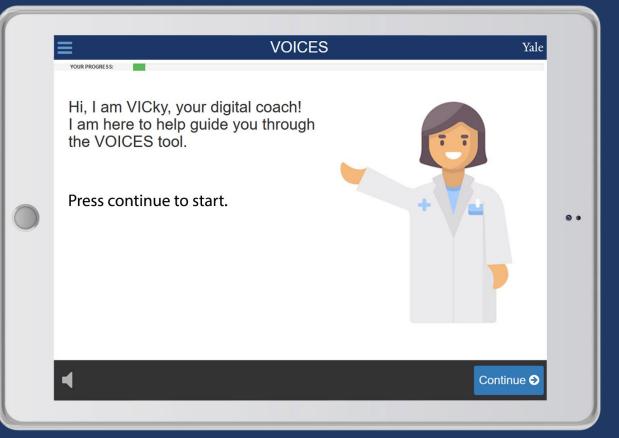
# VOICES: Digital Elder Mistreatment Intervention



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### BACKGROUND / OBJECTIVES

#### Elder mistreatment (EM) is a problematic, national public health issue:

- Estimated 1 in 10 adults (60 years and older) experience EM
  - > Many experience multiple forms simultaneously (1)
- > Common forms of EM: Physical, emotional, sexual abuse, financial exploitation, neglect and abandonment (2)
- $\succ$  Only 1 in 24 cases are reported to authorities (3)
- > Victims of EM have a 300% higher risk of death (4)
- Multitude of barriers in detecting and reporting EM
- > Most traditional screening methods focus on the healthcare personnel as the screener

#### **Our Objective:**

We sought a paradigm shift in EM detection methods by creating a novel elder abuse screener that is **self-administered** by the *older adult* instead of health care personnel (5)



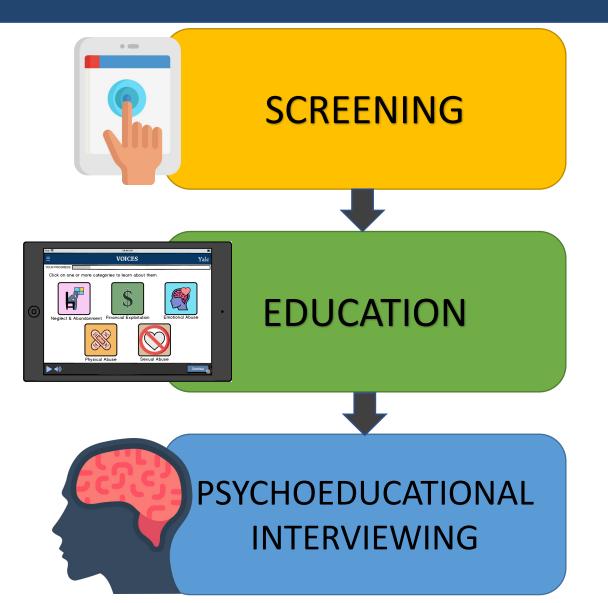
The **VOICES** Elder Mistreatment Intervention is a tablet-based, digital health screener designed to <u>educate</u>, <u>screen</u> and <u>motivate</u> users to privately and confidentially report potential abuse

### **VOICES FEATURES**

Multimedia including animated videos and automated text-to-speech

Customizable, interactive experience guided by patient responses

Private and confidential digital assessment conducted entirely on the iPad with headphones to enhance privacy and accessibility



### **FEASIBILITY STUDIES**

#### DESIGN

We conducted three mixed-methods studies (**VOICES**: n=1,002; VOICES in Primary Care (**VOICES-PC**): n=80; VOICES with cognitively impaired (CI) patients (**VOICES-CI**): n=101) to test the feasibility of **VOICES** at a large, urban emergency department setting and in the primary care setting (6-7)

