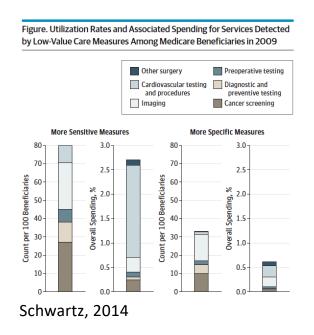
## The COVID-19 Pandemic Can Help Us Understand Low-Value Health Care

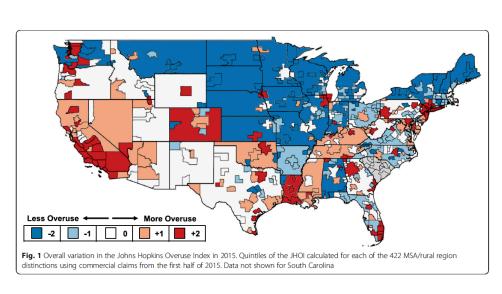
Allison H. Oakes, PhD
Crescenz VA Medical Center
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@oakes\_ah

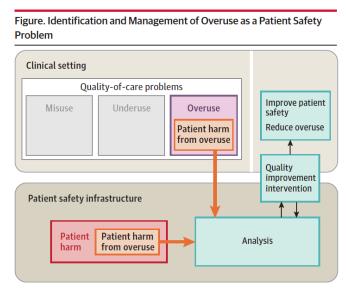
Jodi B. Segal, MD, MPH
Johns Hopkins School of Medicine
Johns Hopkins School of Public Health

#### Overuse

- ➤ Overuse is the provision of health care services for which potential harms outweigh potential benefits. More expansively, a service may be labeled as low-value or wasteful when it does not provide proportional benefits relative to its costs.
- Overuse is prevalent, costly, and harmful.







