

# How to POEM: MOQC Oncology Pharmacist Program

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Cancer care. Patients first. The best care. Everywhere.

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# POEM

- Pharmacists **O**ptimizing Oncology Care **E**xcellence in **M**ichigan
- Partnership between MOQC and Michigan Institute for Care Management and Transformation (MICMT) – supported by Blue Cross Blue Shield of Michigan (BCBSM)
- Goal – embed pharmacists in oncology practices across Michigan





# POEM Team

- POEM Director (MOQC) – Emily Mackler, PharmD, BCOP
- Project Lead Manager (MICMT) – Julie Wietzke, MHSA, MLS
- Project Manager (MICMT) – Ashley Schwartz, LMSW
- Pharmacy Intern (MOQC) – Arielle Davidson

# Oncology Pharmacist Scope<sup>1</sup>

- Apply clinical skills and knowledge of therapeutic drug management in cancer patients
- Generate, interpret, and disseminate cancer-related information
- Develop, implement, and maintain oncology-related guidelines, policies and standards
- Provide public awareness and service as a public health advocate for the oncology population

# Outcomes<sup>2</sup>

-  Decrease ER visits, inpatient admissions
-  Cost savings initiatives
-  Medication utilization evaluation
-  Patient outcomes

# Oncology Pharmacist Value

Oncology Pharmacists are key in the involvement of the interdisciplinary healthcare team in lending their medication expertise, expanding upon value and quality based outcomes, and improving patient care.

- The board-certified oncology pharmacist is well suited to serve on the oncology care team, as a physician extender, and the medication expert.<sup>3</sup>
- Oncology pharmacists participate in a wide array of programs including oral chemotherapy programs, medication therapy management, and collaborative practice agreements.<sup>4</sup>
- Oncology pharmacists are involved in many clinical and administrative functions including multidisciplinary management. While a core set of clinical functions have been identified, oncology pharmacists must prepare for the increased use of oral oncology agents and immunotherapy, in value-based reimbursement and other data-based quality outcome measurements.<sup>1</sup>
- Pharmacist involvement in oncology clinics has been associated with improved symptoms, satisfaction and wellbeing scores.<sup>5</sup>
- Outpatient oncology practices may benefit from integrating pharmacists into care models in order to more effectively, efficiently, and holistically address the needs of patients with cancer.<sup>6</sup>

# Oncology Pharmacist Management Programs

Oncology Pharmacist-led therapy management programs can lead to increased medication adherence, decreased ER/hospital admissions, and decreased symptom burden.

- Pharmacist-led oral chemotherapy model developed, resulting in improved patient knowledge regarding oral chemotherapy, improved adherence rates and superior MMR outcomes for patients with CML compared with published literature.<sup>7</sup> (University of North Carolina)
- Adverse events in a non-small cell lung cancer patient population can be successfully managed in a community-based setting with the addition of collaborative pharmacist-led patient education, adverse event monitoring/interventions, and continuous follow-up.<sup>8</sup> (Florida Cancer Specialists & Research Institute)
- Pharmacist-led oral oncology management program attributed to decreased grade 3/4 toxicities, decreased ED/hospitalizations, and increased adherence.<sup>9</sup> (Henry Ford Cancer Institute)
- Implementation of a pharmacist-driven outreach program for immune-related monitoring increases early recognition and treatment of immune checkpoint inhibitor toxicities, with the pharmacist uniquely positioned to identify toxicities early and prevent greater toxicity downstream.<sup>10</sup> (University of Wisconsin)
- Pharmacist collaboration with oncologists at an outpatient clinic, resulted in a 57% adverse event improvement following the acceptance of pharmacist-recommended interventions.<sup>11</sup> (Japan)
- Oncology pharmacists can aid in the development of CINV patient care plans, in addition to assessing drug interactions, as they are well versed in drug management.<sup>12</sup>



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# Clinical Focus Areas

- Oral Anticancer Agents
- Immunotherapy
- Symptom Management
  - Nausea/vomiting, pain, depression, anxiety
- Supportive Care Utilization
  - Growth factors and antiemetics
- Pathway Compliance



# POEM Engagement

## Practice/Pharmacist

- MOQC participant
- Sign POEM agreement
- Commitment to embedding a pharmacist into direct ambulatory patient care
- Mutually agreed upon scope of work for the clinical pharmacist
- Collaborative practice agreement (CPA) support
- Bill for clinical service
- Collect and share data

## POEM Coordinating Center

- Support practice site in recruitment efforts
- Provide resources and support to the pharmacist for clinical service
- Collect and analyze program data and provide practice-level reports
- Regular scheduled mentoring, training, and follow-up with the POEM pharmacists
- Pharmacist funding support: 100% year 1, 60% year 2, 20% year 3
- BCBSM provided VBR – 10% on RVUs

# Timeline

- Fall 2020 – program launch (pilot of 3 sites)

Cancer & Hematology Centers  
of Western Michigan

(Grand Rapids)

McLaren Greater Lansing –  
MidMichigan Physician &  
Medical Associates

(Lansing)

