PINPOINT Project : Interventional Approach in Reducing Disparities in Cancer Care

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Introduction

- PINPOINT stands for Promoting INformed approaches in Precision Oncology and ImmuNoTherapy and is a web-based intervention
- PINPOINT was designed with the aim of reducing cancer care disparities for African Americans
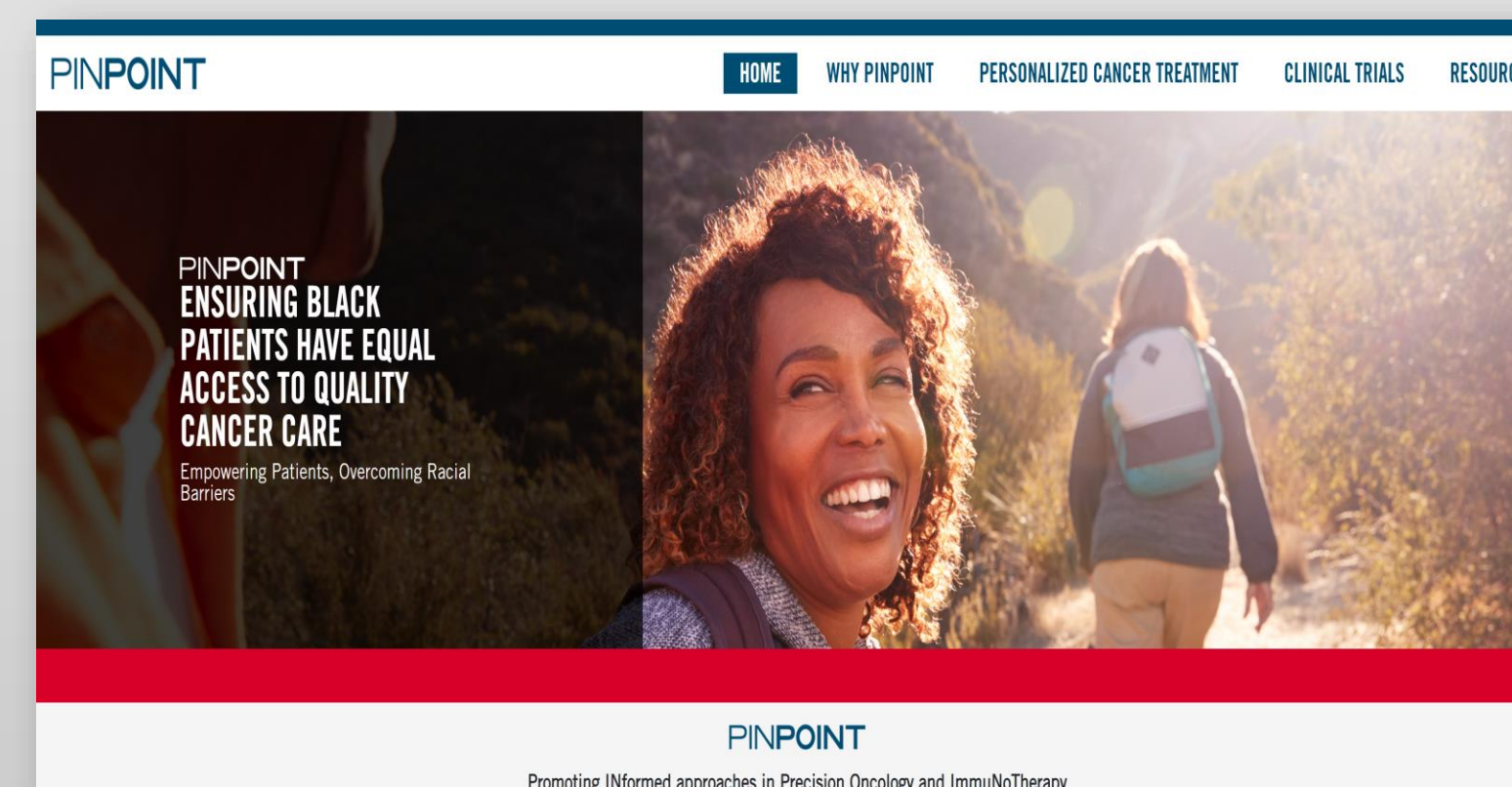
Objective of Internship

The goals of the internship were threefold - (1) contribute to the design of the website PINPOINT, (2) conduct interviews with patient and relative key-informants for revision, (3) conduct qualitative coding for analysis.

Work Profile

Three stages: 1st stage - designing the prototype intervention with information on Personalized Cancer Treatment. 2nd stage - a virtual interview with Patients, Key-informants and Providers for assessment PINPOINT. Interviews were recorded for transcription and further analysis in the 3rd stage of the project which was qualitative coding.

Summary

- There were three main organizations involved in the prototype website design using the contents prepared by the team- Oxford Web Services, Mindful Designs and BotScrew.
- After several iterations of review and revision, the prototype website with all its contents was reviewed by a Community Advisory Board made up of patients, providers, and relatives of patients.
- Their feedback was collected and condensed prior to further review of website content and website design. After the relevant revisions had been made, the second stage of the project was started.

Table 1: Key Informant Population			
Type	Patients	Relatives	Providers
Sample Size Target	10	10	10
Sample Size Interviewed to date	10	6	7
Sample Size used for Transcription	9	0	0

- The main software used for qualitative coding was NVivo. NVivo was used to assess different features of Pinpoint from the three different perspectives of Patient, Provider and Patient Relative.
- The qualitative coding process includes using a template with major thematic elements in nodes and sub nodes for accurate tracking of key-informant thoughts on Pinpoint. There are two coders involved in the qualitative coding of transcripts, and at this stage three of our interviews have been "double" coded.

PINPOINT Website Homepage

- The results indicated for specific revisions on the website along with recommendations for additional content that should be included.

PINPOINT Personalized Cancer Treatment Page

Looking Ahead

- The next stages of the project include a Randomized Control Trial (RCT) including the use of Pinpoint as an intervention.
- Depending on the results from the RCT, Pinpoint can go live for access by the wider public.

Questions

The questions that remain unanswered after the internship are the results of qualitative coding and their significance level. This is the immediate next step in the project.

Conclusion

The three internship goals for the Pinpoint project were successfully completed setting up for subsequent stages.

Acknowledgements

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