

# Questions I Wished I'd Asked:

## Cervical Cancer (CC) Survivors' Perceptions About Provider Education on the Impact of Treatment on Sexual Health

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### INTRODUCTION

- 14,100 U.S. women diagnosed with CC annually
- Patient – oncology provider communication focuses on combating disease
- CC survivors report the topic of sex is not introduced
- CC survivors feel providers should routinely ask about sexual health

### PURPOSE

- Collect the experiences of CC survivors related to the information they received about how their diagnosis & treatment may impact sexual health

### METHODOLOGY – ELECTRONIC SURVEY

#### Independent Variables

- Respondent demographics
- Provider demographics

#### Dependent Variables

- Modified BETTER model as questionnaire
- Additional question – fertility preservation
- Social/Cultural Impact of diagnosis
- Any unanswered questions

#### Sample of Convenience

- CC survivors (n=89)
- Snowball sampling through NCCC Chapters

#### Descriptive Analysis

- Stata software v.13

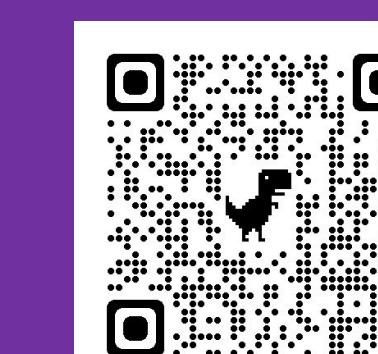
# Cervical Cancer Patients Want to Know How Treatment Options Will Impact Their Sexual Health



Baylor University

COLLEGE OF ARTS & SCIENCES  
Department of Anthropology

This poster honors the memory of  
Dr. Kathryn Coe, PhD  
who was not just our mentor, but who also supported this research project.



### RESULTS

#### Statistical Significance

- Did provider explain that you could discuss any concern during treatment? – Association 57% of those who answered “no” were at lower end of educational level while 43% of those with a bachelors or higher answered “no” ( $p = .0433$ )
- Was gender of health care provider associated with offer of information on fertility preservation? – Female providers were 31% more likely to offer information on treatment option and fertility. Association with provider gender ( $p = .0211$ ). Relationship to provider gender likelihood ( $p < .05$ ).

#### Clinical Significance

- Majority of respondents reported that **no information** was discussed on 1) quality of life related to sexuality, 2) resources to address sexual concerns, 3) asking about sexual health during treatment, 4) how side effects would impact sex & 5) fertility preservation.

Educational Level and Explanation of Concerns (n=78)

Education Level	Talk About Any Concerns		Total n(%)
	Yes n(%)	No n(%)	
High School	9 (15.79)	6 (28.57)	15 (19.23)
Some College	24 (42.11)	6 (28.57)	30 (38.46)
Associates	5 (8.77)	0	5 (6.41)
Undergraduate Degree	9 (15.79)	2 (9.52)	11 (14.10)
Some Graduate School	3 (5.26)	2 (9.52)	5 (6.41)
Master's Degree	7 (12.28)	2 (9.52)	9 (11.54)
Doctoral Degree	0	3 (14.29)	3 (3.85)
<b>Total</b>	<b>57 (100)</b>	<b>21 (100)</b>	<b>78 (100)</b>

Note:  $\chi^2 = 12.98, p = .0433$

Healthcare Provider Gender and offer of Information on Preserving Fertility (n=48)

Provider Gender	Information on Fertility Preservation		Total n(%)
	Yes n(%)	No n(%)	
Female	8 (61.54)	9 (25.57)	17 (100)
Male	5 (38.46)	26 (74.29)	31 (100)
<b>Total</b>	<b>13 (100)</b>	<b>35 (100)</b>	<b>48 (100)</b>

Note:  $\chi^2 = 5.31, p = .0211$