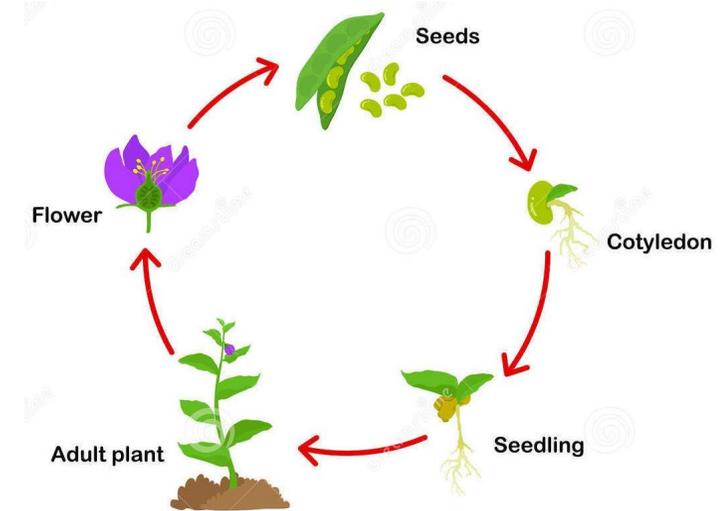


# The Life Cycle of a Health Disparities Researcher



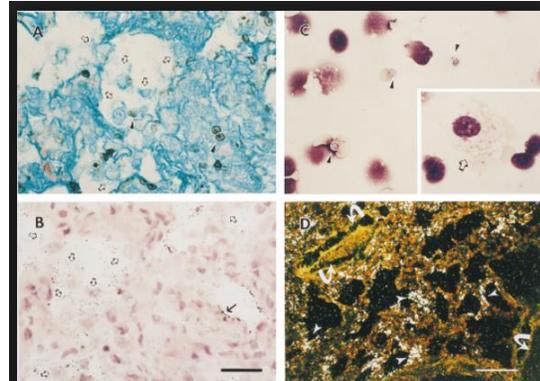
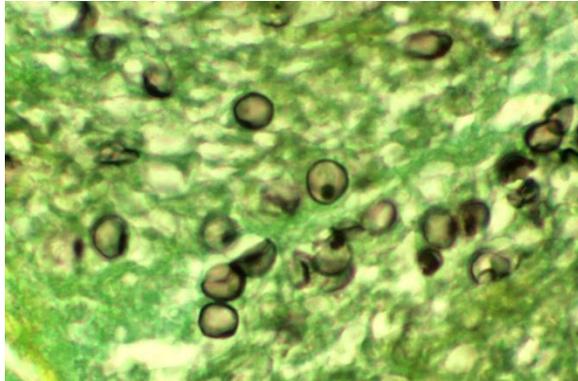
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Institute for Healthcare Policy & Innovation  
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# Disclosures

- NIH/NCI U01 Grant to expand genetic counseling & testing
- Consultant on CMS Contract with PBGH to develop PROs
- Owner, *Transforming the Narrative*







Oh no!  
What am I  
going to  
be when I  
grow up?







One attribute of chemotherapy in the adjuvant setting is prescription of full doses, particularly with the first cycle.



Another attribute of chemotherapy in the adjuvant setting is the use of standard (guideline-concordant) chemotherapy regimens.

## Treatment with non-standard regimen

### Multivariate logistic regression analysis

| Variable                      | Odds Ratio | 95% C.I.       | P-value                    |
|-------------------------------|------------|----------------|----------------------------|
| Stage                         |            |                | p-value for trend < 0.0001 |
| Stage I                       | 1.00       | ---            |                            |
| Stage II                      | 2.98       | (2.17 – 4.10)  |                            |
| Stage III                     | 8.90       | (4.71 – 16.85) |                            |
| Black race                    | 2.01       | (1.15 – 3.50)  | 0.02                       |
| Education                     |            |                | p-value for trend 0.03     |
| Less than high school         | 3.42       | (1.18 – 9.89)  |                            |
| High school graduate/other    | 1.85       | (1.09 – 3.14)  |                            |
| College graduate              | 1.00       | ---            |                            |
| Age (years)                   | 1.01       | (0.97 – 1.04)  | 0.76                       |
| Charlson Comorbidity $\geq 1$ | 0.98       | (0.52 – 1.84)  | 0.95                       |

