

Designing A Social Need Screening Tool For Cancer Patients

Jess Davis

Mentor: Krisda Chaiyachati, MD, MPH, MSHP

Roadmap



Early SUMR

Definitions
Problems

Project

Significance
Questions
Aim
Phases
Methods

Experiences

Results
Findings
Reflections

2) HSRers 3) PRESENTATION SCREEN 1) ME



Social Determinants of Health (SDH)

“conditions in the settings where we live, learn, work, play, and worship, that can risk or affect our health, functioning, and quality-of-life outcomes”



**World Health
Organization**



**CENTERS FOR DISEASE
CONTROL AND PREVENTION**









A Social Need Screening Tool

... Basically a survey.

AcademyHealth Take Away?

There were a lot of different SDH presentations

AcademyHealth Take Away?

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AcademyHealth Take Away?

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AcademyHealth Take Away?

There were a lot of different SDH presentations, talking about a lot of different screening tools, which all ask a lot of different questions about a lot of different social needs.



Great!



not so
great...

Knows a
thing or
two
about
research



Phases
1, 2, 3, & 4



June,
July,
August



“Target N = 20
...maybe 50
...100 would be
great though!”

Project Significance

There's a demand for a social need screening tool in a health care setting that lacks one.

The Demand at Penn Med

Cancer care providers
don't screen their cancer
patients for social needs...

The Problem

...and without a screening tool,
the magnitude of cancer
patients' social needs is
unknown.

Great!



not so
great...

Project Overview

A research **study** to address
this **problem** of **the unknown.**

Project Aim

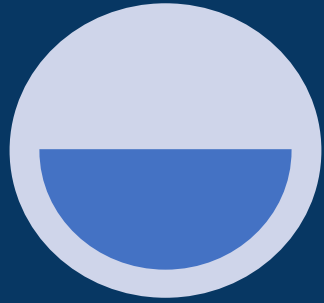
Identify the social needs of cancer patients to improve their treatment experiences & outcomes.





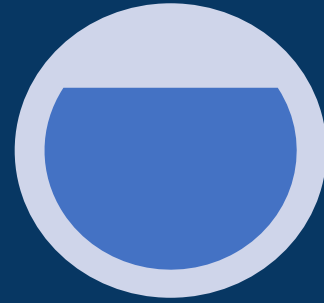
Phase 1

create &
pretest
questions



Phase 2

administer
iPad survey



Phase 3

use the
information



Phase 4

routine
care

SURVEY DEVELOPMENT

DATA ANALYSIS

Three Research Questions

1. Are the questions acceptable to patients?
2. What is the magnitude of cancer patients' social needs?
3. Are certain social needs more prevalent among this population?

Target Population

Age 18+

Any cancer diagnosis

Penn Med cancer treatment facility

West PHL Zip Codes: 191... 04, 31, 39, 43, 51



Two Locations



Penn Presbyterian Medical Center (PPMC)

Community hospital

39th & Market

Mainstream cancers

Public health insurance

Low income patients

Penn Center for Advanced Medicine (PCAM)

Specialist hospital

34th & Spruce

Rare cancers

Private health insurance

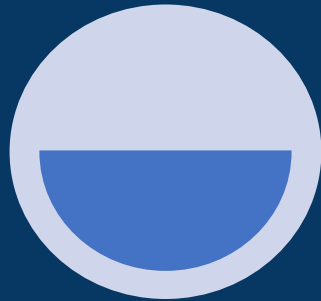
Well-off patients

Methods

SURVEY DEVELOPMENT

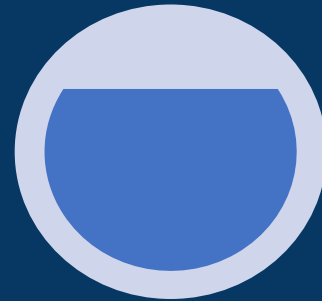


Phase 1



Phase 2

DATA ANALYSIS



Phase 3



Phase 4

Methods



Phase 1

create &
pretest
questions



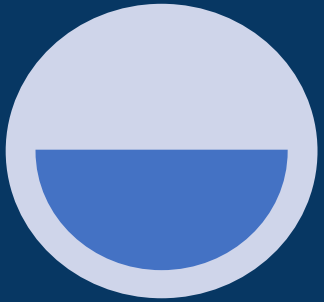
**Pre-
testing**

N = 22

- Literature
- Questions design
- Expert opinion:
 - social workers
 - oncologists
 - physicians
 - researchers & professors
 - RNs & nurse managers
 - cancer center administrators



Methods

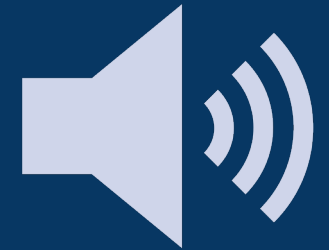


Phase 2

administer
iPad
survey

...
Piloting
N = 10

- REDCap online
- REDCap mobile app
- iPads & tablets



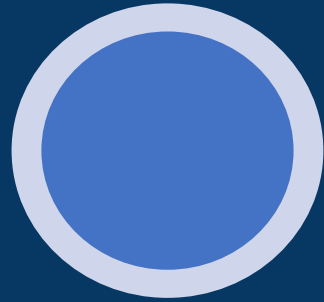
Methods



Phase 3

use the
information

&



Phase 4

routine
care

TBD



- Resources
- Professionals
& Specialists
- Interventions
- Initiatives
- Programs

