

**Perspectives of diverse Spanish- and English-speaking patients on the clinical use of polygenic
risk scores**

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Supplementary Table 1. Interview guide domains

Attitudes towards PRS <ul style="list-style-type: none">• General interest• Benefits and harms• Health conditions of most and least interest for learning PRS• Interest modifiers (e.g., disease severity, treatment availability)• Utility and value• Concerns
Barriers to access, adoption, and use of PRS <ul style="list-style-type: none">• Challenges in obtaining clinical PRS• Challenges in adopting recommendations related to PRS results• Recommendations for addressing cited challenges
Methods for communicating PRS <ul style="list-style-type: none">• Current method for receiving medical test results• Preferred method for PRS result delivery• Ways to support patient understanding of PRS results• Pre-test and post-test information needs
Reactions to a hypothetical scenario for hypercholesterolemia PRS; high-risk and not high-risk results <ul style="list-style-type: none">• Interest• Utility and value• Impact on health behaviors and family communication• Reactions to high-risk and not high-risk results• Contextualization of high-risk and not high-risk results

Supplementary Table 2. Interest in clinical PRS themes and subthemes

Themes / Subthemes	Example Quotes
<p>Knowledge is power</p> <p>To guide disease prevention and early detection</p> <p>Empowering and boosts self-efficacy</p> <p>Improve medical care overall</p> <p>Inform family members</p>	<p><i>"...knowledge is power in that regard, so I would want to know so that if I ever started to get symptoms or anything and then all of a sudden, something came up on the horizon I would know about it." (P17, Eng-speaking)</i></p> <p><i>"Any disease that can be solved or can be in that blueprint, if there's a way to manage it, then that's the best way to handle it. This way, it doesn't become a medical problem." (P05, Eng-speaking)</i></p> <p><i>"When you work hard at finding out what's going on with you health wise, I think that gives you an upper edge in taking control of your healthcare needs as well." (P01, Eng-speaking)</i></p> <p><i>"You guys can research and come out with better treatment or a cure if that's what in people lives, because people could feel better moving forward." (P37, Sp-speaking)</i></p> <p><i>"About myself, whatever the results, I just want to help my son, because he is the future, and his future is with his children." (P35, Sp-speaking)</i></p>
<p>Interest influenced by family health history</p>	<p><i>"Alzheimer's, I don't have this in my family, that's why I'm not interested in that subject, but regarding the other diseases, I do have relatives that have a certain disease, so, I'm more interested in this than something I don't know about." (P33, Sp-speaking)</i></p>
<p>Trust in medical science</p> <p>Adoption of PRS would help advance science</p>	<p><i>"For me to have took the [PRS] test, I would have had to believe in the science first." (P03, Eng-speaking)</i></p> <p><i>"I think that this type of testing can actually basically change how we see medical science." (P01, Eng-speaking)</i></p>

Developing targeted treatments

"Science should advance at the same pace, so they can treat that genetic deficit, increase it a little bit, and your body would react a lot better." (P37, Sp-speaking)

Fear of something new or unfamiliar

"... no one wants to feel like a guinea pig of trying something new and if there's some defect of some sort, no one wants to be the first to go through the side effects." (P08, Eng-speaking)
