

Supplemental Table 1: Oncologists' perceptions of TGP use in AA cancer patients, stratified by specialty, years of experience in practice, knowledge, and volume of testing

	Specialty Med (39) vs other (11)	Experience <10 n=11 11-20 n=25 21+ n=14	Knowledge Low n=24 High n=26	Volume testing <50 n=28 >50 n=22
My African American patients are more skeptical of the medical establishment than other patients	6.62 5.91 P=0.428	7.27 6.28 6.14 P=0.589	6.54 6.38 P=0.853	6.14 6.86 P=0.407
My African American patients are more suspicious of the unknown such as participating in a clinical trial or having TGP testing	6.41 5.91 P=0.573	6.91 6.44 5.57 P=0.489	5.96 6.62 P=0.425	6.18 6.45 P=0.746
My African American patients have more concerns about tests related to genetics	5.59 5.18 P=0.639	6.45 5.40 4.93 P=0.378	5.42 5.58 P=0.840	5.68 5.27 P=0.616
My African American patients have complex family dynamics which can impact medical decision making	6.00 6.00 P=1.0	7.18 5.20 6.50 P=0.094	6.58 5.46 P=0.150	5.75 6.32 P=0.474
My African American patients are less likely than other patients to agree to invasive treatment	4.77 4.45 P=0.732	7.09 4.04 4.00 P=0.002	4.83 4.58 P=0.740	4.50 4.95 P=0.567
My African American patients think that physicians or the healthcare facility want to make more money by offering tests like TGP to the patient	4.82 4.27 P=0.428	5.64 4.52 4.29 P=0.337	4.46 4.92 p=0.503	4.71 4.68 P=0.964
My African American patients are more private than other patients in disclosing health related information to me	4.59 4.64 P=0.945	6.64 3.88 4.29 P=0.003	4.63 4.58 P=0.944	4.71 4.45 P=0.710
My older African American patients tend to be more suspicious of treatment options than younger patients	5.62 4.45 P=0.164	4.60 6.55 5.08 P=0.291	5.29 5.42 P=0.872	5.18 5.59 P=0.633
My African American patients are more likely to believe in government conspiracies and be distrustful of medical research	4.90 4.82 P=0.924	5.73 4.64 4.64 P=0.486	4.96 4.81 P=0.842	4.96 4.77 P=0.801
My African American patients are more likely to decline TGP testing when called and asked to verify personal and financial information from insurance	4.85 4.27 P=0.490	6.36 4.52 3.79 P=0.040	4.79 4.65 P=0.855	4.93 4.45 P=0.545
My African American patients are more likely to decline TGP testing thinking that this is something extra and not part of their treatment	4.26 4.40 P=0.733	5.82 4.04 3.21 P=0.023	4.25 4.15 P=0.891	4.46 3.86 P=0.408
My African American patients have unique needs to consider when discussing TGP testing	5.33 5.27	5.82 5.20 5.14	5.58 5.08	5.64 4.91

	P=0.943	P=0.801	P=0.525	P=0.360
My African American patients do not want to know the results of their TGP test	3.56 3.27 P=0.693	5.00 3.24 2.79 P=0.051	3.54 3.46 P=0.908	3.57 3.42 P=0.820
My African American patients are less likely to follow through with TGP testing than other patients	4.21 3.64 P=0.519	5.73 3.76 3.36 P=0.048	4.29 3.88 P=0.585	4.14 4.00 P=0.853
My African American patients are less likely to follow through with genetic counseling appointments when I refer them	4.92 4.00 P=0.274	6.18 4.44 4.07 P=0.115	4.75 4.69 P=0.941	4.54 4.95 P=0.609
My African American patients have more transportation and other structural issues that interfere with their ability to have special testing or genetic counseling	6.41 5.09 P=0.127	7.73 5.80 5.43 P=0.155	6.00 6.23 P=0.800	5.93 6.36 0.638
My African American patients may not want the results of TGP testing to be shared with their family for fear of judgment or rejection	4.72 4.27 P=0.621	6.64 3.84 4.43 P=0.014	4.83 4.42 P=0.599	5.04 4.09 P=0.235
My African American patients worry about discrimination against them or their children based on the genetic information found on a TGP	5.18 4.09 P=0.247	6.09 4.72 4.43 P=0.309	5.60 4.42 P=0.186	5.07 4.77 P=0.718
My African American patients have less access to things like TGP testing or clinical trials than other populations	5.05 3.09 P=0.029	5.27 4.40 4.50 P=0.738	5.25 4.04 P=0.170	4.46 4.82 P=0.697
My African American patients avoid seeing a genetic counselor because they are afraid of the results	4.26 3.64 P=0.457	5.82 3.80 3.36 P=0.042	4.38 3.88 P=0.515	4.14 4.09 P=0.947
The cost of the co-pay for TGP is a barrier to my African American patients	6.38 5.18 P=0.106	6.36 5.72 6.64 P=0.593	6.33 5.92 P=0.612	5.93 6.36 P=0.600
I believe that African American patients may have unique concerns that should be addressed when discussing TGP	7.49 6.36 P=0.175	8.09 7.00 7.00 P=0.502	7.33 7.15 P=0.815	7.93 6.36 P=0.042
I feel I have the skills needed to discuss TGP with my African American patients	8.33 7.55 P=0.360	8.36 8.20 7.93 P=0.860	7.67 8.62 P=0.097	7.93 8.45 P=0.249
Physicians need more education/training on how to communicate about TGP with patients and family members	8.95 8.55 P=0.567	9.00 8.48 9.43 P=0.306	9.54 8.23 P=0.011	8.68 9.09 P=0.432
Providers need special training on how to communicate about TGP with minorities (such as African Americans, Latinos)	8.18 7.36 P=0.399	7.82 7.44 9.14 P=0.169	8.58 7.46 P=0.146	7.96 8.05 P=0.918

I think it is important for physicians to understand the reasons African American patients may be more suspicious of the medical community	8.74 7.45 P=0.157	8.64 7.92 9.29 P=0.199	8.79 8.15 P=0.323	8.61 8.27 P=0.623
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