IHA Hematology/Oncology at  
St. Joseph Mercy

(Ann Arbor)

- 2021 – onboard 6 new sites
- 2022 – analyze data to date and expand based on learnings



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# Program Structure

- 4 days clinical/1 day administrative role
- Weekly pharmacist meetings (10 – noon on Thurs) – logistics, best practice sharing, education, collaboration
- Educational programming to date:
  - Oral chemo program summary (Henry Ford)
  - N/V patient reported outcome summary (Michigan Medicine)
  - HOPA-ASCO Quality Training Program completion



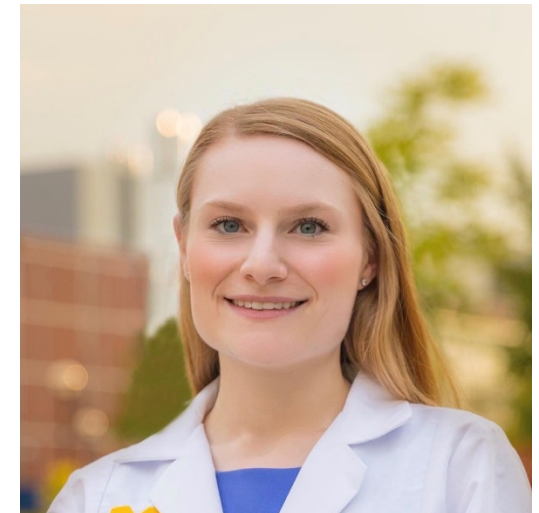
# Pilot Sites – Progress to Date

- **Clinical Focus – Oral Anticancer Agent (OAA) Therapy**
- Schedule currently allows for 8 patient visits/day
- Billing in place
- Collaborative Practice Agreement pending final approval –
  - Symptom management (diarrhea, constipation, nausea/vomiting, and depression/anxiety)
  - Cancer therapy induced hyperglycemia and hypertension management
  - Statin adjustments
- Anticipated impact – approximately 280 new starts/year with 3 “touches”/patient
  - Pre-treatment
  - 1 week post start
  - 1 month post start (then PRN)
  - Minimum = 850 billable visits/year

IHA Hematology/Oncology at  
St. Joseph Mercy

(Ann Arbor)

Pharmacist – Emily Johengen



# Pilot Sites – Progress to Date

- **Clinical Focus – Immuno-oncology Management**
- Key stakeholders have been engaged/signed off
- Billing opportunities being finalized and expanded to other work already in place via the in-house specialty pharmacy
- Collaborative Practice Agreement being drafted
- Anticipated impact – approximately 260 – 420 new patients/annually
  - Pre-treatment education
  - Follow-up calls planned post each infusion
  - Possible program to include 4000 billable visits/year

Cancer & Hematology Centers  
of Western Michigan  
  
(Grand Rapids)

Pharmacist – Christin Molnar



# Pilot Sites – Progress to Date

- **Clinical Focus – Oral Anticancer Agent (OAA) Therapy**
- 2 sites are merging – working through logistics
- Drafting Collaborative Practice Agreement
- Working with practices regarding billing opportunities
- Ongoing discussion with Karmanos Specialty Pharmacy and how best to optimize/integrate clinical patient support

McLaren Greater Lansing –  
MidMichigan Physician &  
Medical Associates  
(Lansing)

Pharmacist – Mark Lawson



# Next Steps

- Contact us if interested in taking part
  - VBR opportunity occurs quarterly and initiated s/p contract signature
  - Salary reimbursement s/p hire and contract signature
- Upcoming billing webinars focused on oncology practices (pharmacy and nursing billable care management services)

# Discussion/Question



# References

1. Ignoffo RJ, et al. Trends in the delivery of care to oncology patients in the United States: Emphasis on the role pharmacists on the healthcare team. *J Oncol Pharm Pract.* 2020 (epub) doi: 10.1177/1078155220907.
2. HOPA Scope of Hematology/Oncology Pharmacy Practice. HOPA. 2013;1-17.
3. Segal EM, et al. Demonstrating the value of the oncology pharmacist within the healthcare team. *J Oncol Pharm Pract.* 2019;25(8):1945-1967.
4. Holle LM, et al. Pharmacists' roles in oncology pharmacy services: Results of a global survey. *J Oncol Pharm Pract.* 2017;23(3):185-194.
5. Maleki S, et al. A systematic review of the impact of outpatient clinical pharmacy services on medication-related outcomes in patients receiving anticancer therapies. *J Oncol Pharm Pract.* 2019;25(1):130-139.
6. Gatwood J, et al. Impact of clinical pharmacists in outpatient oncology practices: A review. *Am J Health Syst Pharm.* 2017;74(19):1549-1557.
7. Muluneh B, et al. Improved Adherence Rates and Clinical Outcomes of an Integrated, Closed-Loop, Pharmacist-Led Oral Chemotherapy Management Program. *J Oncol Pract.* 2018;14(6):e324-e334.
8. Khrystolubova N, et al. Pharmacist-led patient education and adverse event management in patients with non-small cell lung cancer receiving afatinib in a community-based, real-world clinical setting. *J Oncol Pharm Pract.* 2020;26(1):13-22.
9. Kostoff D, et al. (not yet published)
10. Renna CE, et al. Expansion of pharmacist clinical services to optimize the management of immune checkpoint inhibitor toxicities. *J Oncol Pharm Pract.* 2019;25(4):954-960.
11. Suzuki H, et al. Impact of pharmacy collaborating services in an outpatient clinic on improving adverse drug reactions in outpatient cancer chemotherapy. *J Oncol Pharm Pract.* 2019;25(7):1558-1563.
12. Soefje SA, et al. Strategies to improve CINV outcomes in managed care. *Am J Manag Care.* 2019;24(18 Suppl):S398-S404.



