BMC2 should communicate with patients. They will work to identify gaps in patients' PCI care management and communication with health care providers. The goal is to engage patients early, before decisions are made, working toward patient-partnered care and mutual learning.

The participation of members of the PAC is voluntary, and patients receive compensation for their time. The first project for which patients will provide feedback aims to improve how physicians discuss risks with patients when making the decision to undergo elective PCI.

Lisa Cardillo hopes that sharing her insight as a patient will help those who care for patients, treat patients, and make policies that affect patients. "What better way to learn," she asks, "than from someone who has experienced things first-hand!"

Faculty Spotlight - Ryan Madder



BMC2 is pleased to announce that Dr. Ryan Madder will be joining the coordinating center as a Strategic Advisor. The Strategic Advisor will meet with other leaders on a tri-annual basis to discuss priorities for BMC2, including strategic direction of the organization, consortium-wide meeting goals and topics, peer review goals and topics, annual incentive goals, new reporting opportunities, new initiatives, and others.

Dr. Madder currently serves as the Medical Director of the Cath Lab and Section Chief of Interventional Cardiology at Spectrum Health where he has practiced interventional cardiology for 10 years. A native of Pittsburgh, Pennsylvania, Dr. Madder attended the University of Pittsburgh Medical School. He then completed his residency in Internal Medicine at Washington University in St. Louis and fellowships in cardiovascular medicine and interventional cardiology at Beaumont Hospital in Royal Oak. Dr. Madder's research interests include intracoronary imaging with a focus on near-infrared spectroscopy, radiation safety in the cath lab, and robotic PCI.

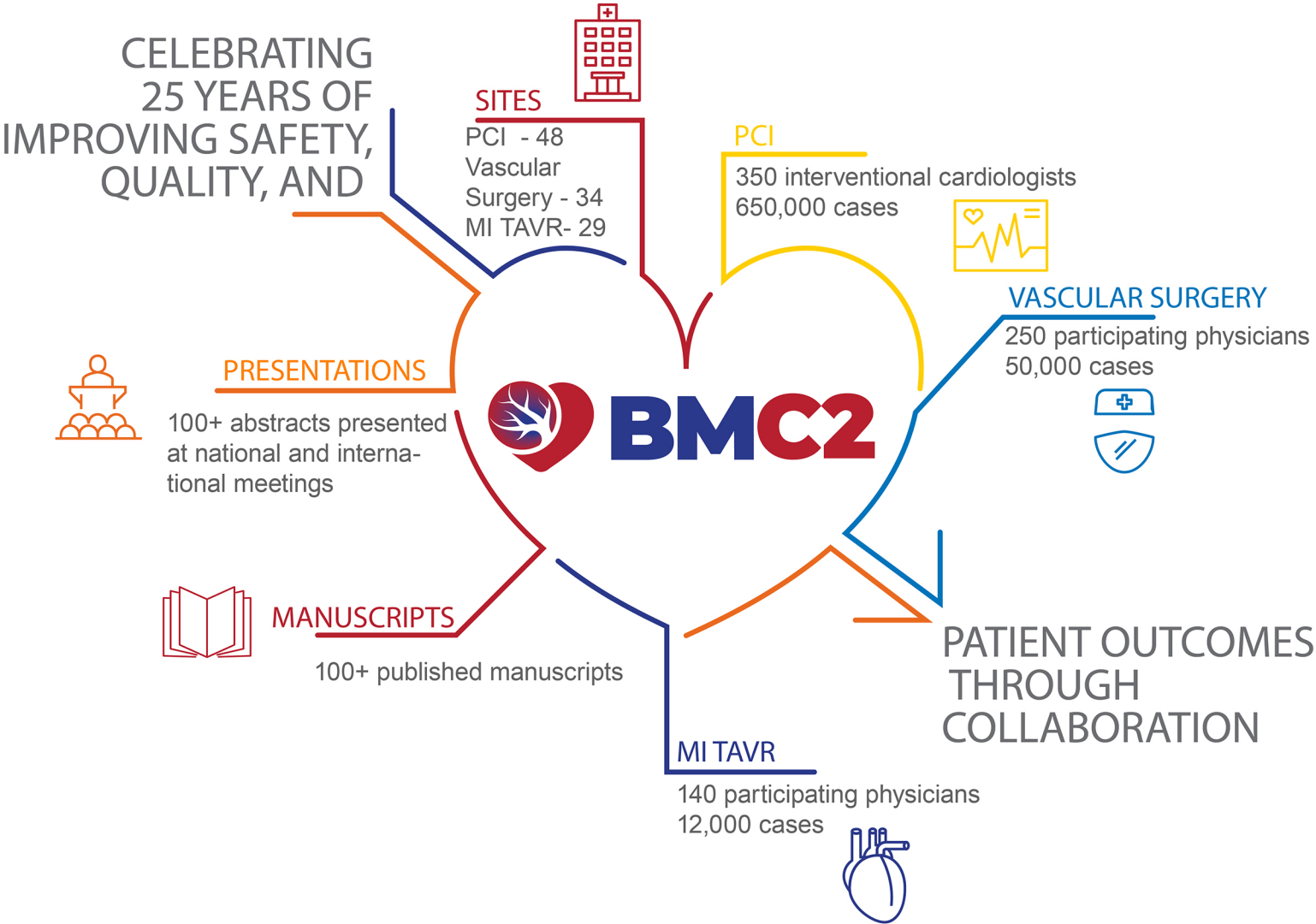
Dr. Madder has demonstrated dedication and commitment to improving care quality and outcomes through his engagement with BMC2. More deeply engaging him in BMC2 strategic planning will strengthen the organization and benefit all consortium members.

