

Randomized trial of CHW-led decision coaching to promote SDM for prostate cancer screening among Black male patients and their providers

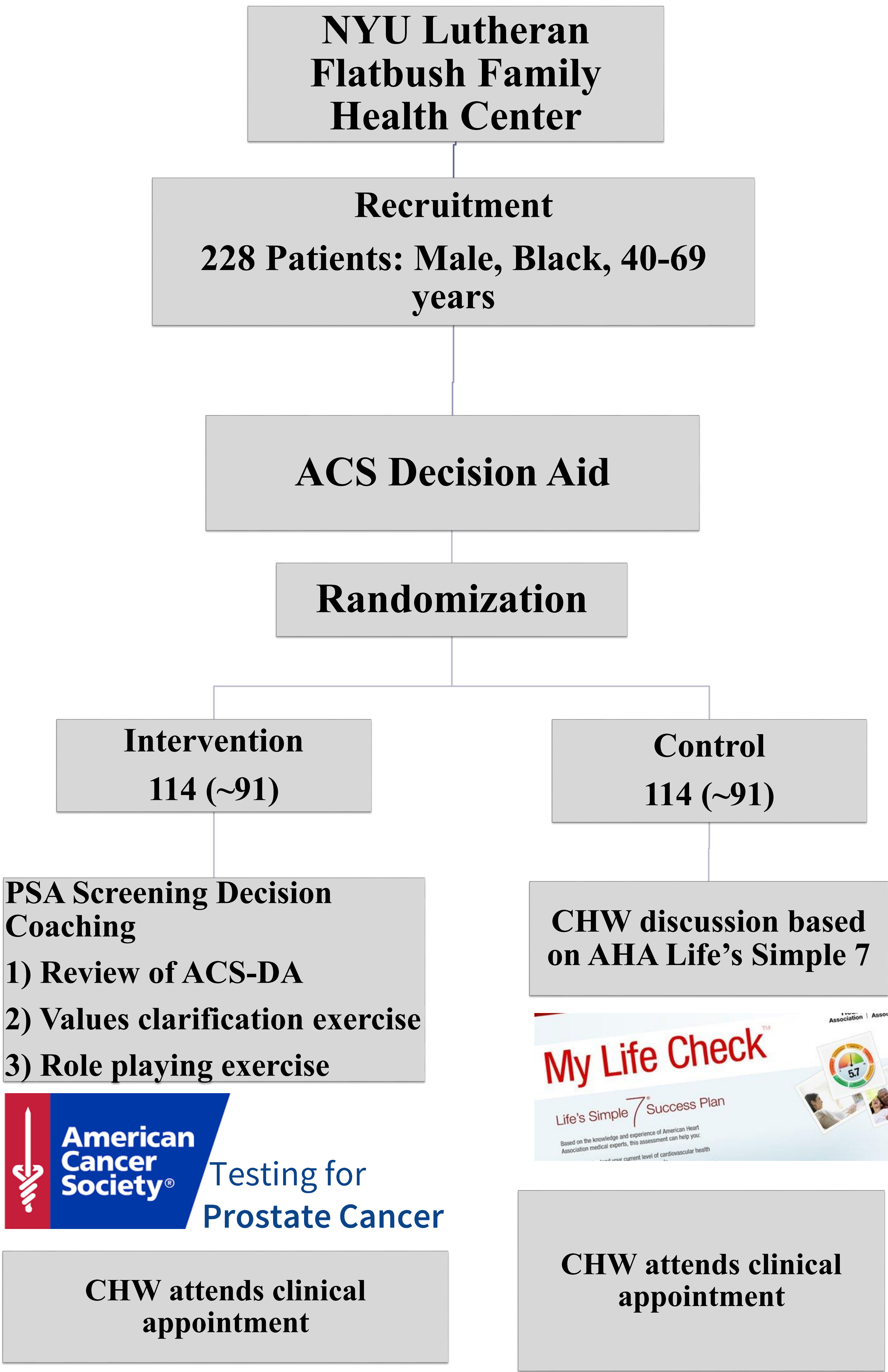
Danil V. Makarov, MD, MHS; Angie Fagerlin, PhD; Shannon Ciprut, MHS; Natalia Martinez-Lopez BS; Jerry Thomas, MPH; David Brown, Marissa Toussaint, MD; Huilin Li, PhD; Michele Shedlin, PhD; Heather Gold, PhD; Dr. Rueben C Warren; Peter A Ubel, MD, Joseph E. Ravenell, MD, MS



Background

- Prostate cancer is the third leading cause of cancer death among men in the US and affects Black men disproportionately.
- There is uncertainty about risks and benefits of prostate cancer screening.
- PSA-based prostate cancer screening is a preference-sensitive decision.

Methods



Primary Outcomes



Patient Assessment	Provider Assessment
Pre-coaching	Study Initiation
Post-coaching	Post- appointment (per patient)
Post-appointment	Study Completion
6 months follow-up	Interview
Select Interviews	

Objectives

- Evaluate efficacy of a CHW-led decision coaching program to facilitate SDM and PSA screening among Black men with regards to decision quality, decision making process, patient-provider communication, and PSA utilization.
- Test whether the CHW-led decision coaching program improves provider experience with counseling Black men considering PSA screening.
- Determine the cost of the program.
- Qualitatively assess participant experience with the program.

Shared Decision Making and CHWs

- Shared Decision Making (SDM) is an approach where providers and patients discuss evidence based options and patients are supported to make informed decisions.
- Community Health Workers make ideal decision coaches.

Results Pending

- CHW-led intervention will improve SDM among Black men including decision quality, decision making process, patient-provider communication, and PSA utilization.
- Provider experience with counseling patients considering PSA screening will be improved.
- The costs of the intervention will be acceptable.

Dissemination Plan: FHC Community

- Production of an implementation toolkit
- Revised intervention materials and standard operating procedures
- Presentation of results via talks, posters, published articles
- Distribution of all materials to FHC, community, and stakeholders
- Training and implementation workshops to local community organizations and national meetings
- Final Report will be made publicly available