

March 5, 2019

Summary of Recent Results & Outcomes

The Coordinating Center Team would like to recognize and highlight the important strides made by the Collaborative in the past year. Notably, as shown below, Collaborative performance improved across ALL five MEDIC quality initiatives!

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MEDIC Quality Initiatives	2017	2018
Adult Minor Head Injury, CT Appropriateness (↑ = better)	40.6	46.8 ★
Pediatric Minor Head Injury, CT Overuse (↓ = better)	9.2	7.2 ★
Pediatric Minor Head Injury, Intermediate Risk CT Use (↓ = better)	22.6	14.8 ★
Adult CT for Suspected PE, Diagnostic Yield (↑ = better)	8.7	9.5 ★
Pediatric Respiratory Illnesses, CXR Use (↓ = better)	36.7	27.4 ★

Number of ED Visits Added to the MEDIC Registry Year-Over-Year

2016	2017	2018	TOTAL VISITS:
357,097	960,747	1,217,217	2,535,061

39 total completed 2019 intervention templates received from all MEDIC sites

15 adult HI templates

14 pediatric HI templates

6 pediatric CXR templates

4 adult PE templates

2019 PATHway Conditions by Site

Chest Pain

MidMichigan Medical Center

Munson Medical Center

University of Michigan Hospital

Congestive Heart Failure

Spectrum Lakeland Health

Holland Hospital

Hurley Medical Center

Atrial Fibrillation

St. Joseph Mercy Hospital-Ann Arbor

St. Joseph Mercy Hospital-Livingston

Syncope

Beaumont Hospital-Farmington Hills

Neurology Consults

Beaumont Troy & Royal Oak Adults

Bronchiolitis

DMC Children's Hospital of Michigan

Cellulitis & Dehydration

Beaumont Royal Oak & Troy Pediatrics

Cellulitis

Henry Ford Hospital-Detroit

PATHway Pending

DMC Sinai-Grace Hospital

DMC Detroit Receiving Hospital

DMC Huron Valley-Sinai Hospital

Directors' Column

We are excited and proud as we sit at the first quarter of 2019. The continuous quality improvement efforts by all of you are amazing. As we anticipate our upcoming collaborative wide meetings, and the community of emergency departments we are building together, we are humbled by your dedication to reaching our goals. We are privileged to report that in 2018 we made measurable improvements across all of our quality initiatives (see above chart). In parallel, we are building strong relationships among our clinical champions, abstractors, site personnel, stakeholder partners and our coordinating center team. Due to your hard work, MEDIC 2019 is setting up to be a win as well with expected progress in our performance, sharing lessons learned and telling our positive story locally, regionally and nationally! It's a privilege to work with all of you!

- Michele & Keith

Meet Your New 2019-2020 Executive Committee

Member Name	Site Name	Current MEDIC Measures			
		Adult HI	Peds HI	PE	CXR
Blaine Dennis	Beaumont Hospital, Troy	✓	✓	✓	
Seth Krupp	Henry Ford Hospital, Detroit	✓	✓	✓	
Brian O'Neil	Detroit Receiving Hospital	✓		✓	
Raj Arora	Children's Hospital of Michigan		✓		✓
Lee Benjamin	St. Joseph Mercy Hospital, Ann Arbor	✓	✓		
Nicole Sroufe	Michigan Medicine C.S. Mott		✓		✓
Molly Bolton	Hurley Medical Center	✓	✓		✓
Zach Sawaya	MidMichigan Medical Center, Midland	✓	✓		
Robert Nolan	Spectrum Lakeland Hospitals, St. Joseph	✓	✓		

Meet Your Pediatric Committee

Member Name	Site Name	Patient Population	
		Peds Only	Mixed
Kelly Levasseur	Beaumont Hospital, Royal Oak		✓
Zach Sawaya	MidMichigan Medical Center, Midland		✓
Robert Nolan	Spectrum Lakeland Hospitals, St. Joseph		✓
Raj Arora	Children's Hospital of Michigan	✓	
Dominic Borgialli	Hurley Medical Center		✓
Nicole Sroufe	Michigan Medicine C.S. Mott	✓	
Michelle Macy	M-PATH Pediatric Consultant	✓	
Michele Nypaver	MEDIC Co-Director	✓	

Publications & Posters

Please send any MEDIC- or M-PATH-related publications, posters, and presentations you wish to have highlighted here to mhogikya@med.umich.edu. Below please find recently accepted or published work.

- *Emergency Care Quality Imaging Benchmarks in a Statewide Collaborative: Estimated Excess and Associated Spending.* Nypaver MM, Macy ML, Arora R, Benjamin LS, Bolton M, Borgialli D, Levasseur KA, Sherwin RL, Sroufe NS, White E, Kocher KE, Abstract Accepted for SAEM 2019 Plenary Session.
- *Factors Associated with Emergency Department Chest X-Ray Use in Children with Asthma, Bronchiolitis, and Group.* Kocher KE, Arora R, Bassin BS, Benjamin LS, Bolton M, Dennis BJ, Ham JJ, Krupp SS, Levasseur KA, Macy ML, O'Neil BJ, Pribble JM, Sherwin RL, Sroufe NS, Uren BJ, Nypaver MM, Abstract Accepted for SAEM 2019 Oral Presentation and PAS 2019 Poster Presentation.

Meet Our Newest Coordinating Center Staff Member!



Please join us in welcoming the newest member of the MEDIC Coordinating Center, Alyson Stone! Alyson joined the team in January as the new Data Manager. She previously worked on inventory control and database management for the operating rooms at Mott Children's Hospital. She is a lover of all things data-related and looks forward to upholding and improving the integrity of our data management flow. In her spare time she enjoys reading, kayaking, and cooking all of the Pioneer Woman's recipes!

Dates to Remember:

- Tuesday March 5, 2019 Clinical Champion Call @ 2 pm
- Tuesday March 19, 2019 Data & Publications Committee Call @ 2 pm
- Friday April 12, 2019 Collaborative-Wide Meeting @ Lyon Meadows
- Tuesday May 7, 2019 Executive Committee Call @ 2 pm
- Wednesday May 8, 2019 Abstractor Call @ 10:30 am
- Tuesday May 21, 2019 Pediatric Committee Call @ 2 pm
- Tuesday June 11, 2019 Clinical Champion Call @ 10:30 am
- Tuesday June 25, 2019 Data & Publications Committee Call @ 10:30 am

If needed, please contact **Jessica Kauffmann** (kauffmje@med.umich.edu) for calendar invitations to the above meetings.