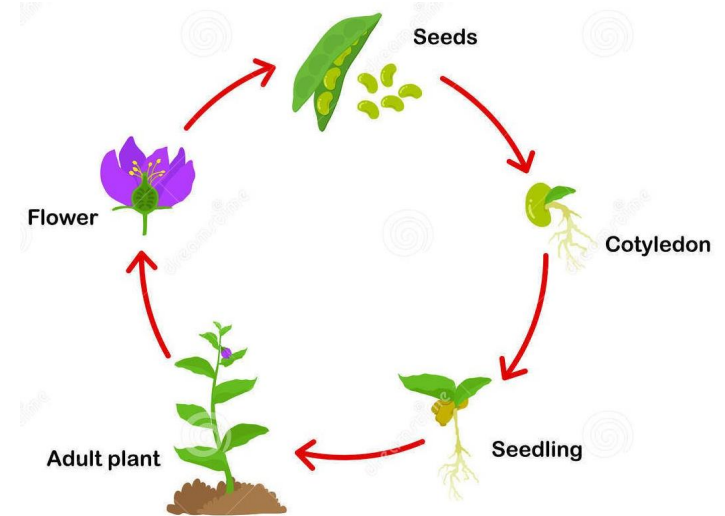


# The Life Cycle of a Health Disparities Researcher



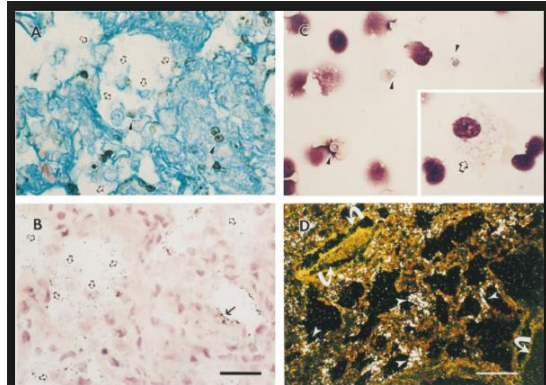
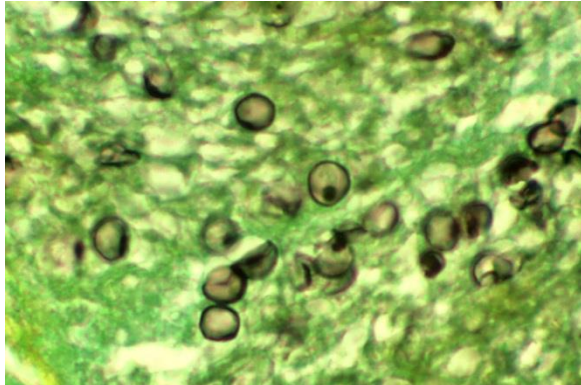
Jennifer J. Griggs, MD, MPH, FACP, FASCO  
Professor, Department of Medicine, Hematology/Oncology &  
Health Management & Policy  
Institute for Healthcare Policy & Innovation  
Program Director, Michigan Oncology Quality Consortium