Welcome New Coordinators

VS - Chuck Hyde, RN - Mercy St. Mary's Grand Rapids
Erika Stephens, RN - Ascension St. John Hospital

BMC2's 25th Anniversary

We're celebrating 25 years of BMC2 advancing and improving outcomes in patient care. Check out this infographic highlighting our work.



BMC2 In the News/Publications



A BMC2 initiative increased referrals to cardiac rehab from 64.8% to 90.7%. Read how in the BCBSM Value Partnerships' blog post [“To Improve Outcomes for Patients After Angioplasty, this Initiative Got More Patients Into Cardiac Rehab Programs.”](#)

A new “on-line first” publication in the *Journal of Vascular Surgery* uses BMC2 Vascular Surgery data to describe the positive impact of participating in a statewide quality collaborative. This is an excellent data-driven demonstration of the power of CQIs. Read [“A Statewide Quality Improvement Collaborative Significantly Improves Quality Metric Adherence and Physician Engagement in Vascular Surgery”](#) in the *Journal of Vascular Surgery*.

National Meetings

Craig Brown presented “Assessment of Determinants of Value in Carotid Endarterectomy” at Midwestern Vascular 2021 on Saturday, September 11th. Thanks to co-authors Nicholas Osborne, Michael Kemp, Ahmad Hider, Caleb Scheidel, Jeremy Albright, and Peter Henke. The study concluded that there is tremendous variation in both quality and payments across hospitals included for CEA. There appears to be little to no relationship between total episode spending and surgical quality, suggesting that improvements in value may be possible by decreasing total episode cost without affecting surgical outcomes.



**MIDWESTERN
VASCULAR**
SURGICAL SOCIETY

Chinmayee Potti presented “Single-state Trans-carotid Artery Revascularization (TCAR) Experience: Outcomes and Impact Upon Carotid Procedural and Operative Outcomes” at Midwestern Vascular 2021 on Saturday, September 11th. Thanks to co-authors Farah H. Mohamad, Loay Kabbani, Peter Henke, Michael Battaglia, Nicolas Mouawad, Nick Osborne, Matt Corriere, and Timothy Nypaver. This study concluded that TCAR is a safe means of carotid revascularization and is becoming an increasingly utilized method. In this single-state experience, TCAR compares favorably with CEA while non-TCAR CAS may be less appealing due to its higher neurologic event rate.

New Website Tips

Looking for a BMC2 Best Practice Protocol? A complete list, with links, can be found on the BMC2 website. Visit “Quality Improvement” and then click on “Learn about best practices” under the Best Practices heading. You’ll find a list with Best Practice Protocols for Vascular Access, Post-PCI Medical Management, and more.

BMC2 Meeting Summaries

The PCI Coordinator Meeting was held on September 9th. Jessica Hollister from McLaren Greater Lansing presented their QI Project: Pre PCI Hydration in patients with eGFR<60. The site's pre and post hydration for 2019 was at 14.9% and they were able to increase their pre hydration rate to 55% in 2020. They did this in part by providing a 16 oz plastic cup, branded with the McLaren logo at the cardiologist's office visit with instructions to drink a full cup the night before with dinner and again the morning of their procedure. Learn more about their tools for success by reviewing her Power-Point slides, available on our password-protected website.

Milan Seth presented "Risk Adjustment for Provider Profiling." Milan's presentation includes an outline of when risk adjustment is necessary, explains how risk/case-mix adjustments are performed, shares advantages of Random Forest, and more. His presentation is also available on the password-protected website.

Amy Shirato shared information on BMC2 Best Practice Protocols (BPPs). Current BPPs can be found on the website under "Quality Improvement". Future projects include acute kidney injury, timeout, bleeding events, and mechanical circulatory support.

Data Use Agreements (DUAs) will be updated to Participation Agreements. This modernization was recommended by our legal counsel, similar to DUAs for other CQIs. You should have received the DUA by email. Please coordinate the sharing of them with signatories at your hospital with your BMC2 VS counterparts.

The VS Coordinator Meeting was held on September 15th. New coordinators were welcomed and carotid artery stenting case studies were presented. DUA information, as described above, was shared.

