

**FEBRUARY 1, 2022**

**Collaborative-Wide Meeting to be held via Zoom Webinar on:**

**FRIDAY  
 MARCH 4, 2022  
 @9:30AM**

(see registration link below)

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**ZOOM WEBINAR LINE:  
 Please Register AT:**

[https://umich.zoom.us/webinar/register/WN\\_JxV5FugxRDuhRolzZqGu1g](https://umich.zoom.us/webinar/register/WN_JxV5FugxRDuhRolzZqGu1g)

*Directors' Column*

Knowing we all feel like we are in the movie GROUNDHOG DAY, where we seem to be living the same crazy pandemic days over, and over, we send this message out to let you know we share in feeling the weight of this moment alongside each and everyone in the collaborative.

That said, we want to share kudos for an amazing accomplishment. Despite another tumultuous year, MEDIC met all collaborative P4P & VBR targets! We are delighted you are reaping hard earned rewards from the work and commitment you make delivering quality patient care. We also want to personally thank each of you for remaining on this journey with us as we learn and grow together.

When we are finally able to once again meet in person ---talking to you June CW meeting! --- we will be SO ready to finally celebrate (socially distant of course)...just a little bit longer!

Until then stay warm and share your playlists and streaming content. Who's ready for March Madness?

*- Michele & Keith*

**Guest Speaker for MEDIC Collaborative Wide Meeting - MARCH 4, 2022**

**Michael Englesbe MD**

Dr. Englesbe's interests focus on improving quality and implementing best practices in care. He is also the director of the Blue Cross and Blue Shield Funded Quality Improvement Collaboratives serving the State of Michigan. He also directs the Michigan Surgical Quality Collaborative (MSQC) and co-directs the Michigan Opioid Prescribing and Engagement Network (Michigan OPEN). He is dedicated to the education of students and residents and holds several educational positions within the Medical School and Department of Surgery. Dr. Englesbe is a member of the IHPI Institute Leadership Team (ILT).



Dr. Englesbe received his undergraduate degree at Yale University in New Haven, Connecticut in 1993. He went on to obtain his medical degree in 1997 from the Robert Wood Johnson Medical School and completed his general surgery residency at the University of Michigan Health System in 2004. From 2000 to 2002, Dr. Englesbe did a surgical research post-doctoral fellowship at the University of Washington Medical Center in Seattle, Washington. Dr. Englesbe completed a two-year fellowship in multi-organ transplantation surgery at the University of Michigan in June of 2006. He now serves as the Cyrenus G. Darling Sr. & Cyrenus G. Darling Jr. Professor of Surgery.

Dr. Englesbe performs both kidney and liver transplantation. His primary clinical focus is pediatric liver transplantation. He started the multi-disciplinary pediatric portal hypertension clinic and has significant expertise in the management of portal hypertension and portal vein thrombosis in children and adults. He also does surgery for living kidney donation and dialysis access.

Dr. Englesbe is very involved in medical student education. He is the director of the 3rd and 4th year medical school curriculum at Michigan. He runs several research programs for students and mentors many students and residents.

Dr. Englesbe's active research group focuses on improving the value of surgical care. Key topics of interest include frailty, prehabilitation, opioid use, patient regret, patient reported outcomes and surgical appropriateness. His work is funded by the National Institute of Health, the Center for Medicare and Medicaid Services, the Michigan Department of Health and Human Services, the Substance Use and Mental Health Administration, Center for Disease Control, and Blue Cross and Blue Shield of Michigan.

Dr. Englesbe aspires to make Michigan the best place for patients to receive surgical care in the United States.

**Meet Our Newest Coordinating Center Member!**



Suzy Saylor is an experienced data professional specializing in data management and data quality. She previously worked on a client master data management initiative at TD Ameritrade and in consulting on a variety of data integration projects.

Suzy will be managing the monthly data upload process for the MEDIC sites, including data cleansing, troubleshooting and interfacing with our registry vendor. She will also assist with ad-hoc data requests and implementing data quality checks to ensure a reliable output of data. In her spare time,

Suzy enjoys traveling with her husband Mike, trivia competitions, and collecting rocks from around the state of Michigan .