# 2021 Regional Meetings

A physician per practice must attend each meeting

Region	Spring Meetings 6-8pm	Fall Meetings 6-8pm
<b>Metro East</b>	Wednesday March 31	Wednesday October 27
<b>LMOR</b>	Monday April 5	Monday November 1
<b>WOW</b>	Wednesday April 14	Wednesday November 10
<b>CMG</b>	Monday April 19	Monday November 15
<b>Superior West</b>	Wednesday April 28	Wednesday October 13
<b>Superior East</b>	Thursday April 29	Thursday October 14

# Upcoming Biannual Meetings

MOQC BIENNIAL MEETINGS & 2021 & 2022		
Friday, June 18, 2021	H Hotel	Midland
Friday, January 21, 2022	Inn at St. John's	Plymouth
Friday, June 17, 2022	TBD	Lansing

A physician per practice must attend one meeting each calendar year

Locations and dates subject to change

# Gyn Oncology Practices - 2021

Saturday  
April 10  
9am – 1pm

Virtual

Saturday  
October 9\*  
9am – 1pm

TBD

\*date may change with  
Michigan and Michigan  
State football schedules

# Order MOQC Resources On Line

## Printed Resources

1 Select Printed Resources   2 Add Logo (optional)   3 Enter Contact Information

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Click on a category to select available resources, then enter quantities at the bottom of each section.

Fertility Resources



Gynecology Oncology Resources



Herbal Resources



End of Life Resources



POQC



Sexual and Gender Minorities Resources



Tobacco Resources



Next



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## **Palliative Care Webinars** – Michael A. Smith, PharmD

<https://moqc.org/resources/palliative-care/>



### Topics:

- a. End of Life Care
- b. Pain Mechanisms and Management
- c. Nausea and Vomiting Mechanisms and Management
- d. Anxiety and Depression Mechanisms and Management

The **PDCM Specialty Care Management Billing** for Oncology Practices webinars are now live on our Events page: <https://moqc.org/events/>

### Two webinar date options:

- a. February 23: 5:00-6:00pm
- b. March 12: 12:00-1:00pm

# Closing Comments

- CME instructions are at the end of this deck
- Deck will be emailed today to everyone registered
- Email us: first initial, last name@moqc.org
- Telephone us: (734) 232-0043 or **1.866.GET.MOQC**
- See you at Spring Regional Meetings (virtual)
- Nominate yourself or someone for Steering Committee

# Continuing Education Credit – Physicians Create Your Account

If you have not already created a MiCME Account:

1. Go to <https://ww2.highmarksce.com/micme/>
2. Click the “Create a MiCME Account” tile at the bottom of the screen
3. Under New User? click “Create a MiCME Account”
4. Enter the Profile Information questions, confirm consent, and click “Create a MiCME Account”
5. Enter your password and complete your profile.

If you have any difficulties, email [moqc@moqc.org](mailto:moqc@moqc.org)  
We will assist you and resolve any issue





# Continuing Education Credit – Physicians Claim Credit

## Steps to Claim Credits and Print a Transcript

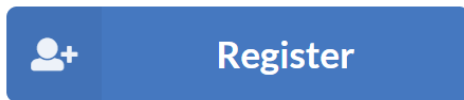
1. Once your MiCME account has been created, navigate to your Dashboard
2. Click on *Claim Credits and View Certificates*
3. Locate '**MOQC January 2021 Biannual Meeting**' in the *Activities Available for Credit Claiming* section
4. Under Action, click on *Claim. Add Credit*
5. Enter the number of credits you are claiming and the “*I Attest*” button
6. Complete the evaluation
7. Click the *Submit* button
8. Scroll down to the *Awarded Credits* section to view or print your certificate and/or comprehensive transcript







# Continuing Education Credit – Pharmacists Claim Credit

To claim credit, either:

- Scan QR code for appropriate session(s)
- Click on links emailed after this meeting



Click on the “Register” button and follow these steps:

-  Reviewing the course learning materials.
-  Confirming information provided on registration.
-  Claiming participation in applicable credits.
-  Completing all listed evaluations and quizzes.



Keynote Presentation



State of the Consortium



Breakout: Conversation  
with Jennifer Temel



Breakout: POEM

