

- + • Development and Evaluation of a Sex Trafficking Education Program for Obstetric/Gynecology, Emergency Medicine, and Family Medicine Residents: A Mixed Methods Study

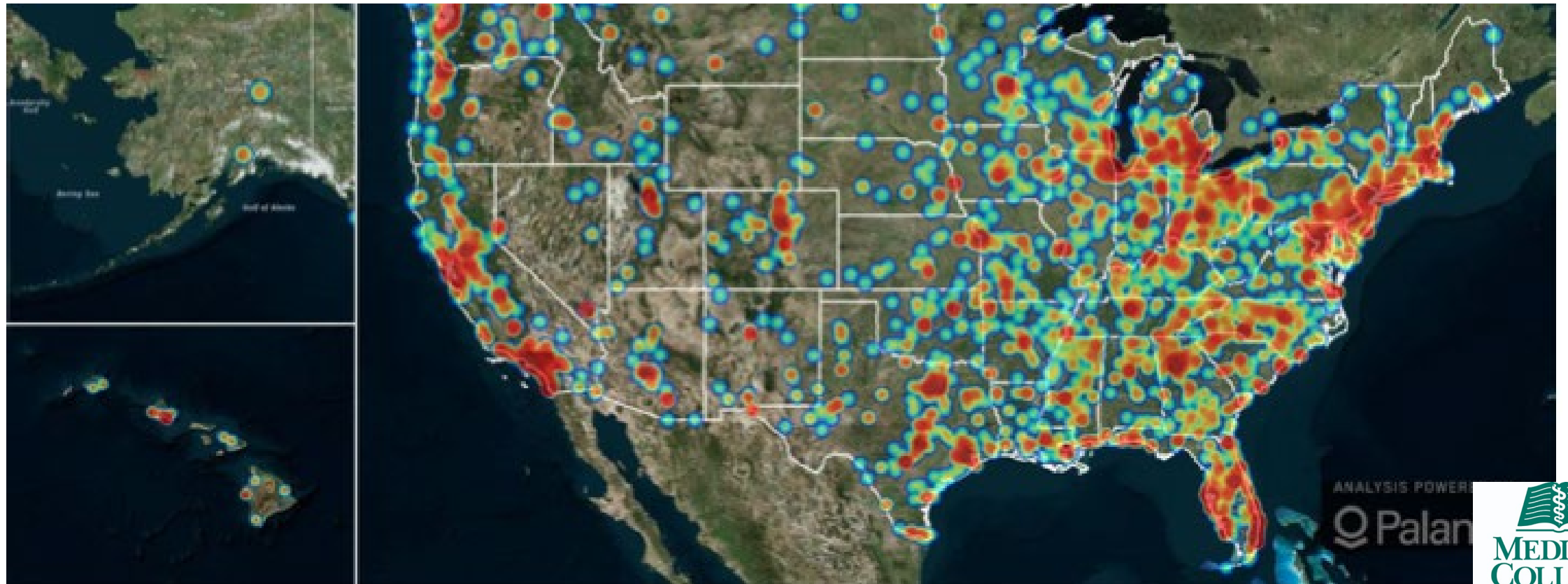
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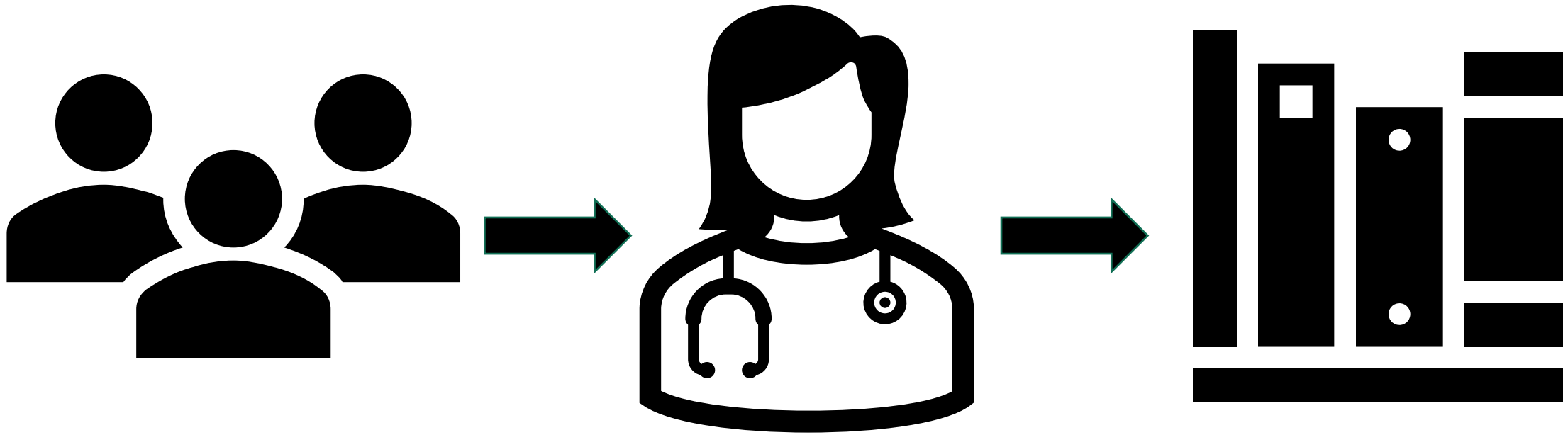
SEX TRAFFICKING  
CASES IN THE U.S. IN  
2019.

