



Quality Improvement
Organizations

Sharing Knowledge. Improving Health Care.
CENTERS FOR MEDICARE & MEDICAID SERVICES



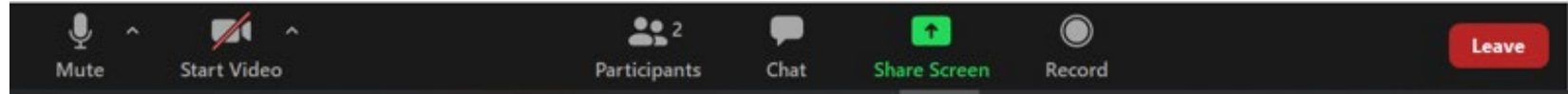
Health Quality Innovation Network



MedsMatter!

Conversation Series: Front Line Perspectives About the Blue Bag Initiative
May 20, 2021

Logistics



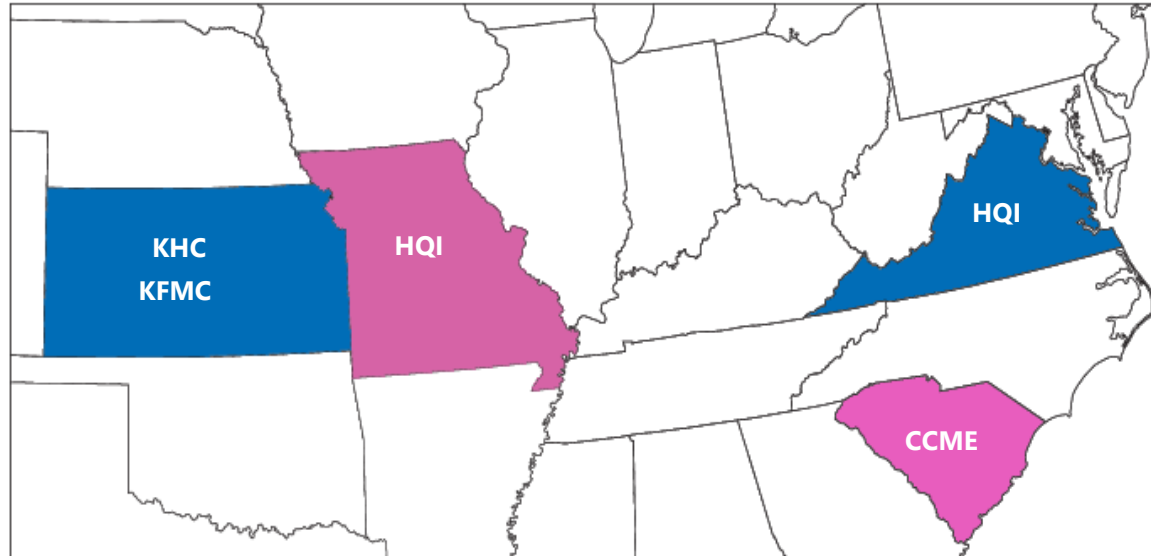
Use the **Chat** icon to type your questions or comments.

Raise your hand icon if you want to verbally ask a question.

Information from today's session will be posted in **Chat**.

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Health Quality Innovation Network



The Blue Bag Initiative: Front Line Perspectives



Session Goals

1. Identify best Blue Bag Intervention (BBI) practices through today's guest pharmacists' sharing.
2. Discover how the data collected in the program can be utilized to improve processes and patient outcomes.
3. Determine how you can use the BBI in your setting.
4. Share with each other....

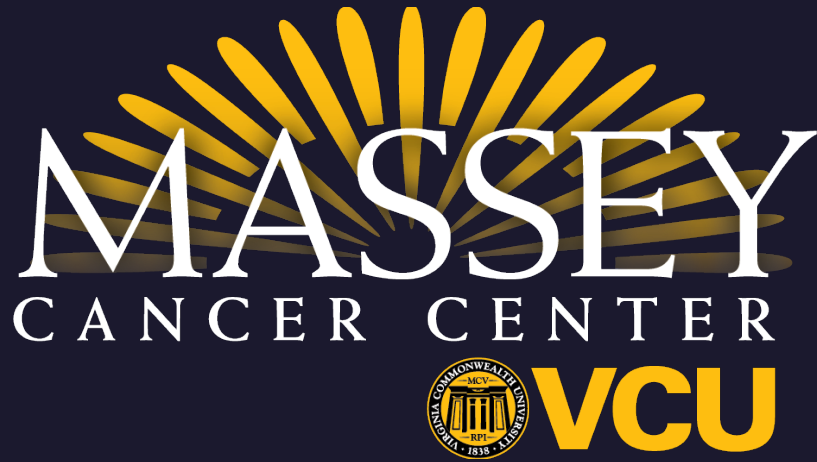
Today's Presenters

➤ **Dr. Erin Hickey, PharmD, BCOP**

Assistant Professor, Hematology and Oncology
Virginia Commonwealth University School of Pharmacy