# 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

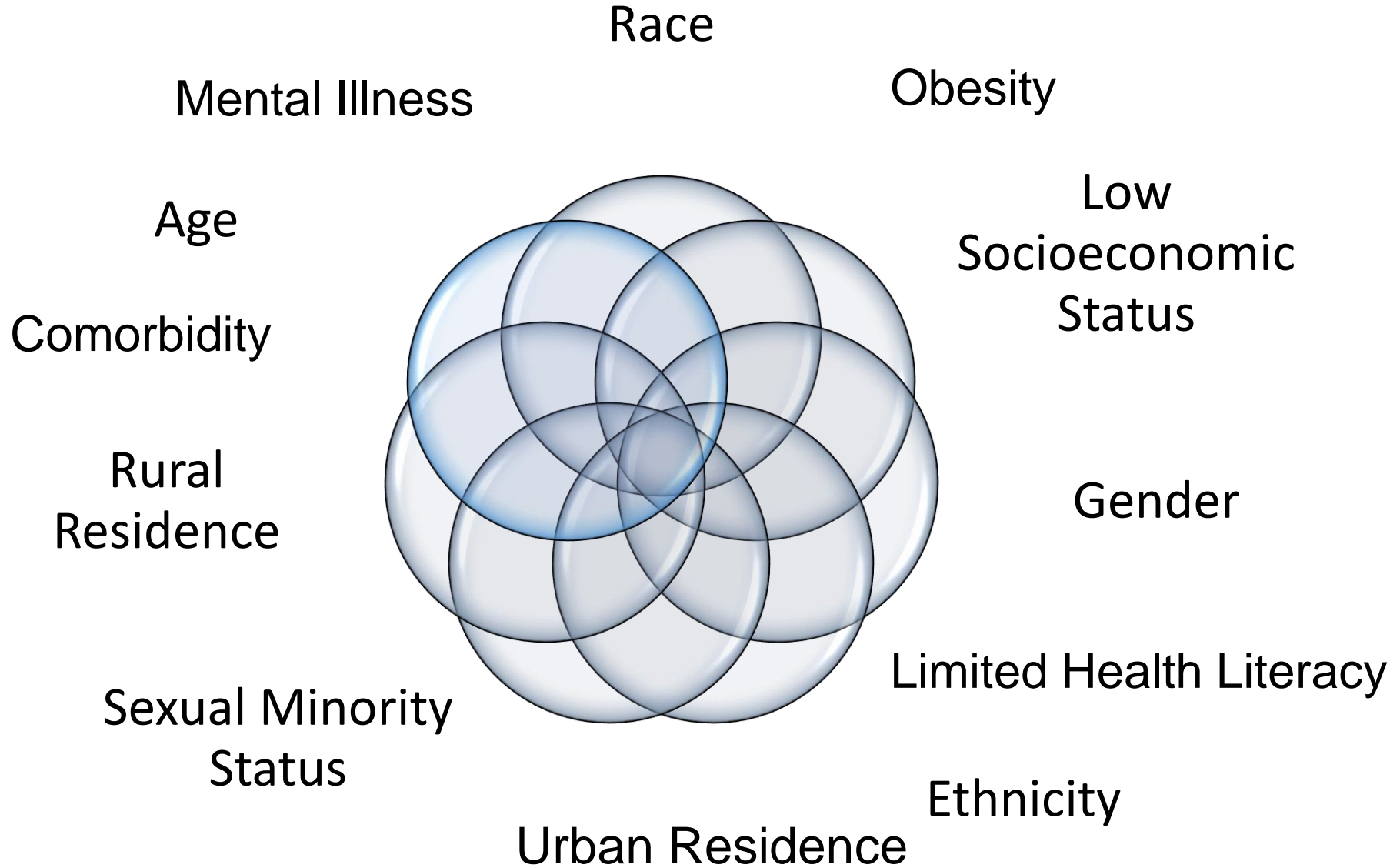
Controlling for geographic region, job category, employment status, insurance status & type

