

Evaluating Effective Communication and Thorough Explanation in Promoting Participation in Clinical Research

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Evaluating Effective Communication and Thorough Explanation in Promoting Participation in Clinical Research

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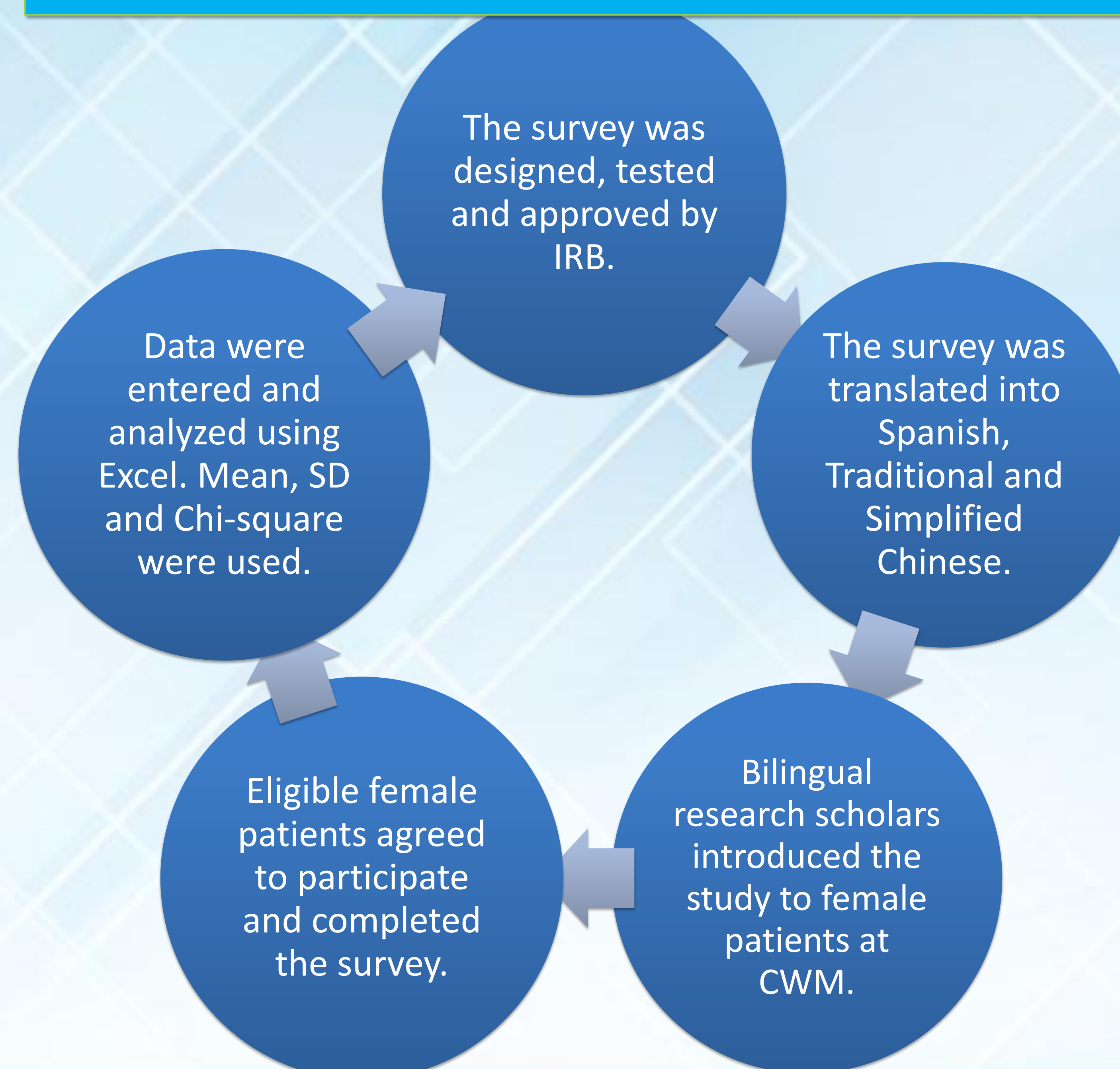
INTRODUCTION

The historic gender disparity in participation in clinical research has caused many difficulties in generalizing research study results. This pilot conducted at at LVHN Center for Women's Medicine is a part of the first multi-center study, aiming to –

- Explore perceived barriers and motivators to women's participation in clinical research
- Find strategies to enhance recruitment and supportive resources to facilitate women's participation

Results were collected through surveys which sought out basic demographic information and attitudinal statements regarding clinical trials in a 0 – 4 Likert scale.