➤ **Dr. Crystal Perkins, PharmD**

Community Pharmacist



Blue on the Horizon: Implementing the Blue Bag Initiative in an Oncology Clinic

Erin Hickey, PharmD, BCOP

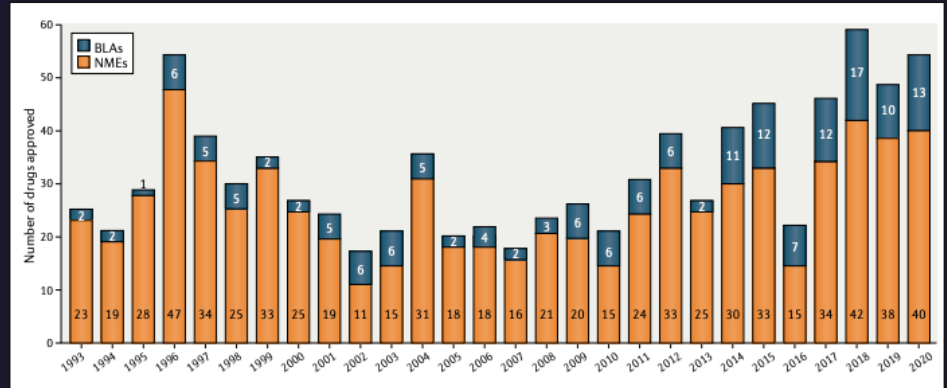
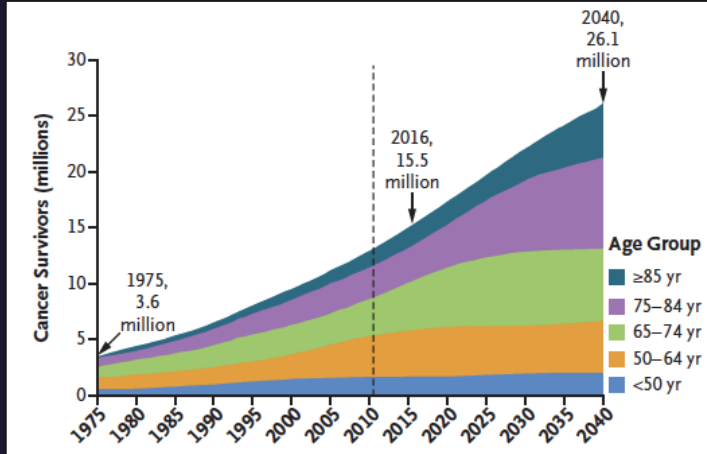
- Assistant Professor, VCU School of Pharmacy
- Clinical Pharmacy Specialist, Hematology and Oncology, VCU Health

VCU Gynecologic Oncology Clinic

- Interdisciplinary team
 - 3 Gynecologic Oncologists, OB-GYN fellows & residents
 - Nurse-Practitioner, Nurse Navigator, clinic RNs, clinical trial RN
 - LCSW, genetic counselor, radiologist, pathologist
 - 1 faculty PharmD (started ~1 year ago)
- Patients with ovarian, cervical, endometrial cancers
 - Most 65+ years older or with chronic comorbid conditions
- Surgery, chemotherapy, radiation, supportive care



