Impact of Interprofessional Education Addressing Social Determinants of Health in Closing Gaps in Management of Atrial Fibrillation

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Background

- SDOH are directly and indirectly associated with morbidity and mortality in NVAF
- Greater knowledge and competence is needed on the impact and strategies to address SDOH in clinical practice to improve patient outcomes

Aim

- To determine the **educational impact** and **remaining knowledge gaps** among HCPs following live education on SDOH in NVAF

Methods

- CCO, PCE, and APAC presented 3 live, online educational programs on SDOH in NVAF with interprofessional faculty in March 2022
- Questions measuring **knowledge** and **competence** were asked at **baseline** and **post education**
- **Key educational gaps** were identified using **baseline** and **posteducation questions**
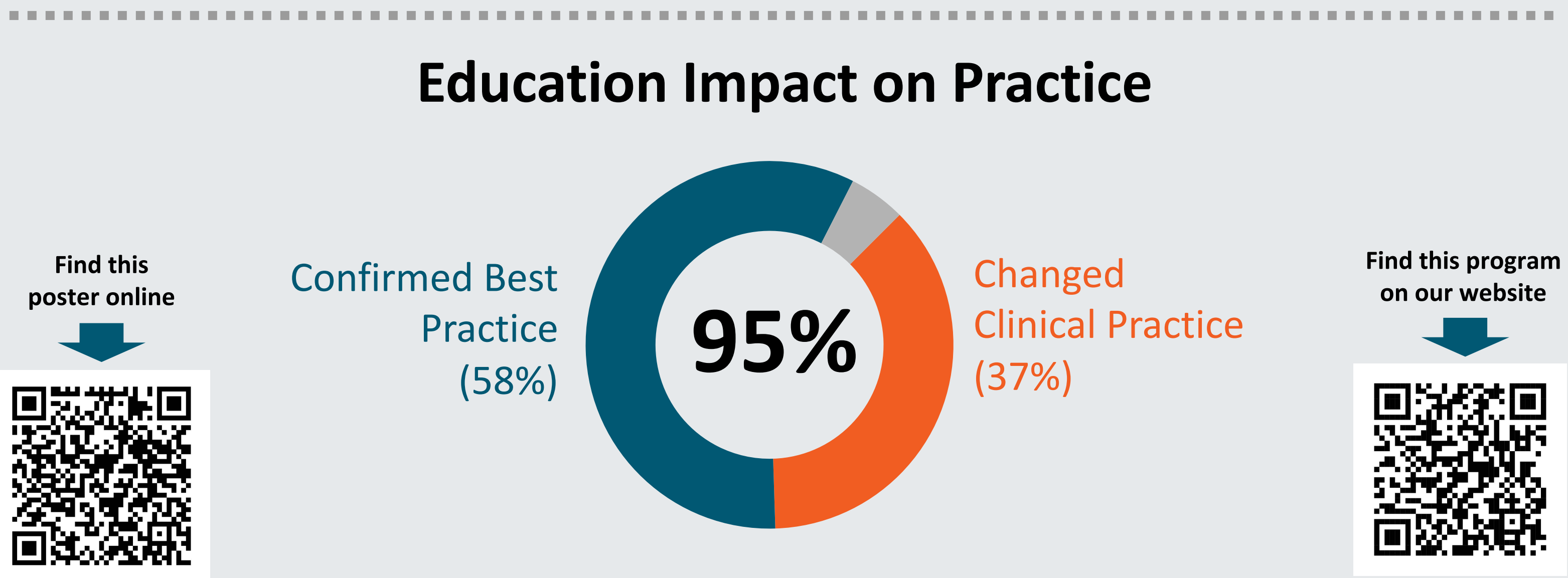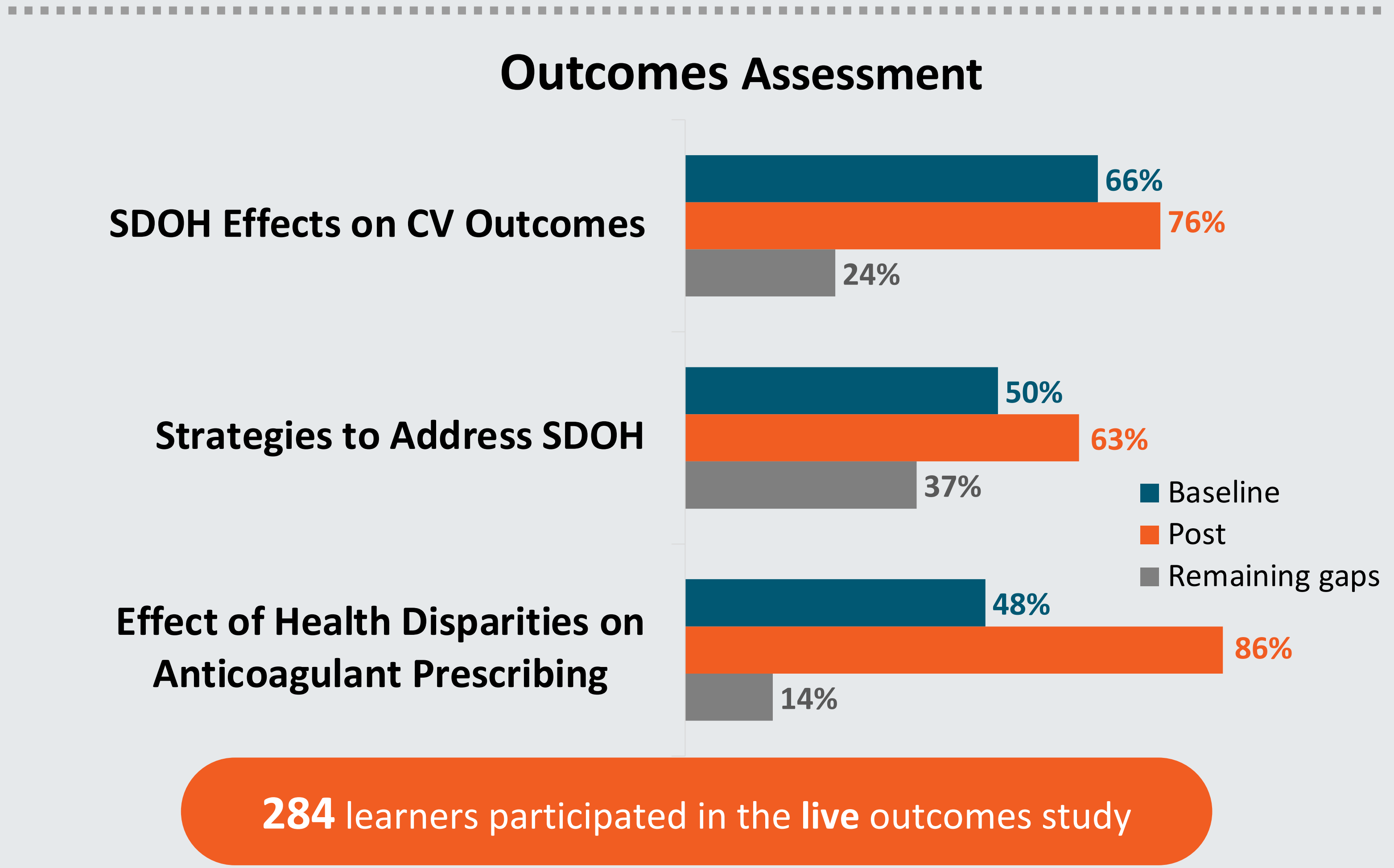
Conclusion