BMC2 is developing a new database to improve security and functionality. Beta testing will begin in October, user access set up will take place in December and January, and site training will follow in January and February, for a planned go-live date in March 2022. More information will be forthcoming as it is available.

A reminder that the deadline for uploading 2021 QI Project Summary documents and 2022 QI Project Plan documents is December 1st.

The Patient Advisory Council Kick-Off Meeting was held on September 16th. We introduced the patients to BMC2 and heard a bit about each patient. We then shared the council objectives: incorporating the patient perspective into BMC2 activities to improve the effectiveness and relevance of quality improvement activities, and identifying gaps in patients' PCI care management and communication with health care providers.

The patients' first project will be giving feedback to improve the ways that patients and their physicians discuss the risks of PCI. Read more about the Patient Advisory Council in our feature article.

The PCI Physician Webinar was held on September 23rd. Dr. Devraj Sukul led a BMC2 data review on use of SGLT2 inhibitors. We welcomed Dr. Muthiah Vaduganathan who spoke about medical therapy for cardiology patients with SGLT2 inhibitors. The talk is available on the [BMC2 YouTube channel](#). Dr. David Sutter reviewed the new BMC2 CTO reports. Reports are available on [bmc2.org](#) and will be distributed annually. Please let the coordinating center know if you suggest any changes to these reports in 2022. Dr. Hitinder Gurm concluded the meeting with BMC2 updates. The cross-site deadline for Peer Review has been extended to October 1st. The internal review deadline is October 30th.

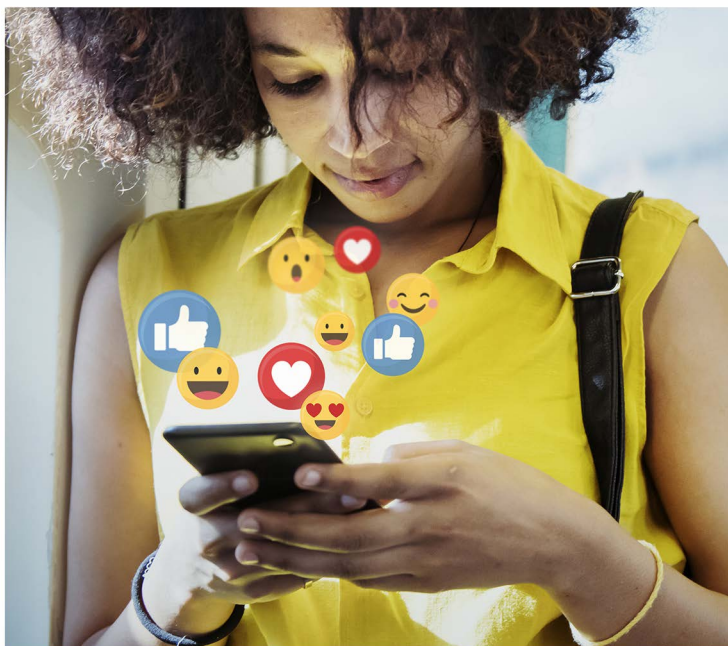
Upcoming Meetings

PCI Coordinator Meeting – October 14th, 2021
from 9 - 11 am. Details coming soon.

VS Coordinator Meeting – October 20th, 2021
from 11 am - 12 pm. Details coming soon.

BMC2 VS /Michigan Vascular Society Collaborative Meeting – November 4th from 1 pm - 5 pm,
now VIRTUAL

PCI Physician Meeting – November 18th, 2021
from 6 – 7:30 pm.



Join Us on Social Media

Follow us on [Twitter](#) and [YouTube](#) as well as [LinkedIn](#).



Call for Participation

Patient Engagement at BMC2

We are seeking additional patients that represent the diversity of our State to join the newly convened Patient Advisory Council. Can you recommend a patient to this group? There is no up-front commitment and patients will be compensated for their time.

We're looking for patients who:

- Have been an active participant in their care
- Ask thoughtful questions during appointments
- Are good listeners
- Would likely be confident to speak among a group of patients

If your hospital has an Office of Patient Experience, or other way to organize patient volunteers, it may be helpful to utilize it. When you approach potential patients, share that we want the Patient Advisory Council to help us improve the quality of care for PCI patients, and that activities may include the following:

- Quarterly teleconference or zoom meetings of the patient advisory council
- Attending BMC2 meetings as speakers/discussants
- Advising on tools to help improve care delivery

Send patient's name and contact info to Annemarie Forrest, avassalo@umich.edu; or Pam Benci, plf@umich.edu

Do you have something to share via our newsletter? We want to hear from you! Email Elizabeth Walker at ehorn@umich.edu.



BMC2

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Support for BMC2 is provided by Blue Cross and Blue Shield of Michigan and Blue Care Network as part of the BCBSM Value Partnerships program. Although Blue Cross Blue Shield of Michigan and BMC2 work collaboratively, the opinions, beliefs and viewpoints expressed by the author do not necessarily reflect the opinions, beliefs and viewpoints of BCBSM or any of its employees.