**We Would Like Your Input!**

We would love to hear from you. If any of you have any suggestions, publications, comments, or future projects you want included in The MEDIC Sign-Out future iterations, please submit to Christie Radden: [chrradde@med.umich.edu](mailto:chrradde@med.umich.edu)

**Dates to Remember:**

- Monday, February 21, 2022 Executive Committee Meeting @ 3:00pm
- Friday, March 4, 2022 Collaborative-Wide Meeting Via ZOOM WEBINAR LINK @ 9:30am
- Thursday, April 7, 2022 Data & Publication Committee Call @ 1:00pm
- Tuesday, May 3, 2022 Clinical Champion Call @ 8:00am
- Tuesday, May 17, 2022 Pediatric Committee Call @ 8:00am
- Friday, June 3, 2022 Executive Committee Meeting @10:00am Amway Grand Hotel, Grand Rapids, MI
- Friday, June 3, 2022 Collaborative-Wide Meeting @10:00am Amway Grand Hotel, Grand Rapids, MI
- Thursday, July 14, 2022 Data & Publication Committee Call @ 2:00pm
- Tuesday, September 13, 2022 Pediatric Committee Call @ 8:00am
- Tuesday, September 20, 2022 Clinical Champion Call @ 8:00am

Please contact **Christie Radden** ([chrradde@med.umich.edu](mailto:chrradde@med.umich.edu)) for meeting invitations

# MEDIC 2021 Greatest Hits

## QUALITY INITIATIVES

- Key industry & EM research leaders as CWM expert speakers – **Dr. Joneigh Khaldun** (Health Equity in Emergency Medicine Practice), **Dr. Esther Sampayo** (Emergency Care for Pediatric Asthma)
- Held **3 virtual roundtable conferences** to facilitate sharing QI best practices among member sites
- Developed a **new QI process measure** focused on **timely administration of steroids** in children with asthma

- **500+ Michigan ED physicians** now have access to their individual performance on MEDIC quality initiatives
- **350+ VBR-eligible Michigan ED physicians** actively monitored their MEDIC quality initiative performance using the MEDIC registry in 2021
- Over **6 million ED visits** collected in our data registry
- Developed **55 interactive data reports in Tableau** since 2020 transition to Arbor Research

## DATA REGISTRY & REPORTING

## OPIOID USE DISORDER

- **2088 naloxone rescue kits** distributed at **17 EDs** in 10 MI counties from the start of the project through October 2021
- **14 additional ED sites onboarded** in Cohort 2 serving **11 MI counties**
- **285 providers DEA X-waiver trained** during **4 total MOUD training sessions** including **250 physicians & 35 APPs**

- October CWM speaker focused on addressing health disparities in emergency medicine
  - **Dr. Joneigh Khaldun, "What Every Emergency Medicine Physician Can Do To Fight Health Inequity"**
  - **Sarah El-Azab, MS & Timberlee Whiteus BA, MEDIC Health Equity Interns**
- **3 studies in progress** using MEDIC data & platform to understand & address health disparities
- **1 grant submission in partnership with MEDIC** focused on racial disparities, bias in pain treatment

## HEALTH DISPARITIES

## SCALING IMPACT

- **Nearly doubled membership since January 2020**
  - Grew from **26 to 45 EDs**
  - **10 MI health systems** represented
- **24 new data abstractors** trained since February 2020, **44+ now working** across all sites
- **4 peer-reviewed publications** by MEDIC members &/or using MEDIC data since December 2020
- **3 grant proposals submitted** in partnership with MEDIC, **1 currently active**

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MEDIC CQI



## 2017-2021 MEDIC QI Impact - Imaging

MEDIC Imaging Quality Initiative <sup>^</sup>	Low Value Care Avoided <sup>†</sup>	Estimated Cost Avoided
↑ diagnostic yield in CT scans for suspected pulmonary embolism	<b>11,230</b> chest CT scans <b>avoided</b> in adults with suspected PE	\$1324/scan* <b>\$14.87 million</b>
↑ appropriate use of head CT scans in adult minor head injuries	<b>7,545</b> head CT scans <b>avoided</b> in adults with minor head injury, 2017-2021	\$933/scan* <b>\$7.04 million</b>
↓ use of chest x-rays in children with asthma, croup, or bronchiolitis	<b>5,004</b> chest x-rays <b>avoided</b> in children with asthma, bronchiolitis, or croup	\$174/x-ray* <b>\$870,000</b>
↓ use of head CT scans in intermediate risk pediatric minor head injuries	<b>557</b> head CT scans <b>avoided</b> in children with minor head injury	\$933/scan* <b>\$519,000</b>
	<b>24,336</b> total CT scans & x-rays avoided	<b>\$23.3 million</b> total estimated cost avoided

## 2020-2021 MEDIC QI Impact - Discharge

### MEDIC Discharge Quality Initiative<sup>^</sup>

↑ rate of safe discharge for adults with low-risk chest pain from the ED<sup>††</sup>



**875** hospital admissions avoided in low-risk adults with chest pain

**Estimated Cost Avoided / Year**  
**\$4.77 million @ \$15,000/admit\*\***

## 2017-2021 MEDIC QI Cumulative Impact

From 2017-2021, MEDIC member EDs improved performance on 5 QI initiatives focused on **reducing low value imaging** in the ED, & **decreasing the rate of low value admissions** to the hospital from the ED.

**24,336** total CT scans & x-rays avoided

**875** hospital admissions avoided

**\$28.07 million** in estimated cost avoided

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