

UPTAKE OF CLINICAL CANCER GENETICS RESOURCES INDICATED BY COMMUNITY HEALTHCARE PROVIDERS WHO OFFER *BRCA1* AND *BRCA2* TESTING

Courtney Lewis, Susan Vadaparampil, Andrea Doty, Tuya Pal
H. Lee Moffitt Cancer Center and Research Institute



BACKGROUND

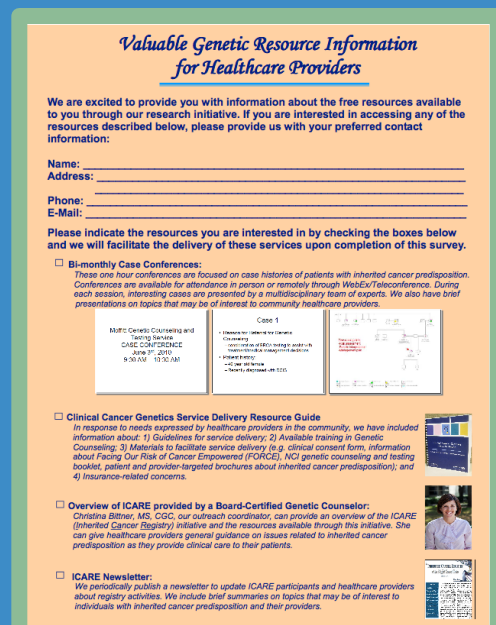
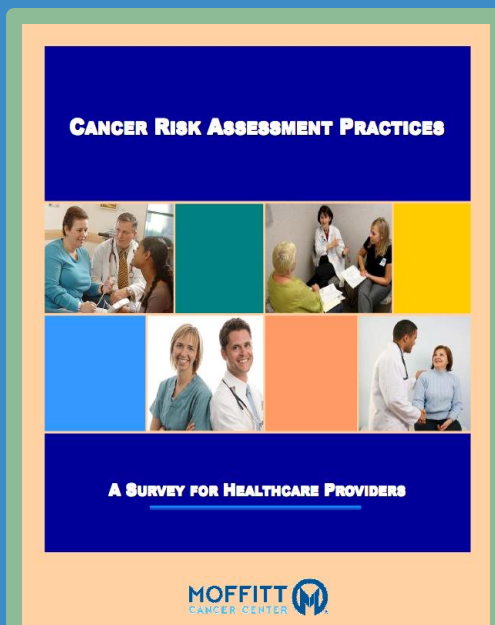
- Commercial marketing of genetic testing in combination with a shortage of trained genetics professionals has increased the number of community healthcare providers offering genetic testing without the aid of a certified genetics professional.
- Successful strategies for delivering genetic counseling and testing services include academic-community partnerships focused on collaboration with community healthcare providers without formal genetics training.
- Recognizing the limited number of trained genetics professionals, we sought to offer resources to practitioners state-wide who offer genetic testing for *BRCA1/2*.

OBJECTIVE

- To assess the uptake of cancer genetics resources among a sample of Florida-based healthcare providers offering *BRCA 1/2* testing.