R-square = 0.154

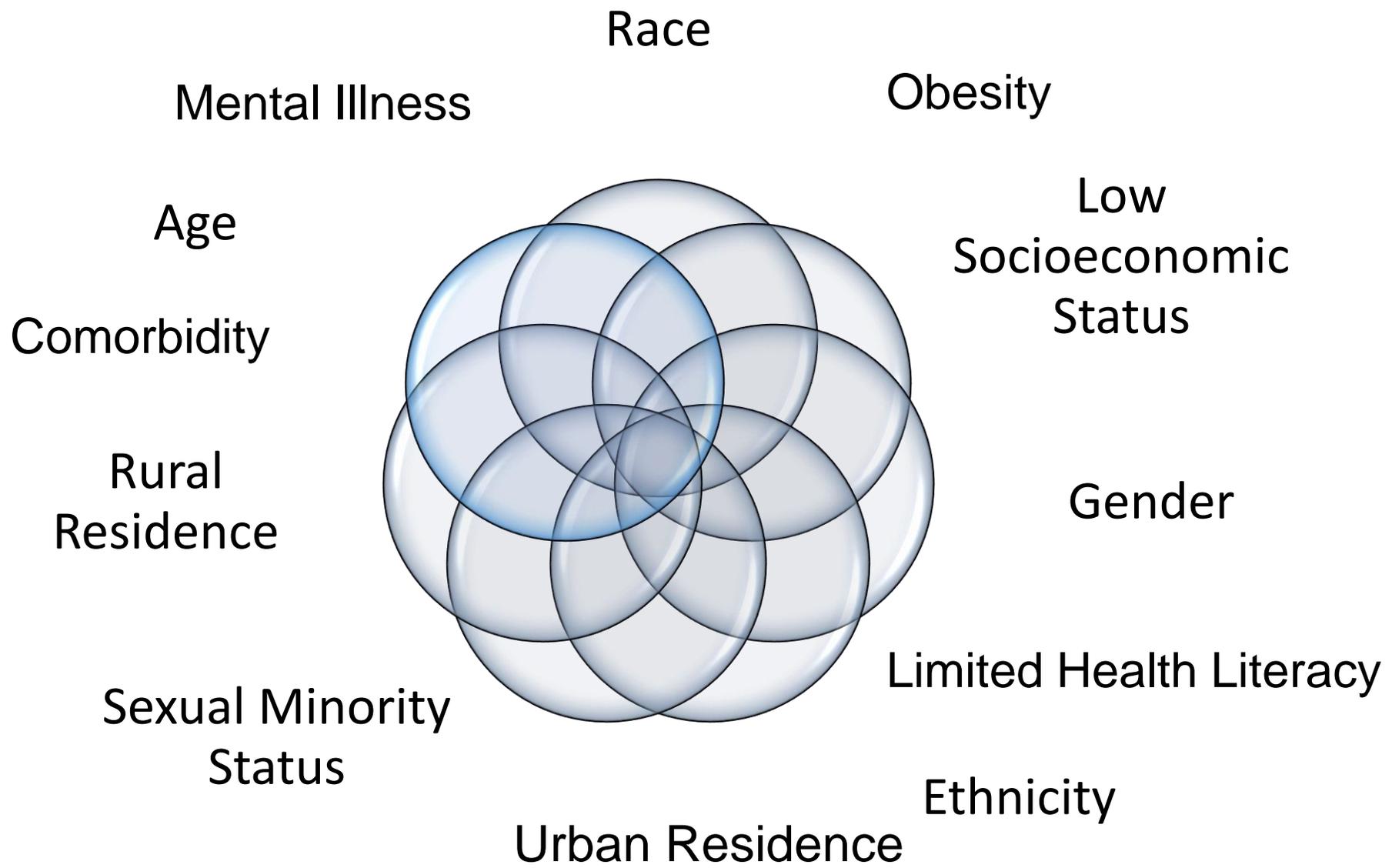
C-statistic = 0.746

Controlling for geographic region, job category, employment status, insurance status & type