- 8,248 cases of sex trafficking
- 1,236 cases of labor trafficking
- 505 cases of sex and labor trafficking



Between  
January 1<sup>st</sup>  
2013 and  
December  
31<sup>st</sup> 2016...

...340 individuals ages 25 and  
under were confirmed or  
believed to be victims of sex  
trafficking in Milwaukee.



# Background

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# Research Question and Aims

Purpose: To investigate the efficacy of a sex trafficking education program on Obstetric/Gynecology, Emergency Medicine, and Family Medicine Residents to identify and care for victims of sex trafficking.

Hypothesis: The education program would increase residents' knowledge and confidence in caring for victims of sex trafficking.

## Aims and objectives

1. Increase residents' knowledge and of sex trafficking in the United States and Milwaukee.
2. Increase residents' confidence in caring for victims of sex trafficking.

# Study Design

## Research Design:

- Prospective Explanatory Sequential Mixed-Methods Education Intervention
- Education Intervention:
  - 45-minute session
  - Virtual or In-Person

## Survey:

- Validated Pre-, immediate-post, and about 5-month-post education survey
- Survey created and disseminated through Qualtrics

## Focus Group:

- A heterogenous group of 4 residents
- Semi-structured questions
- Recorded and transcribed

# Survey Question Examples

Q9 A 17-year-old comes to the ER complaining of abdominal pain and tests positive for gonorrhea. During a social history you find out she's having sex with adult men for money. How would you best classify the patient?

- Prostitute
- Sex trafficking victim
- Child abuse victim
- I do not know

Q21 How confident do you feel in your ability...

	Not at all confident (1)	Somewhat confident (2)	Confident (3)	Moderately confident (4)	Extremely Confident (5)
Identify victims of sex trafficking (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ask screening questions (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify what medical evaluation and treatment are indicated (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Provide community resources to potential victims (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Address and discuss the topic with the patient (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

# Demographics

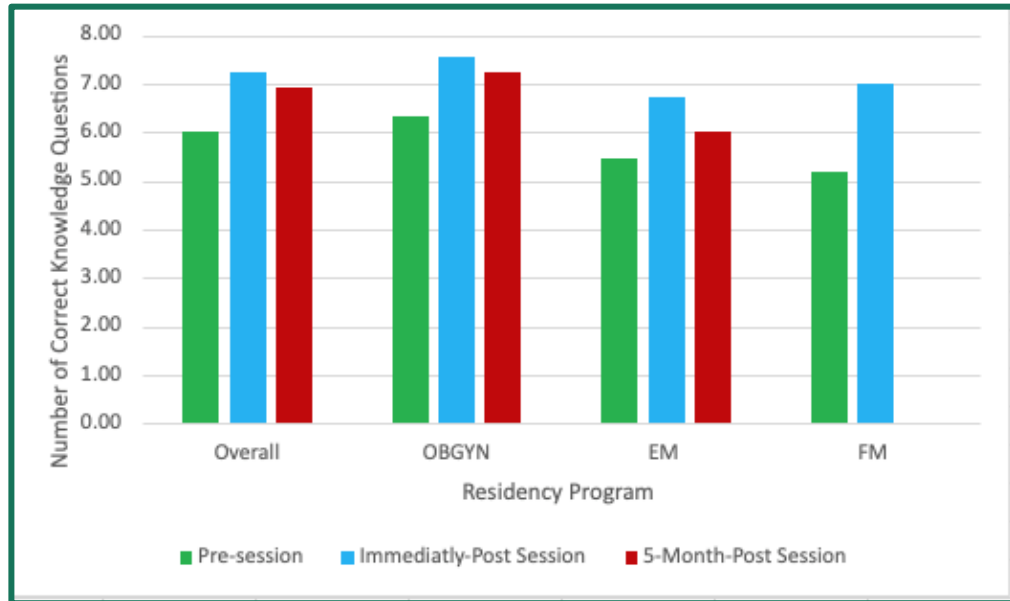
	Overall	OBGYN Residents	Emergency Medicine Residents	Family Medicine Residents
Pre-survey completion	48	32	11	5
Gender				
Male	16	6	8	2
Female	31	26	3	2
Other	1	0	0	1
Year in Residency				
First	18	12	6	1
Second	8	7		3
Third	10	6	4	1
Fourth	5	5	0	0
Prefer Not to Respond	2	2	0	0