METHODS

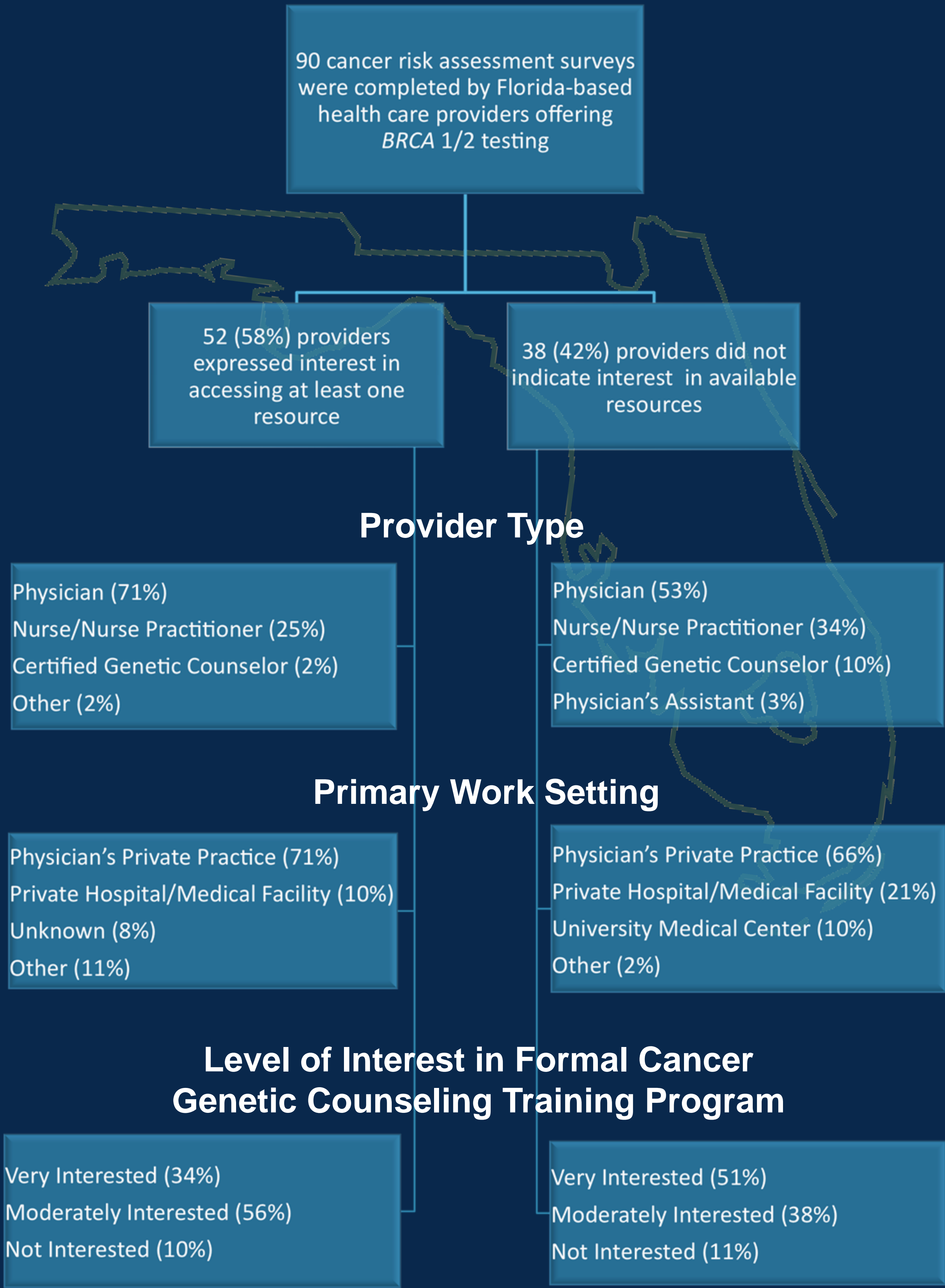
- A survey was disseminated to healthcare providers in Florida offering *BRCA1/2* testing to explore current cancer risk assessment practices.
- A supplemental resource card was included in which participants had the option to request access to several provider-targeted resources.
- Resources were made available through the Inherited Cancer Registry (ICARE) Initiative and included: bi-monthly genetics case conferences, clinical cancer genetics resource guide, ICARE newsletter, and an overview of ICARE by a certified genetic counselor (CGC).