#### RECRUITMENT

<u>Subjects</u>: Older adult patients visiting the emergency department ages 60+ with or without cognitive impairment (**VOICES, VOICES-CI**) or visiting primary care clinic (**VOICES-PC**) <u>Setting</u>: Yale New Haven Health Emergency Department St. Raphael Campus (**VOICES, VOICES-CI**); Yale Internal Medicine Associates clinic (**VOICES-PC**)



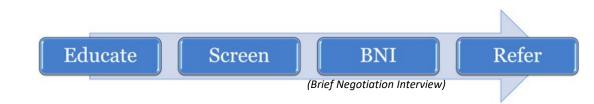
#### **INTERVENTION**

Consent, followed by pre-survey to collect demographics Patients self-administered **VOICES independently** 

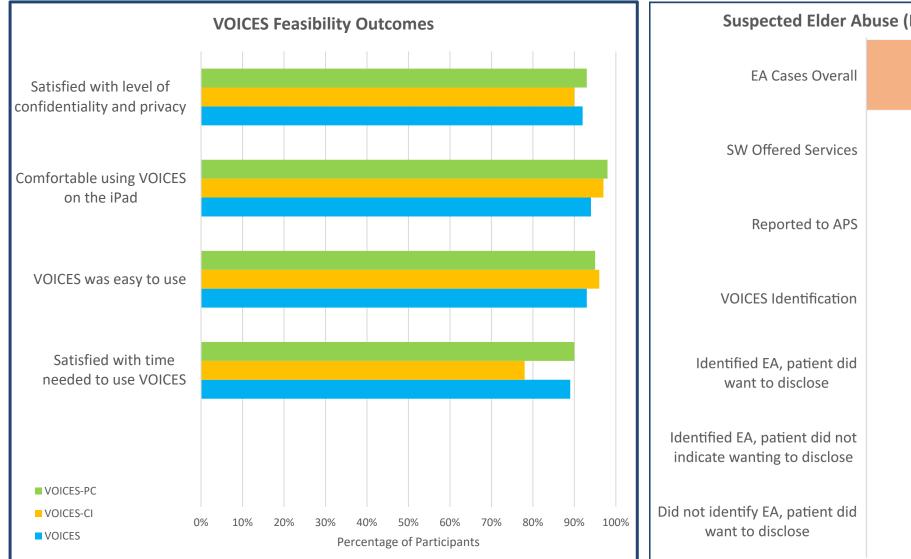
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#### OUTCOMES

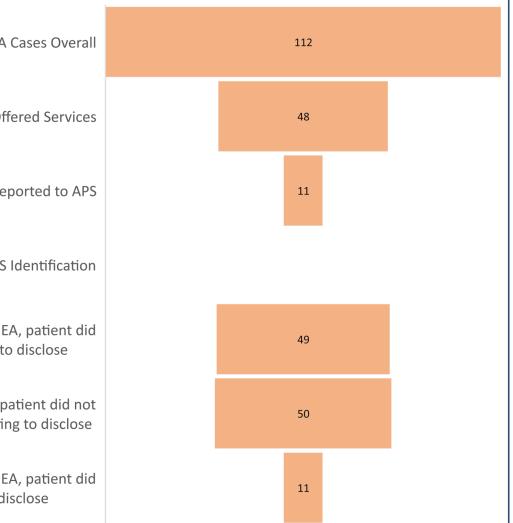
Participants answered a series of validated questions pertaining to <u>feasibility</u>, <u>satisfaction</u>, <u>ease of use</u> and appropriateness







#### Suspected Elder Abuse (EA) Cases for VOICES (n=1,002) Study



### CONCLUSION



Our findings suggest that older adults *with* or *without* cognitive impairment believe that **VOICES** is an <u>acceptable</u>, <u>feasible</u> and <u>easy to use</u> intervention for EA screening

The emergency department and primary care are appropriate settings to integrate VOICES EAI into existing EA screening and disclosure procedures

### **REFERENCES / CONTACT**

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