Lipitz-Snyderman, 2017

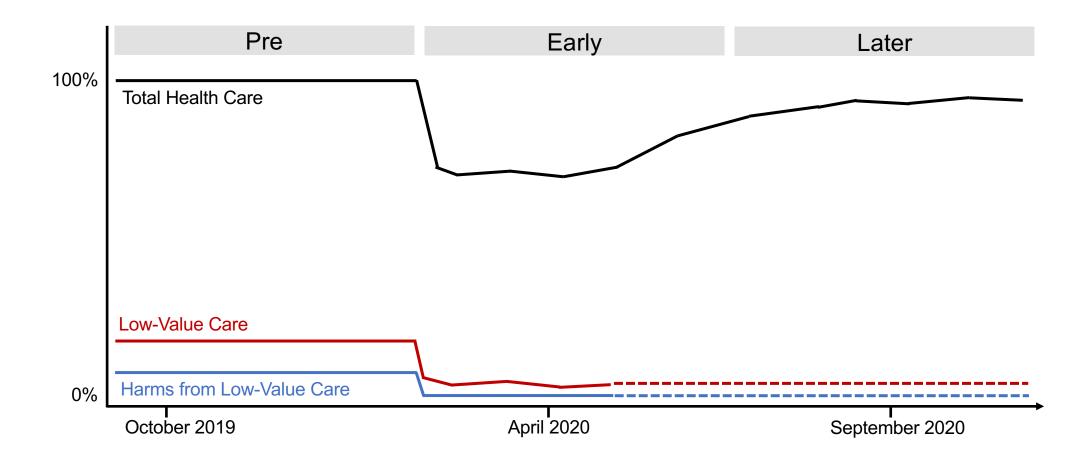
Oakes, 2019

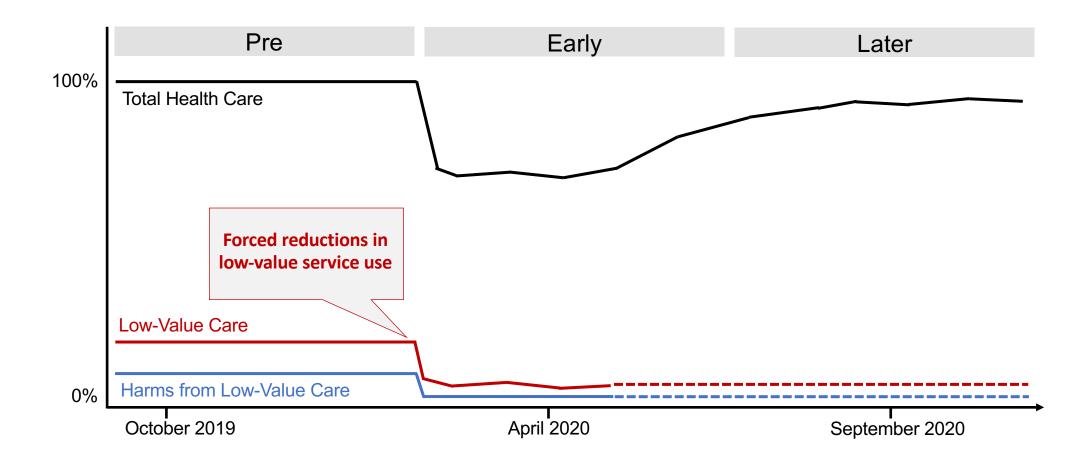
### Outstanding Research Needs

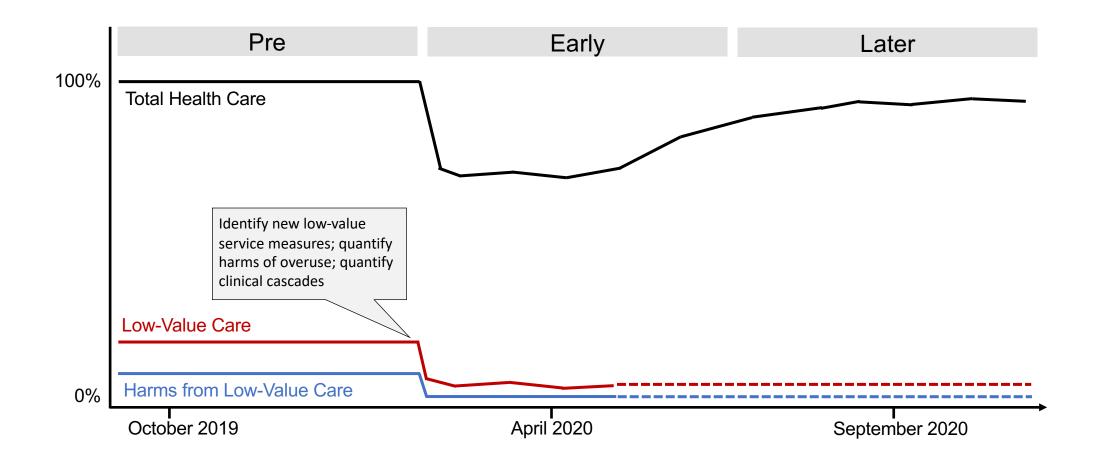
- ➤ Quantify: We still directly measure only a fraction of the low-value services that are delivered; overuse is not included as a standard component of quality reporting.
- ▶ **Drivers and Determinants:** Understanding the important drivers of low-value care is a pressing research priority, as there are patient factors, clinician factors, characteristics of the health care system and the environment, which interact to contribute to waste.
- ➤ Outcomes: The full impact of overuse on patients and the health system is yet to be quantified.

