# Improving Transitions of Care: I-PASS Handoff Initiative

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on behalf of the Core I-PASS Implementation Team for Internal Medicine: David Yuh, hospitalist/Quality Leader inpatient GIM; Faisal Rahman, Chief Resident; Katy Thompson, Chief Resident; Jordan Yoder, PGY3; Aravind Menon, PGY2; Craig Noronha, APD, Epic clinical lead for handoff tool

## Context

- Shorter shifts  $\rightarrow$  more frequent handoffs
- Having a cross-covering physician increases risk of a potentially preventable adverse event by 6-fold
- The CLER Transitions of Care domain calls for:
  - Standardized format for handoffs
  - Standardized process for handoffs (e.g. Epic handoff tool)
  - Process for supervision of handoffs

# Opportunities identified for improvement during CLER needs assessment at BMC

- Education in optimal handoffs
  - Less than half of training programs reported that they had any formal training in handoffs
- Quality of handoffs
- Consistency across training programs
- Supervision of handoffs

## I-PASS at BMC

- Transitions of Care subcommittee formed 2014 of residents and faculty stakeholders from different programs to develop a plan for improving Transitions of Care at BMC
  - Endorsed I-PASS handoff bundle
    - Best evidence for reducing preventable adverse events
- Chris Landrigan, I-PASS Study PI, gave Medicine Grand Rounds Oct 2014, during Quality Week
- Obtained BMC leadership support to move towards I-PASS as handoff format for physicians and nurses across BMC
  - Nursing is currently rolling out a bedside handoff initiative "I-PASS with SAFETY"

#### The NEW ENGLAND JOURNAL of MEDICINE



Starmer AJ et al., New Engl J Med 2014; 371:1803-12

#### **The I-PASS Mnemonic**

Ι	Illness Severity	Stable, "watcher," unstable
Ρ	Patient Summary	<ul> <li>Summary statement</li> <li>Events leading up to admission</li> <li>Hospital course</li> <li>Ongoing assessment</li> <li>Plan</li> </ul>
Α	Action List	<ul><li>To do list</li><li>Timeline and ownership</li></ul>
S	Situation Awareness and Contingency Planning	<ul> <li>Know what's going on</li> <li>Plan for what might happen</li> </ul>
S	Synthesis by Receiver	<ul> <li>Receiver summarizes what was heard</li> <li>Asks questions</li> <li>Restates key action/to do items</li> </ul>



### Participation in Society of Hospital Medicine-IPASS Mentored Implementation Program

- With program leadership support, Internal Medicine program applied to participate and was selected
- AHRQ-funded project with the aim of disseminating I-PASS to 32 additional institutions
- We have been highlighted as site that has completed all milestones thus far
- Allows access to all of the I-PASS curricular materials
- In scope for program: MP3 and MP4



# I-PASS training completed to date

- With the support of GME leadership, every incoming BMC intern participated in simulated training in I-PASS handoffs at orientation
  - 1 facilitator: 1 to 2 groups of 3 interns, each intern practiced giving, receiving, and observing a handoff
- Internal Medicine noon conference held in early June for PGY2s and PGY3s and supplemental curriculum planned for July ambulatory half day sessions
- 4 champion trainings held for Chief Residents and faculty from many BMC departments

# A big **\*thank you\*** to champions/facilitators in Dept of Med

- Served as facilitators for Intern Orientation:
- Sheilah Bernard
- Rachel Casas
- James Hudspeth
- Nyra Khetarpal
- Rob Lowe
- Rachel Simmons
- Mike York
- David Yuh
- All Chief Residents: Nick Bosch, Katy Thompson Brunner, Faisal Rahman, Usman Tahir, Stephanie Toth, Sasha Wong

- Completed champion training:
- Patrick Fleming
- Henri Lee
- Aravind Menon
- Tom Ostrander
- Carol Sulis
- Deborah Whalen
- Jordan Yoder

### Plan for MP3 and MP4 services

• We are asking those on MP3 and MP 4 to:

1. Conduct 2 observations and feedback of handoffs over the 3 week rotation and use the handoff observation forms (of giver, receiver, and written).

- Team Resident: week 1
- Attending: week 2

2. Fill out the end-of-rotation survey on the quality of handoffs.

• Faculty who participate in this initiative will be eligible for MOC Part 4.

# Goals of observations and feedback of handoffs

- Accountability for use of I-PASS and to ensure sustainment
- Opportunity for formative feedback
- Increase supervision of handoffs
- While MP3 and MP4 are officially participating in the I-PASS Mentored Implementation program, we will likely be developing a similar plan for observations and feedbacks of handoffs on other services
  - At a minimum, for trainees who don't rotate on those services

### Next steps for I-PASS handoffs across BMC

- Partnering with CIR housestaff QI Council
- Forming a BMC I-PASS Committee with a representative from each training program
- Each program will be expected to:
  - Use I-PASS handoff format
  - Use Epic handoff tool
    - Work with eMERGE team to optimize
  - Develop a plan for supervision of handoffs
  - Submit data on observations of handoffs so we can follow adoption

#### EPIC I-PASS handoff tool (currently most Medicine teams are using)

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#### How faculty can support the I-PASS handoff initiative

- Familiarize yourself with I-PASS and support the I-PASS format
- Emphasize the importance of transitions of care in optimizing patient safety
- Support a protected space and time for handoffs
- Participate in this initiative by conducting live handoff observations to be eligible for MOC Part 4 credit
  - BMC now has MOC portfolio sponsor status from the American Board of Medical Specialties and we are working towards making this initiative institutionally sponsored for MOC



### Future directions in transitions of care

- Inter-professional communication at care transitions
- Communication between consultative and primary services
- Other transitions in addition to shift-to-shift
  - Team to team (e.g. ED to inpatient), floor to MICU, inpatient to outpatient

# Learn more about I-PASS by watching the 24 minute "Core Content Video"

- <u>www.hospitalmedicine.org/ipass</u> (When you go to this link, it says "access denied." Ignore that. Go up to the right top corner and click "log on."
- username: BMC\_IPASS
- password: lpass123
- Under "Front-Line Provider Training Materials" →
   IPASS Core Content Video Module.

Thank you for your support of this Quality Improvement and Educational initiative that we believe will have a positive impact on patient safety.

Please let us know if you have any comments or feedback now and throughout the year.

Core I-PASS Implementation Team for Internal Medicine: Karin Sloan David Yuh, hospitalist/Quality Leader inpatient GIM Faisal Rahman, Chief Resident Katy Thompson, Chief Resident Jordan Yoder, PGY3 Aravind Menon, PGY2 Craig Noronha, APD, Epic clinical lead for handoff tool