# Survey Completion

	Received Survey Link	Completed Pre-Session Survey	Completed Immediately Post-Session Survey	Completed 5-Month Post-Session Survey	Pre- and Immediately Post-Session Surveys Linked	Pre-, Immediately-Post, and 5-Month Post-Session Survey Linked
OBGYN	40	32	16	9	10	4
Emergency Medicine	31	11	7	3	2	0
Family Medicine	26	5	5	N/A	2	N/A

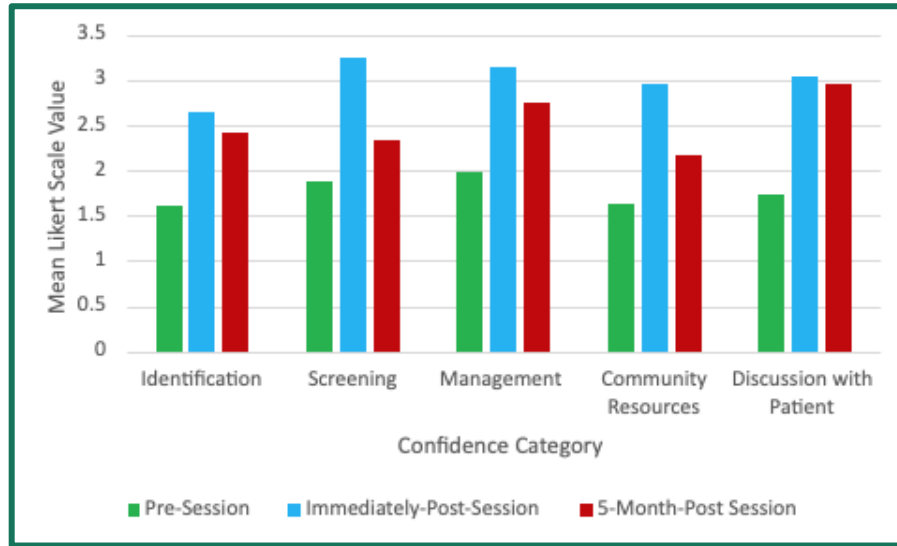
# Change in Knowledge



"now when I have a patient with multiple STIs like automatically that's the first thing I think about whereas like before you know your doctor mind is always like just like lets just treat all of these and carry on"

Pre-Education Session		Immediately-Post Education Session		Difference		
Mean	SD	Mean	SD	Mean	SD	T Observed
5.92	1.63	7.71	0.91	1.78	1.71	3.88

# Change in Confidence Level



"I feel like the more that we talk about it, I think the easier it is to be aware of and like know what to do when we have a suspicion"

	Pre-Education Session		Immediately-Post-Education Session		Difference		T Observed
	Mean	SD	Mean	SD	Mean	SD	
Identification	1.42	0.51	3.07	0.82	1.64	0.63	9.7
Screening	1.71	0.82	3.78	0.89	2.07	0.82	9.35
Management	1.85	1.16	3.5	0.85	1.64	1.21	5.05
Community Resources	1.42	0.85	3.38	1.06	1.85	1.23	5.64
Patient Discussion	1.42	0.75	3.28	1.06	1.85	1.16	5.95

When asked “do you routinely screen individuals for sex trafficking in your practice?”

- 3 residents who did NOT screen pre-session SCREEN 5 months-post-session

# Conclusions

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## If you only remember one thing from this presentation:

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  - With targeted resident education that includes mindful curricular design and implementation to meet the various needs of residents (i.e. time constraints, variable clinical knowledge and experience) along with intentional data collection methods, we can support efforts to combat sex trafficking among trainees in various specialties.
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# Acknowledgements

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