## Treatment with First-Cycle Dose Reductions Multivariate Analysis (Logistic Regression)

### Odds Ratio (95% C.I.)

|                                   |                |      |               |
|-----------------------------------|----------------|------|---------------|
| <b>Age (years)</b>                |                | 1.01 | (0.99, 1.04)  |
| <b>CCI &gt; 0</b>                 |                | 1.16 | (0.60, 2.27)  |
| <b>BMI</b>                        | Normal         |      |               |
|                                   | Overweight     | 1.18 | (0.59, 2.37)  |
|                                   | Obese          | 2.47 | (1.18, 5.19)  |
|                                   | Severely obese | 4.04 | (1.93, 8.43)  |
| <b>Education &lt; high school</b> |                | 3.07 | (1.33, 7.09)  |
| <b>Race</b>                       | Nonwhite       | 1.30 | (0.68, 2.48)  |
| <b>Region</b>                     | Northeast      |      |               |
|                                   | Central        | 1.60 | (0.64, 4.37)  |
|                                   | West Coast     | 0.90 | (0.30, 2.76)  |
|                                   | South          | 5.58 | (2.27, 13.67) |



# Societal Factors

Environment

Public  
Policy

Social  
Context

## Health System

Organizational

Cultural

Access

### Patient-Provider Encounters

Patient  
Factors

Provider  
Factors

Family &  
Support  
System

# Societal Factors

Environment