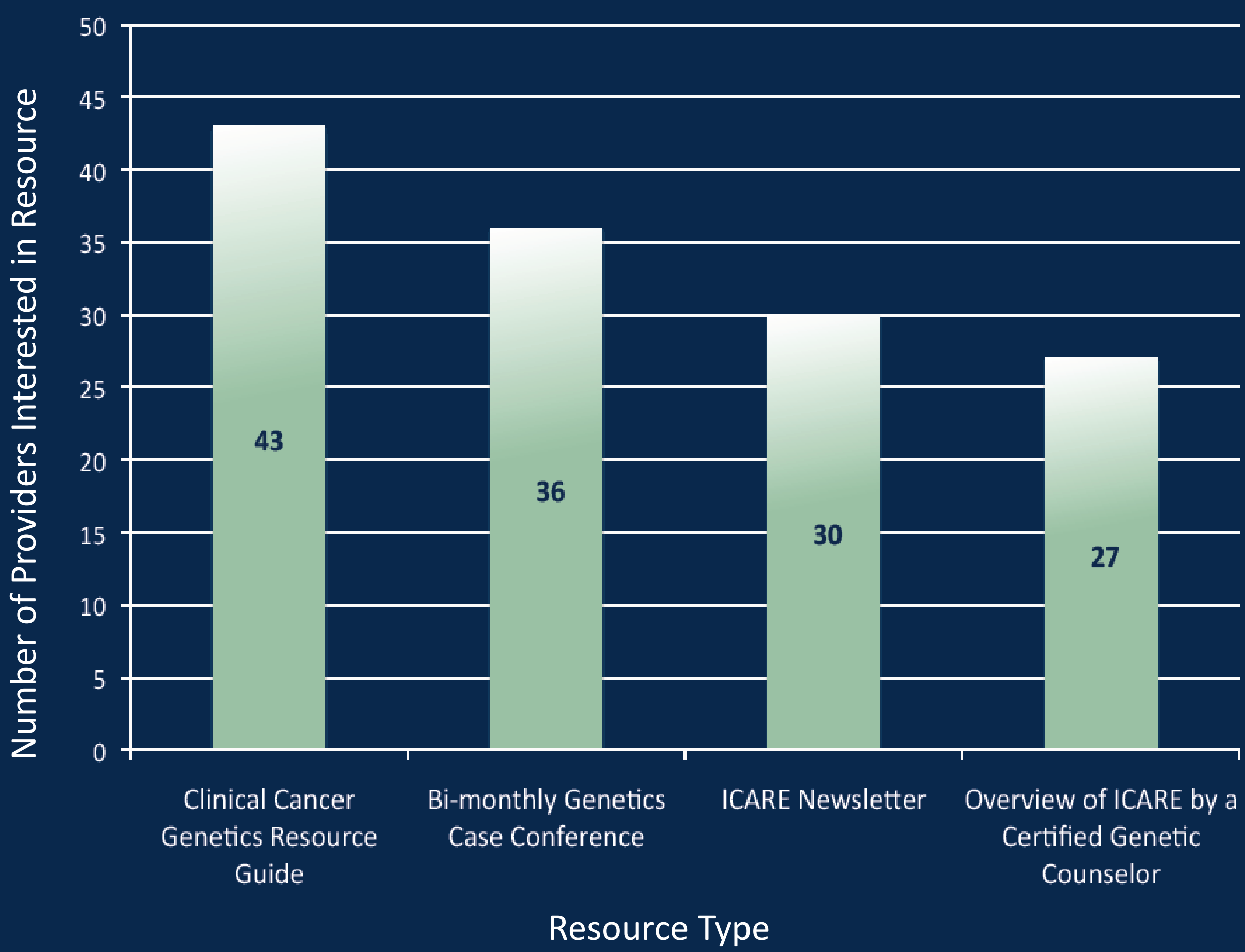
Survey Booklet Cover

Provider Resource Card

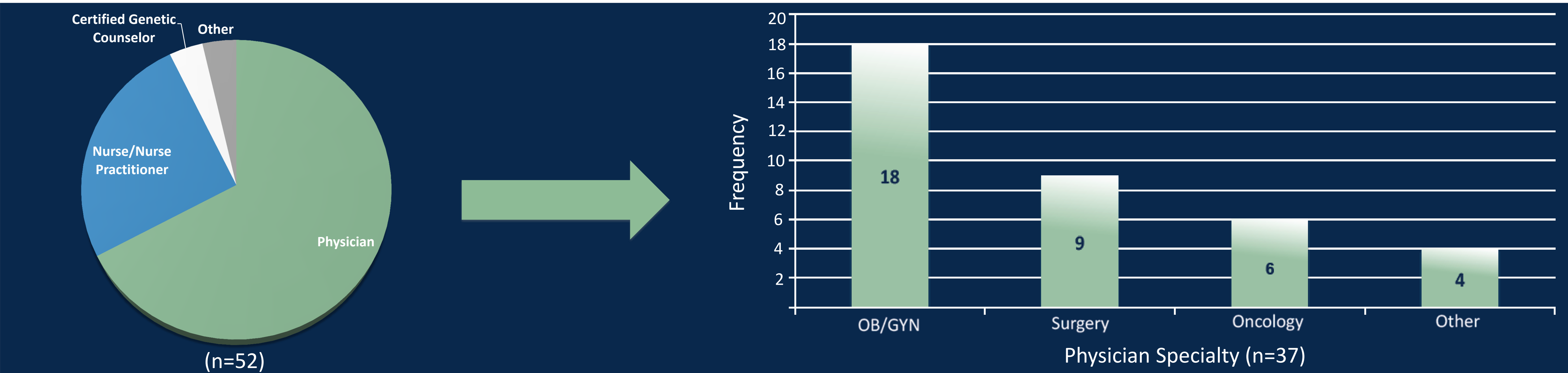
SUMMARY OF KEY FINDINGS



Resources Available to Healthcare Providers Offering Genetic Testing Services for *BRCA1/2* (n=52)



Interest in Accessing Provider-targeted Resources by Specialty



CONCLUSIONS

- The need for and interest in ongoing educational opportunities/resources among community providers is highlighted by the majority of respondents requesting access to at least one provider resource.
- The range of specialties underscores the importance of providing educational resources to those involved with genetic testing.

FUTURE DIRECTIONS

- The level of interest expressed by our sample in attending a formal genetic counseling training program highlights the need for developing targeted educational opportunities to accommodate a variety of healthcare professionals from different backgrounds and specialties.

ACKNOWLEDGEMENTS

- This research was funded by the Bankhead-Coley Cancer Research Program (Grant ID#: 1BG-09) and conducted at the H. Lee Moffitt Cancer Center and Research Institute.