Results

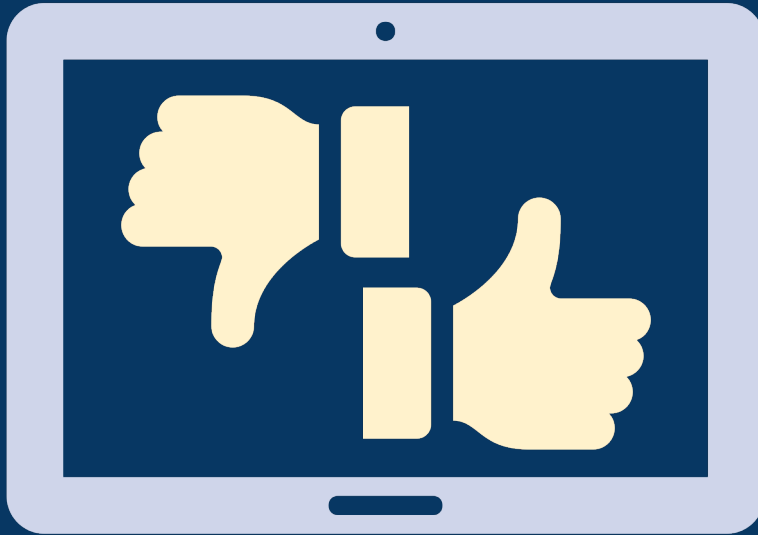
HOW DOES IT



LOOK?



Results



Informed Consent
On iPad

SECTION ONE - INFORMED CONSENT FORM

Please read the following 4 pages, then press "Next Page" when you're done.

Informed Consent Form, Page 1 of 4:

SOCIAL NEEDS OF CANCER PATIENTS

**UNIVERSITY OF PENNSYLVANIA
RESEARCH SUBJECT
INFORMED CONSENT AND HIPAA AUTHORIZATION FORM**

Protocol Title: Social needs of cancer patients

Principal Investigator: Krisda Chaiyachati, MD, MSHP
1313 Blockley Hall, 423 Guardian Dr.
Philadelphia, PA 19104-6021
(215) 898-2257
kchai@pennmedicine.upenn.edu

Summary

This study will identify the social needs of cancer patients. We expect surveys will be administered to nearly 1000 patients receiving chemotherapy or radiation treatments at a Penn Medicine facility.

Why am I being asked to volunteer?

You are being asked to take part in a research study. Your participation is voluntary which means you can choose whether or not to participate. If you decide to participate or not to participate there will be no loss of benefits to which you are otherwise entitled. Before you decide, you will need to know the purpose of the study, the possible risks and benefits of being in the study and what you will have to do if you decide to participate. The research team is going to talk with you about the study and give you this consent document to read. You do not have to make a decision now; you can take the consent document home and share it with friends and family.

1. E-CONSENT FORM



STUDY PARTICIPATION:

Do you agree to participate
in this study?

Yes

No

reset

Enter your first name:

Enter your last name:

You must sign your agreement to join this study.
Press **"Add Signature"** below:

[+ Add signature](#)

When you sign this form, you are agreeing to take part in this research study. If you have any questions or there is something you do not understand, please ask.

Date:



M-D-Y

Press **"Next Page"** to begin the survey.

<< Previous Page

Next Page >>

2. SIGN AGREEMENT



Results



Social Need Survey

SECTION TWO - SOCIAL NEED SURVEY

The next 9 questions will ask about your specific social needs.

You can answer by selecting Never, Sometimes, or Often:

1. FOOD

In the last month, how often have you not eaten enough because you didn't have money to get more?

Never.

Sometimes.

Often.

reset

2. UTILITIES

Do you worry that you will not be able to pay for your electric, gas, oil, or water utility bills?

Never.

Sometimes.

3. SOCIAL NEEDS



Results



Acceptability Survey

These final 7 questions will check if you feel OK with being asked about your social needs.
You can respond by selecting the answer that applies to you & your experiences the most.
NOTE: This is the last section of the survey.

reset

How comfortable would you feel if the staff at this cancer center asked you about your social needs?

Pretesting Findings

- Patients were happy to just be asked.
- Screening positive for some SDH.
- Patients did NOT expect help from cancer center.

Piloting Findings

- Timing is everything.
- When and where to administer?
- Missed appointments — why?
- Record **7** minutes!

Lessons Learned

- Keep it short — 10 questions max.
- Every word is important.
- What you **think** sounds like a good question ...is actually **NOT** a good question.
- Pretest, pretest, pretest

Thank You

Krisda Chaiyachati, MD, MPH, MSHP

Erin Aakhus, MD, MSHP

Lindsey Zinck, RN, MSN, OCN, NEA-BC

Mike Serpa, MS