METHODS

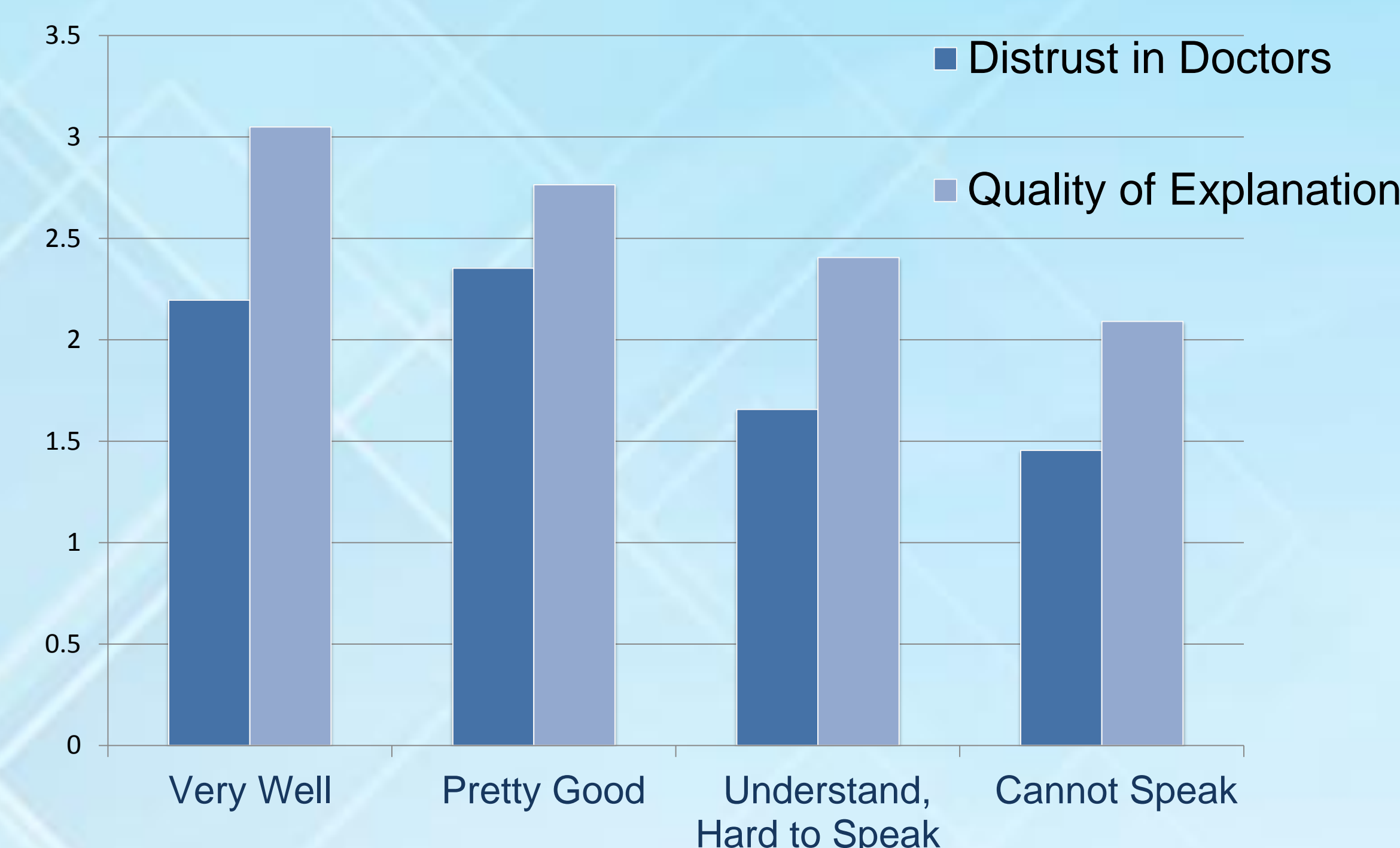


RESULTS

A total of 400 female patients participated over a period of 5 weeks. Among them,

- 74.3% self-identified minorities
- 23.5% did not speak English at home
- 16.3% had difficulties speaking English