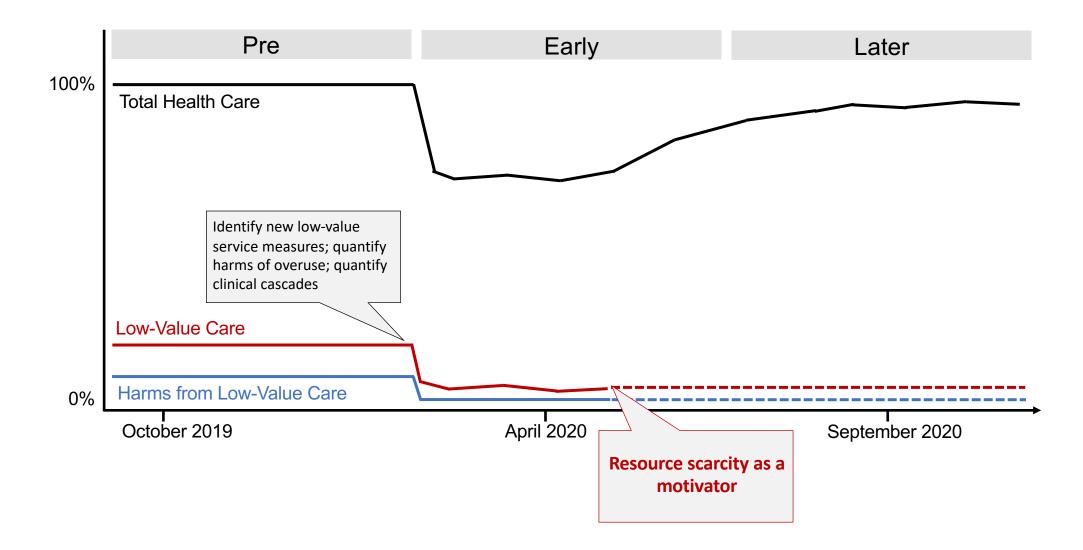
### COVID-19 as a Natural Experiment

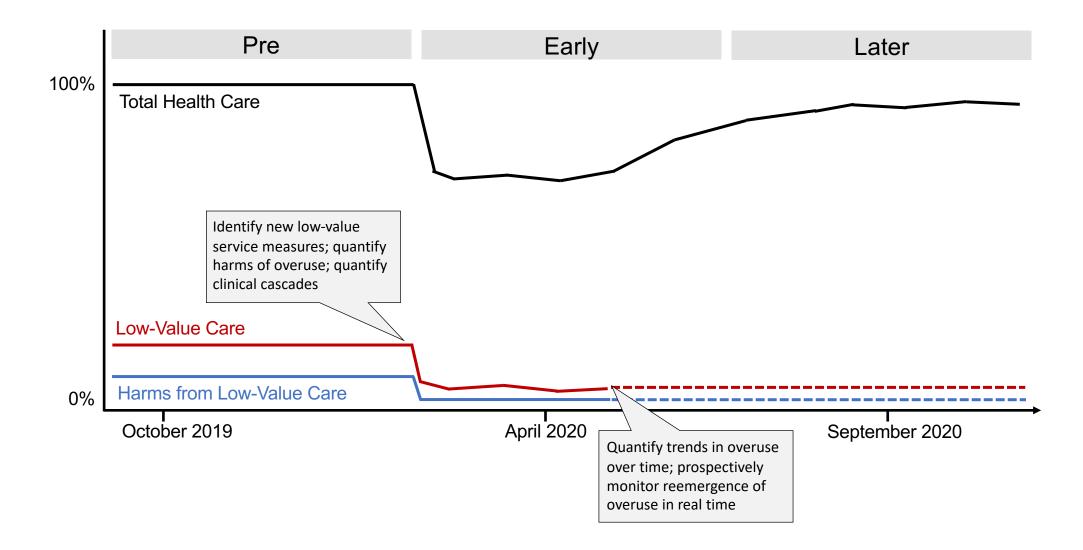
- ► The COVID-19 pandemic has changed the health care landscape in ways that can be leveraged to advance the low-value care research agenda:
- 1) Forced reductions in low-value service use have created the right conditions to test hypotheses about the consequences of low-value care.
- 2) The disruption caused by COVID-19 has created a **resource limited environment**, which should motivate diverse stakeholders to measure and eliminate low-value service use.
- 3) Abrupt changes to the structures and processes of care delivery have created the right conditions to test hypotheses about the drivers of low-value care.