# 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

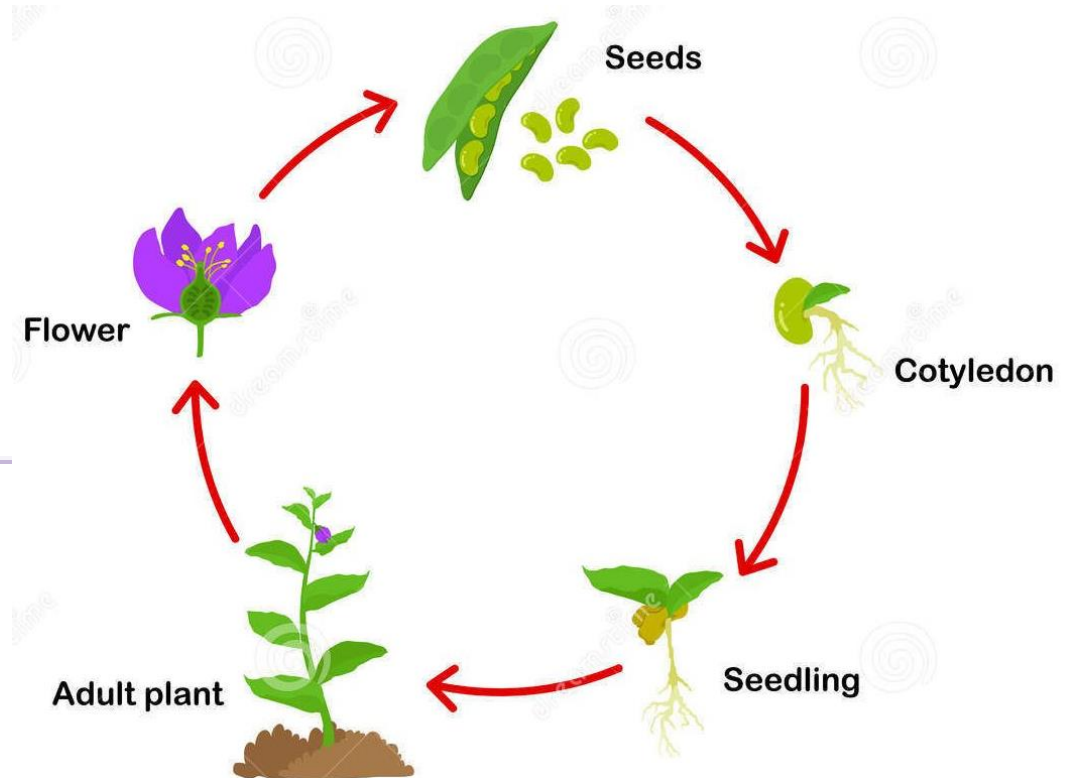
Social Context

Structural racism  
Structural violence

Health System

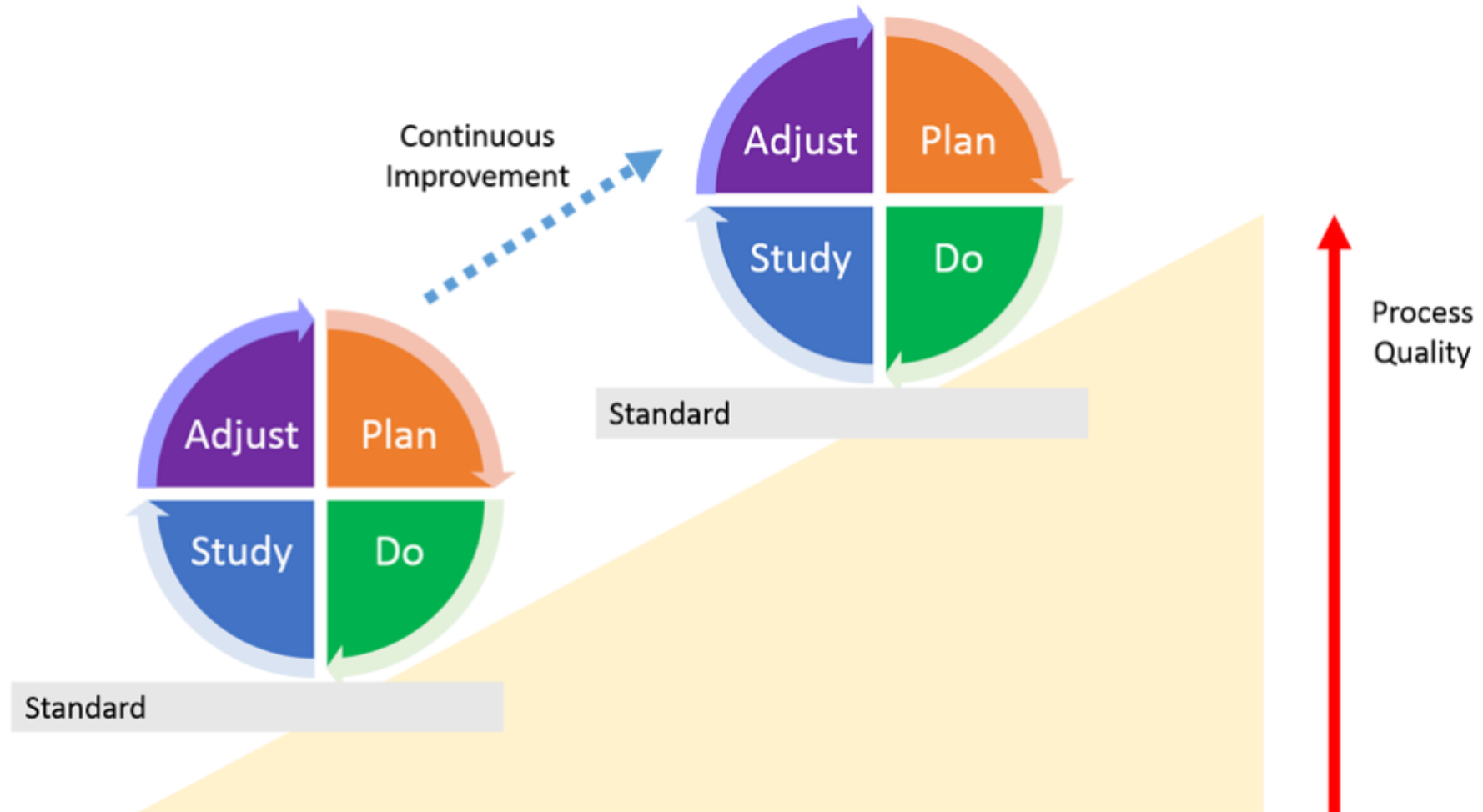
Patient-Provider





- 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