- Interprofessional and multidisciplinary education can be an effective strategy for **improving knowledge and competence** related to awareness of the impact of SDOH in patients with NVAF
- HCPs would benefit from further education on implementing strategies to address SDOH in NVAF and cardiovascular clinical practice

APAC, Academy of Physician Associates in Cardiology; CCO, Clinical Care Options; HCP, healthcare professional; NVAF, nonvalvular atrial fibrillation; NP, nurse practitioner; PA, physician associate/physician assistant; PCE, Practicing Clinicians Exchange; SDOH, social determinants of health.

Interprofessional and Multidisciplinary Education Improves Knowledge and Competence
HCPs Would Benefit From Additional Strategies to Address SDOH in NVAF

Outcomes Assessment

SDOH Effects on CV Outcomes
- 66% Baseline
- 76% Post
- 24% Remaining gaps

Strategies to Address SDOH
- 50% Baseline
- 63% Post
- 37% Remaining gaps

Effect of Health Disparities on Anticoagulant Prescribing
- 48% Baseline
- 86% Post
- 14% Remaining gaps

284 learners participated in the **live** outcomes study

Education Impact on Practice

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95%

Confirmed Best Practice (58%)

Changed Clinical Practice (37%)

Figures

Figure 1. 621 learners interacted with program content.