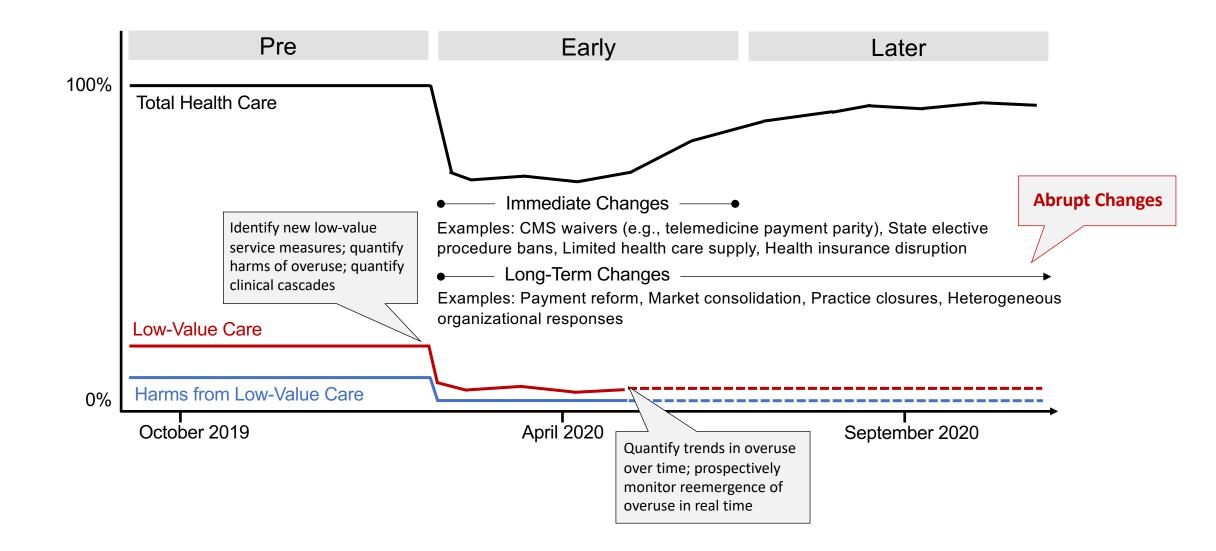


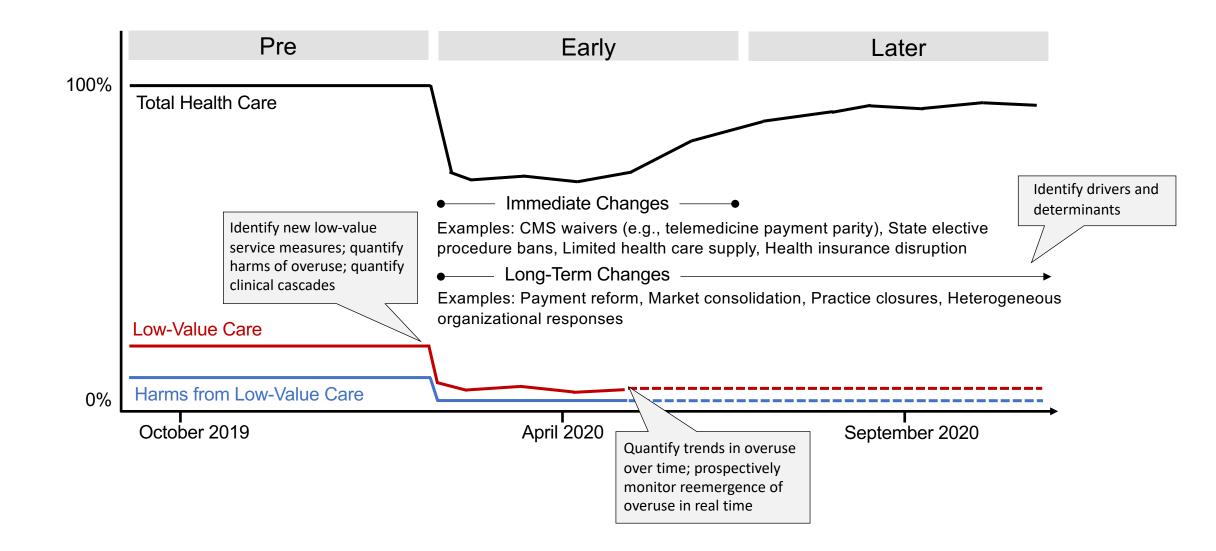












#### Low-Value Care Research Opportunities Post-COVID

#### Quantify

#### Sudden Shutdown of Elective Procedures

-Identify new low-value service measures

#### Resource Scarcity

- -Quantify trends overuse nationally, regionally, and across health systems, before, during and after COVID-19
- -Prospectively monitor the reemergence of overuse in real time, even incorporating overuse as a standard component of quality reporting

#### Drivers and Determinants

Abrupt Changes to Health Care Structures and Processes

-Identify factors that contribute to overuse

#### **▶** Outcomes

#### Sudden Shutdown of Elective Procedures

- -Describe and quantify the physical, psychological, and non-clinical harms attributable to low-value care
- -Describe and quantify the effect of low-value service use on downstream clinical cascades
- -Examine if receipt of low-value care disproportionately harms certain patient populations



# Q&A