Cancer as a Chronic Disease

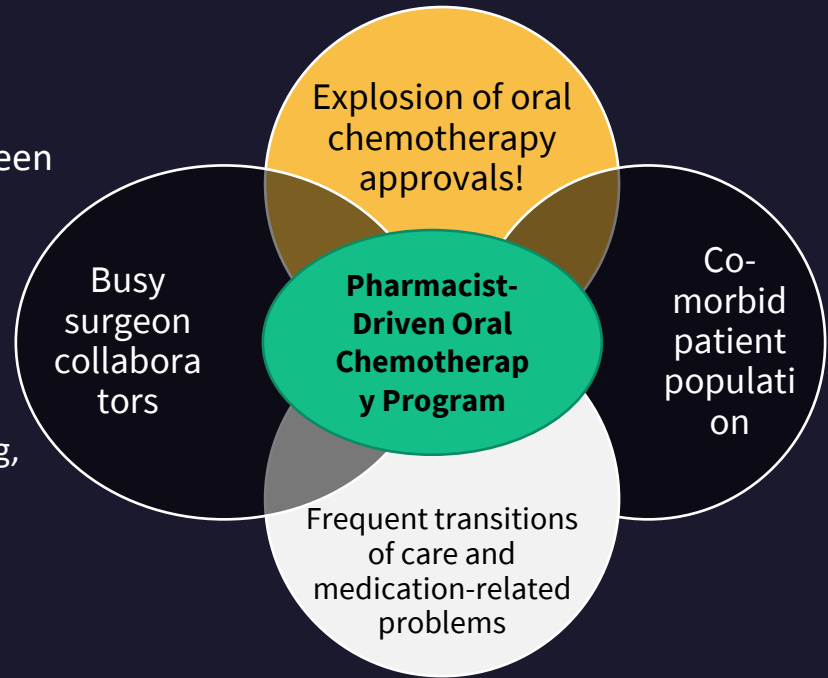


Shapiro CL. N Engl J Med. 2018;379(25):2438-2450.

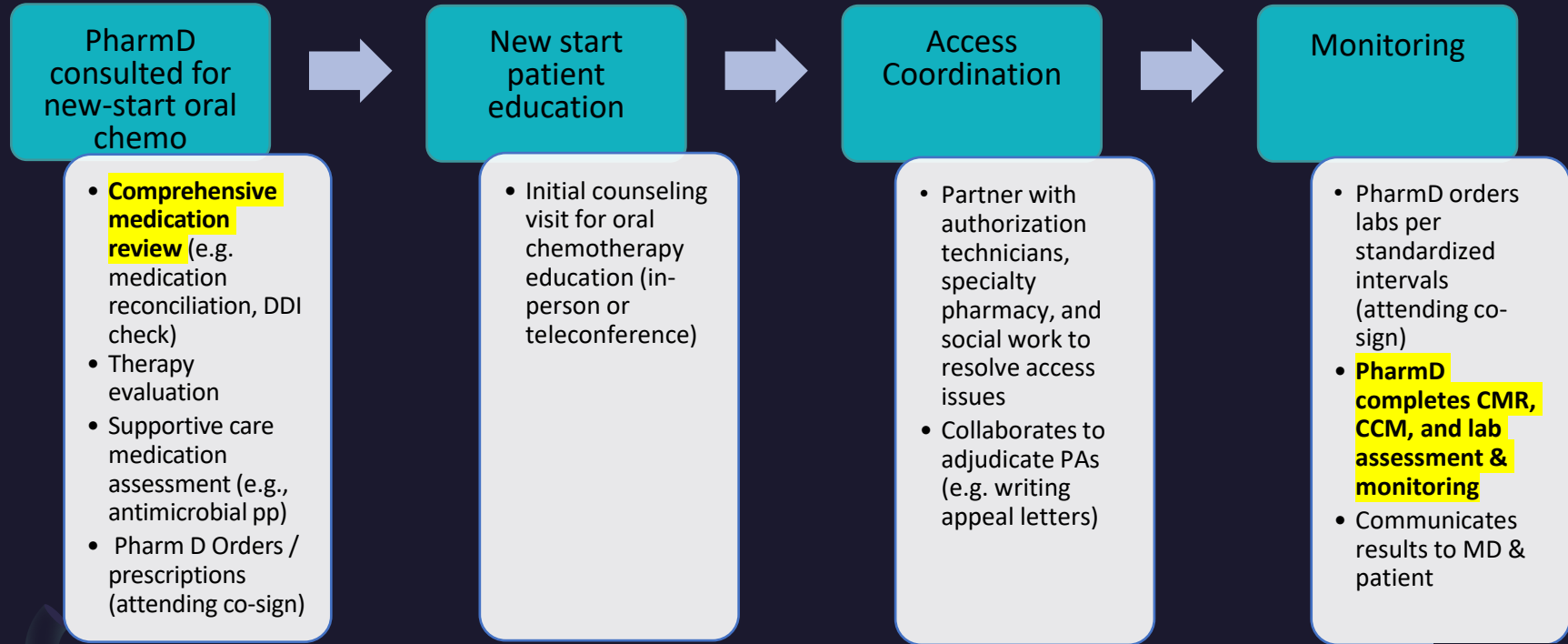
Mullard A. 2020 FDA drug approvals. Nat Rev Drug Discov. 2021;20(2):85-90.