Public Policy

Social Context

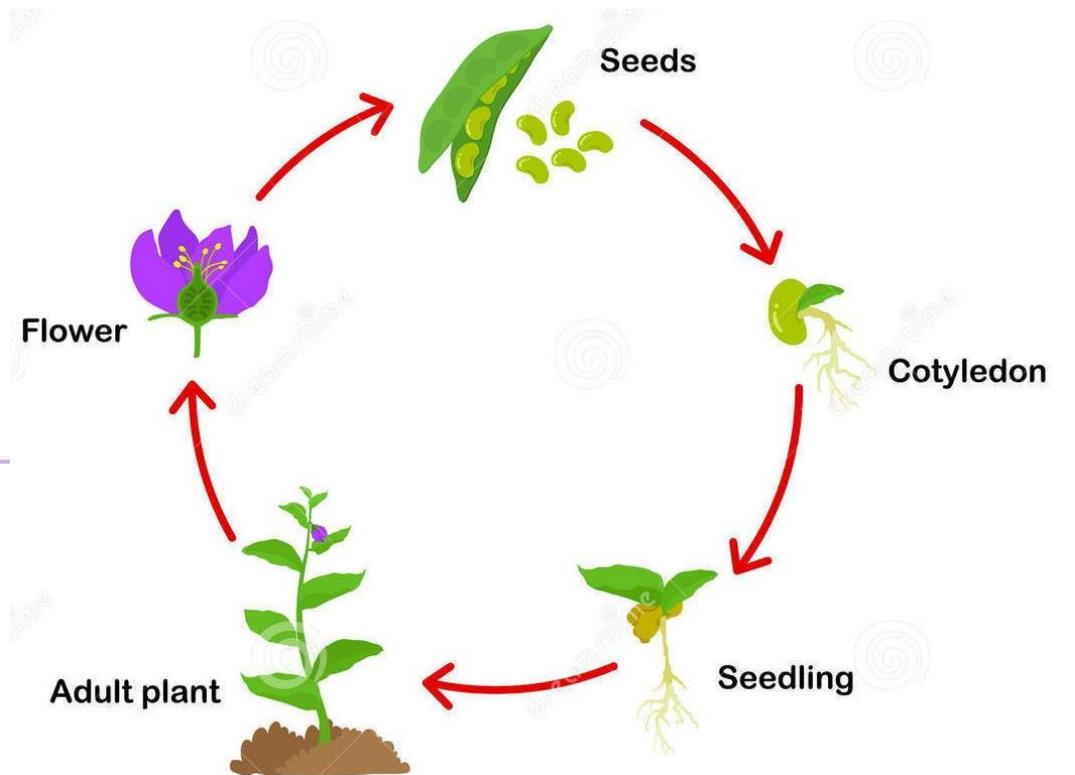
Structural racism  
Structural violence

Health System

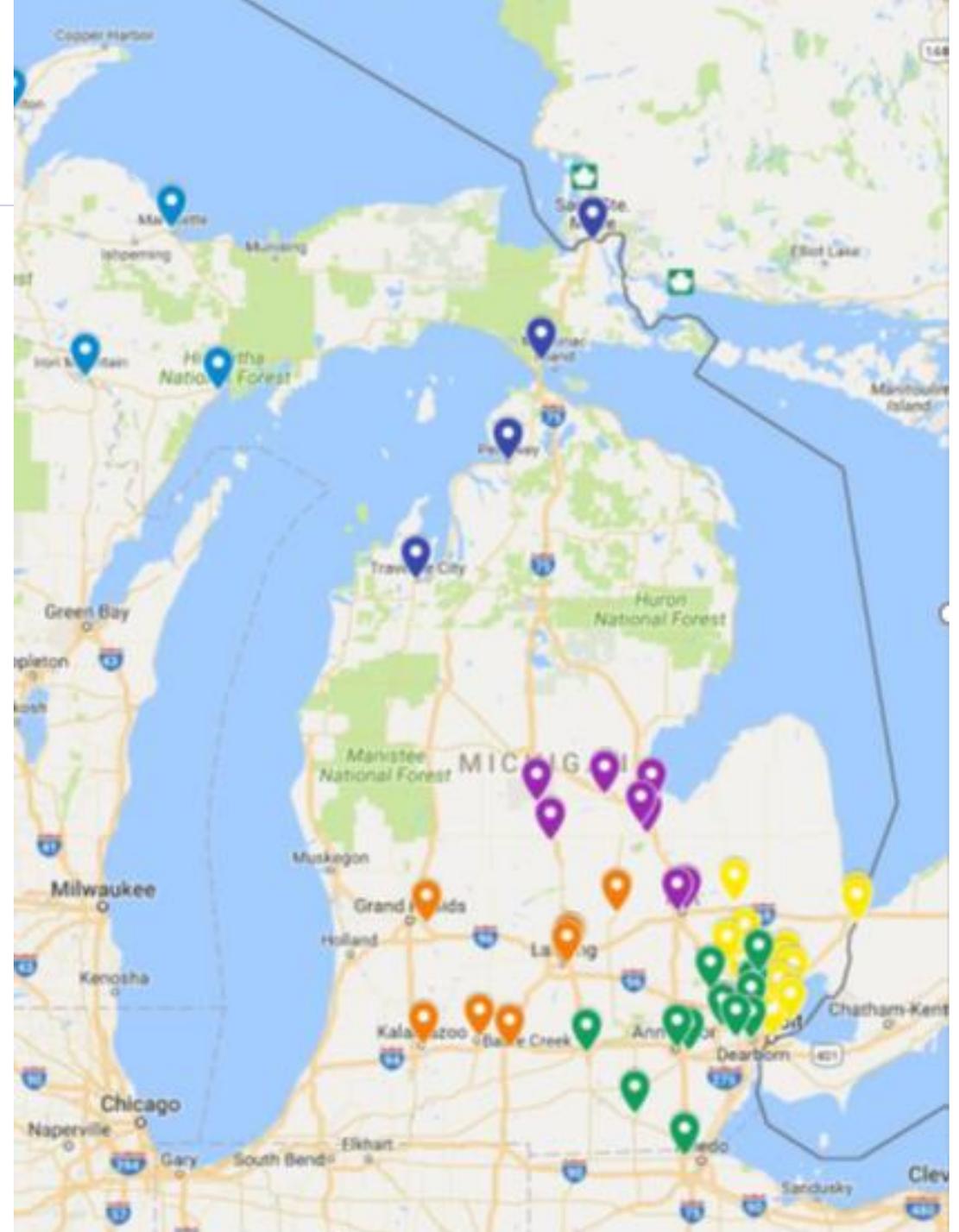
Patient-Provider

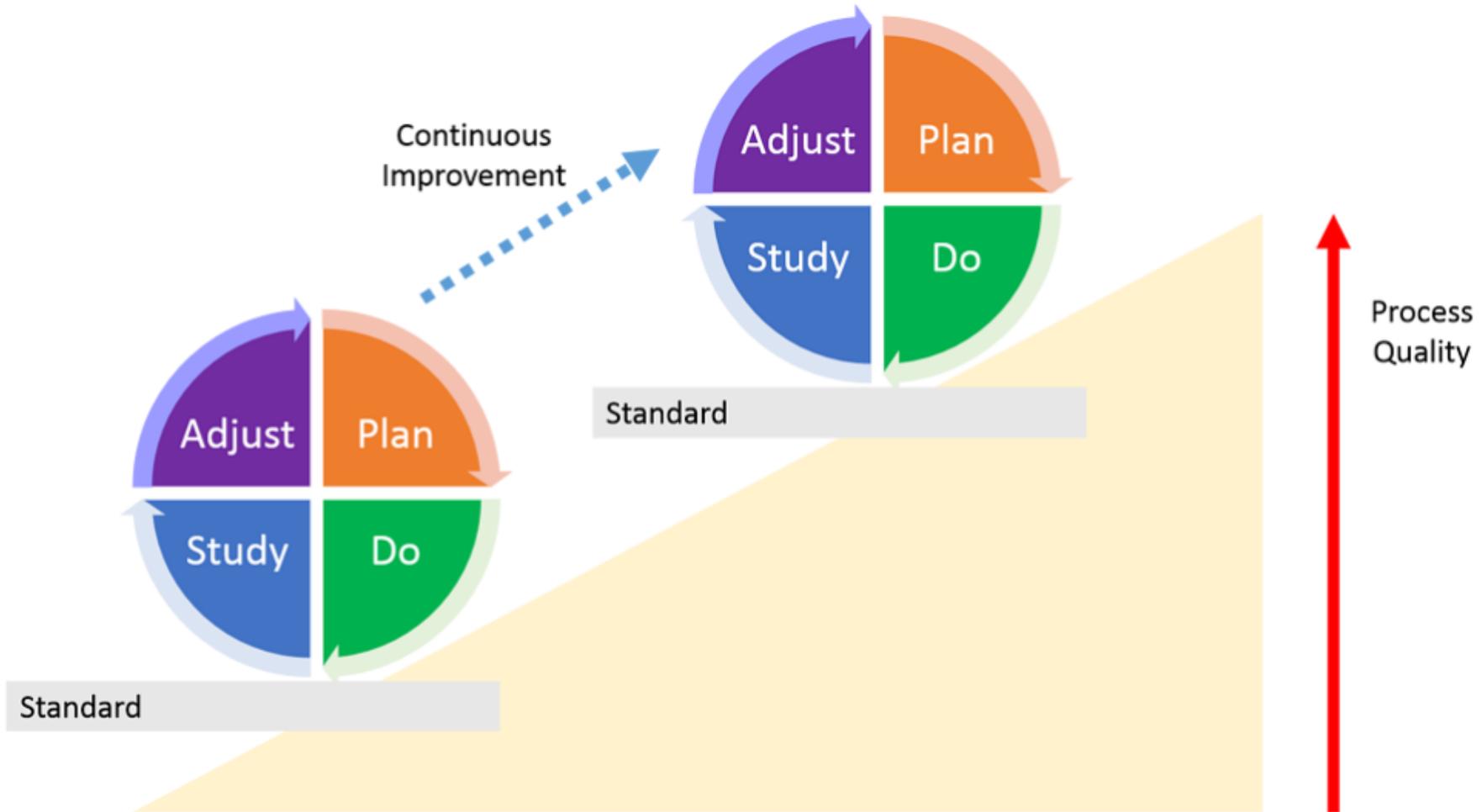
# MOOC

MICHIGAN ONCOLOGY  
QUALITY CONSORTIUM



- Collaborative of medical and gyn oncologists
- Nearly 100% of oncologists in Michigan
- Goal is to measure & improve quality of cancer care
- Membership is voluntary
  
- Sponsored by BCBSM but data collected on all patient *regardless* of insurance status or type
- Quality measures selected from QOPI platform
- No more than 18 measures selected
- Input from all stakeholders valued equally in selecting
- Patients and caregivers make final decisions