Figure 2. Ratings of Distrust in Doctors and Quality of Explanation by English Proficiency



Evaluating factors in a 0 – 4 Likert scale,

- 2.95 motivation rate – "how well the research study was explained to me
- 2.62 helpfulness rate – supportive resources
- 2.89 helpfulness rate – "having all material provided in my language"

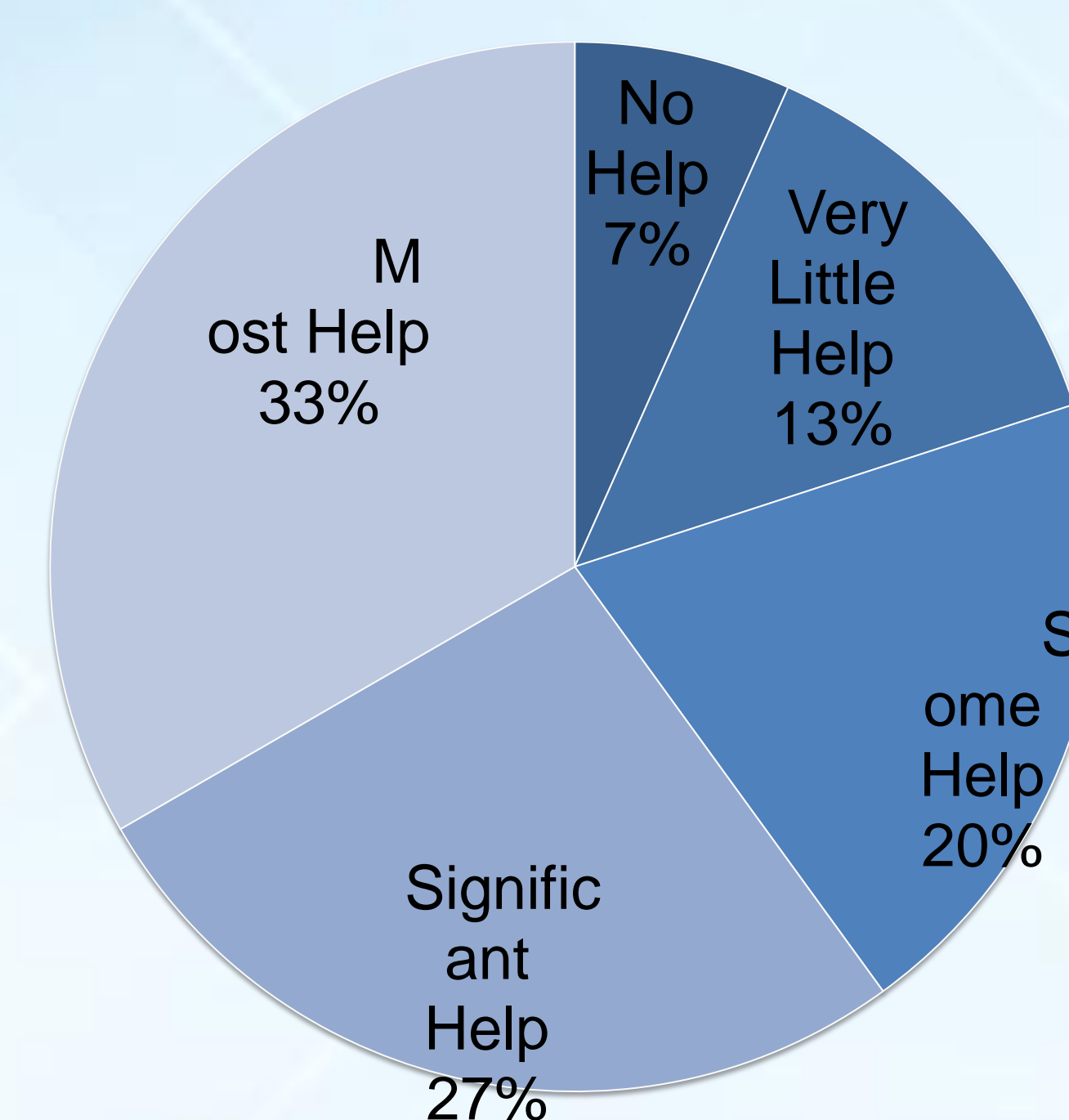


Figure 3. English - Very Well

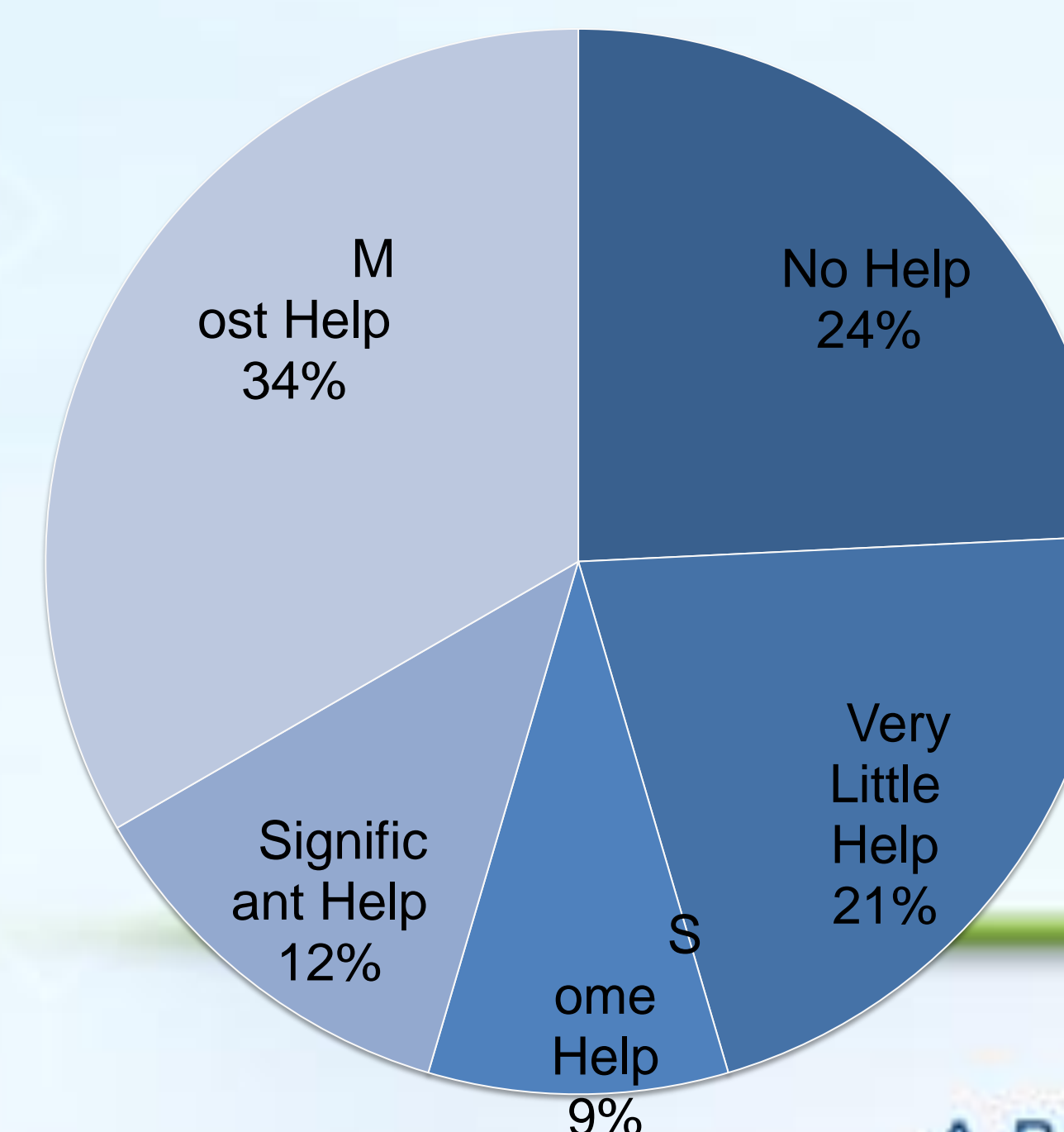


Figure 6. English - Cannot Speak

DISCUSSION

Through analysis of data collected from a diverse population, we found –

- A positive correlation between “distrust in doctors” and “how well the research study was explained,” suggesting language barrier could be a source of mistrust, and trust could be built through better communication and explanation.
- Women from all backgrounds are open to supportive resources to facilitate their participation, especially those that ensure effective communication with the doctors/researchers.

Suggestions for future study:

- Avoid any tension created for non-English speaker → initiate the process in different languages
- Administer the survey in a more in different clinical settings for more diverse population

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