Oral Chemotherapy

- Pharmacist-supported, collaborative oral chemotherapy management programs have been shown to improve:
 - Patient understanding/education¹
 - Patient adherence¹
 - Clinical outcomes (e.g. higher rate of CMR with BCR-ABL TKIs)¹
 - Prevention of medication-related problems (e.g. severe side effects, unscheduled admissions, & death)^{2,3}
 - Adherence with monitoring standards⁴



Oral Chemo & Blue Bag Initiative



Where Blue Bag Fits

BBI DATA
of Blue bags given to participants
of Participants screened / RX reviews completed
of Participants screened with events identified
of Potential adverse drug events identified
of Expired/discontinued medications participants should not be taking
of Narcotic prescriptions participants should not be taking
of Participants who could state how and when they should take their medications

BBI DATA
% of Participants screened who could state how and when they should take their medications
% Participants Screened with pADEs Identified
pADEs Identified per 100 Participants
Expired/ Discontinued Drugs per 100 Participants Screened
Potential Savings Achieved*

CARE COORDINATION	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	YTD
% of Participants with 80%+ appointment adherence			0.0%	0.0%									0.0%
% of Participants with 80%+ medication adherence			0.0%	100.0%									50.0%
% of Participants with pharmacist provided patient education			0.0%	100.0%									50.0%
% of Participants provided with smoking cessation therapy			0.0%	0.0%									0.0%

VITALS AND LABS	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	YTD
% of Participants with BP > 140/90			0.0%	0.0%									0.0%
% of Participants with total cholesterol > 200			0.0%	0.0%									0.0%
% of Participants with triglycerides > 150			0.0%	0.0%									0.0%
% of Participants with A1C > 9.0%			0.0%	0.0%									0.0%
% of Participants with blood glucose > 110			0.0%	0.0%									0.0%

▲ % with BP > 140/90
 ■ % with total cholesterol > 200
 ◆ % with triglycerides > 150

LOWER IS BETTER

100.0%



Early Successes & Future Goals

Early Successes	Future Goals
<ul style="list-style-type: none">• Clinic support of initiative• Patient adherence to visits• Easy way to objectively collect, report, & summarize pilot impact• Student involvement!	<ul style="list-style-type: none">• Demonstrating impact of pilot program at the pharmacy department and Massey Cancer Center levels<ul style="list-style-type: none">• Designated a Quality Improvement Project of Hematology Oncology & Palliative Care Quality Council• Expansion to all oncology clinics• Measuring:<ul style="list-style-type: none">• Oral chemotherapy-specific lab values (e.g. complete blood count, adverse effects)• Unanticipated ED visits and hospitalizations• Patient satisfaction• Demonstrating the impact of pharmacist services on success of patients with cancer on oral chemotherapy• Reimbursement for services!

Sharing Questions

What advice or experiences do you have...

- Utilizing Blue Bag Initiative to justify expanded services?
- Applying Blue Bag Initiative to the needs of your specific patient population?

How could you apply the Blue Bag Initiative to the needs of your specific population?

Thank you!

- Cindy Warriner, BS, RPh, CDE
- Health Quality Innovators
- VCU Gynecologic Oncology Clinic collaborators & patients!





Health Quality Innovation Network

Crystal Perkins, PharmD

Pharmacist

Claypool Hill Pharmacy
Haysi Drug Center

Time for Q&A, Comments and Discussion



MedsMatter! Conversation Series

Save the Date:

12:30 p.m. EST

➤ **June 24, 2021:** Mind Your Meds

Thank you for participating in today's session!

Blue Bag Contacts for your State....

- **Kansas – Rosanne Rutkowski**
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- **Missouri – Dana Lammert**
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- **South Carolina – Cheryl Anderson**
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- **Virginia – Cindy Warriner**
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.....or contact bluebag@hqi.solutions

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