# MOQC Priorities

- Compassion
- Understanding of and respect for faith & culture in the cancer journey
- Deep listening to our patients, families, and each other



EN  
NA

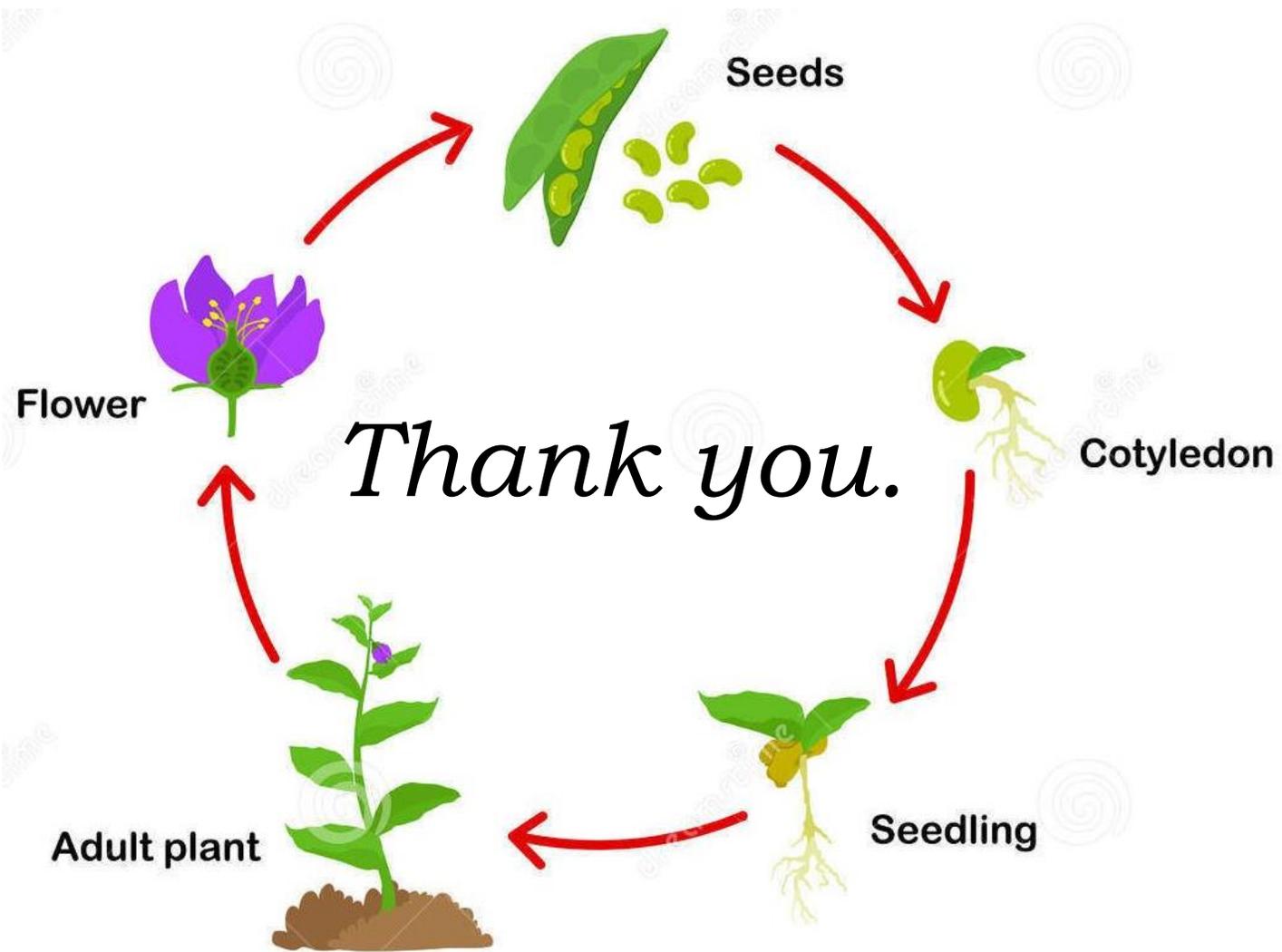
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