Degree
- Physician 16%
- PA 15%
- NP 41%
- Pharmacist 26%
- Nurse 10%
- Other HCP 2%
- Non-HCP 4%

Specialty
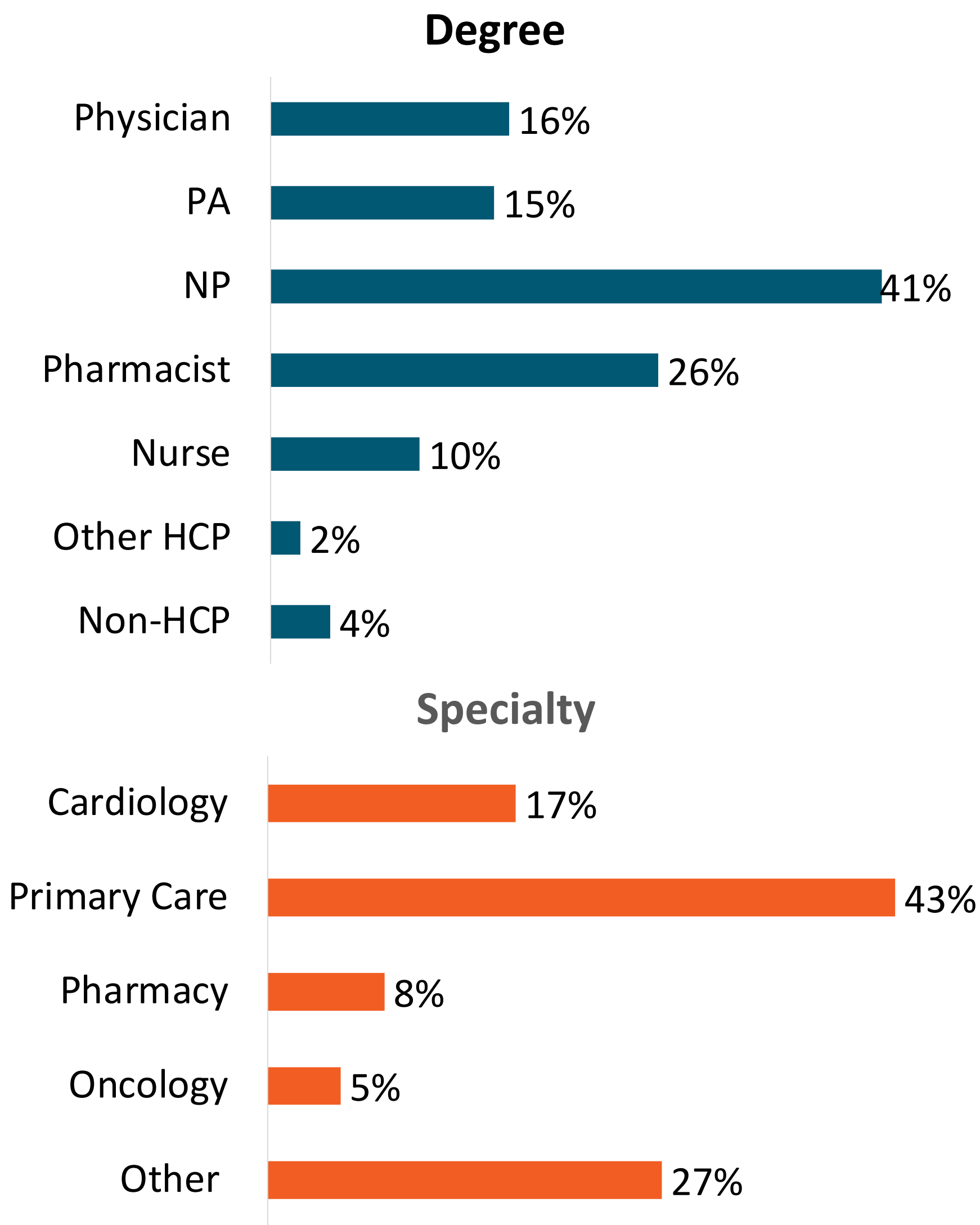- Cardiology 17%
- Primary Care 43%
- Pharmacy 8%
- Oncology 5%
- Other 27%

Figure 2. Program's impact on patients.

3641 Estimated Number of Patients Who Will Benefit