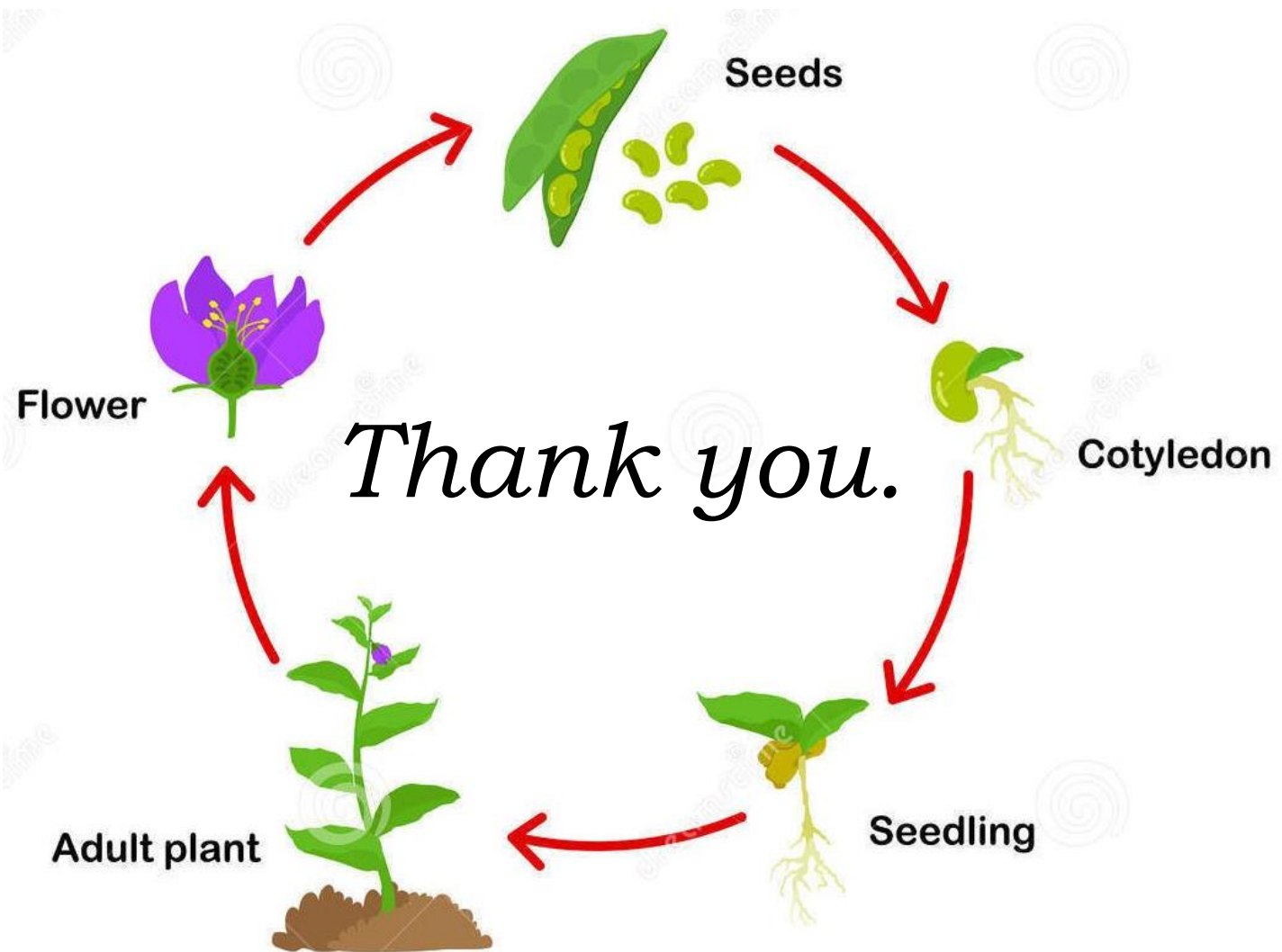
- Compassion
- Understanding of and respect for faith & culture in the cancer journey
- Deep listening to our patients, families, and each other











Jennifer Griggs  
jengrigg@umich.edu

