

# Establishment of a multi-sector partnership to implement a multilevel intervention for blood pressure control among African Americans on the South Side of Chicago

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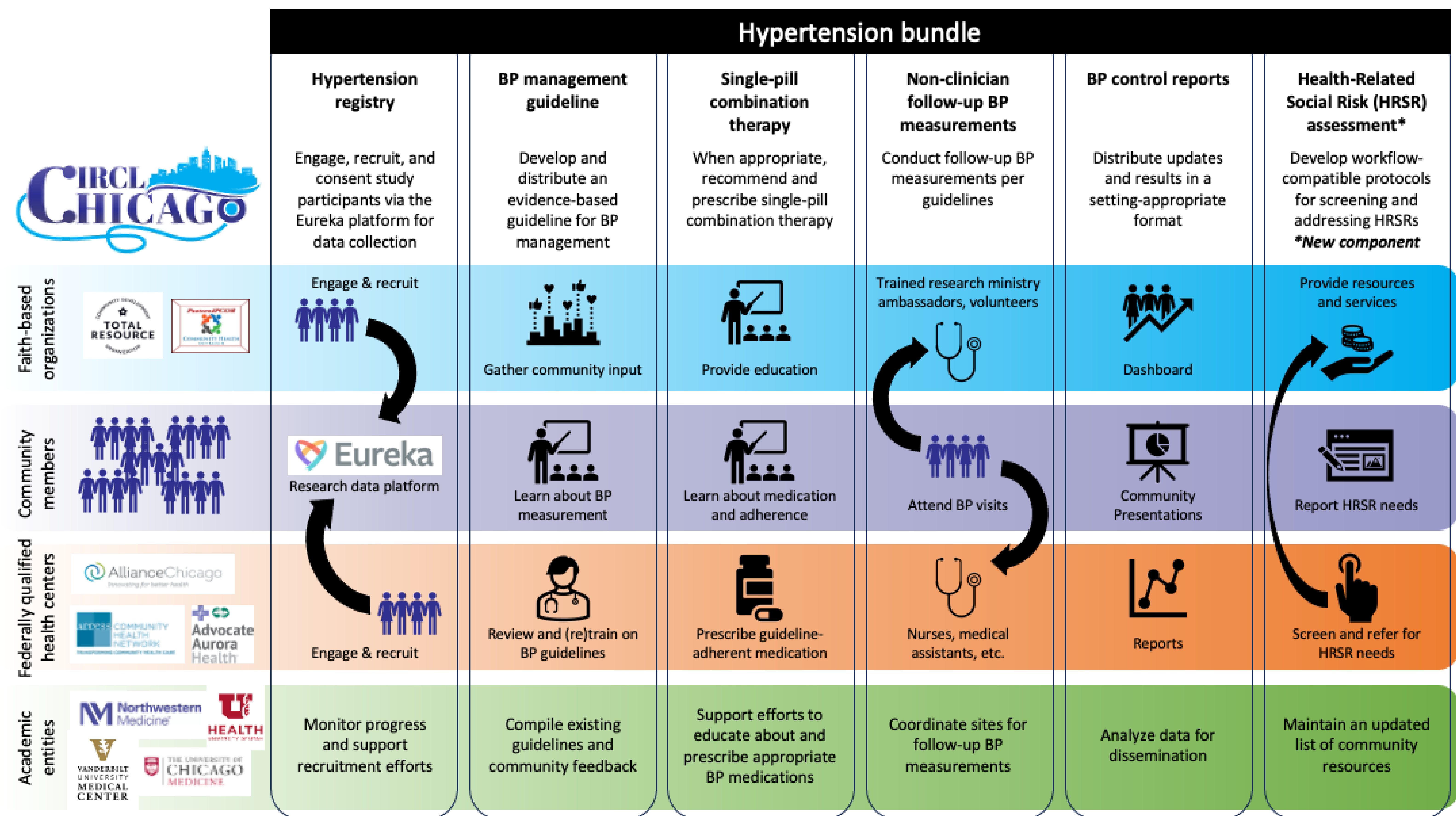
## Background

- Successful implementation of multilevel interventions promoting health equity requires coordination and teamwork with multi-sector academic and community partners.
- **Purpose:** to describe the operationalization of our partnership to implement a multilevel intervention for blood pressure (BP) control in the Community Intervention to Reduce Cardiovascular Disease in Chicago (CIRCL-Chicago) study.

## Methods

- **CIRCL-Chicago:** One of 7 implementation research institutes funded under the Disparities Elimination through Coordinated Interventions to Prevent and Control Heart and Lung Disease Risk (DECIPHeR) Alliance (RFA-HL-20-003). CIRCL-Chicago aims to test the effectiveness and implementation of an evidence-based multilevel intervention for BP control in association with faith-based organizations on Chicago's predominantly African-American South Side neighborhood.
- **Partners:**
  - Faith-based organizations (FBOs)
  - Federally qualified health center (FQHC) networks
  - Academic entities
  - Community members
- **Evidence-Based Intervention:** Kaiser Permanente hypertension bundle<sup>[1,2]</sup>
- **Process:** The following activities were undertaken during CIRCL-Chicago's UG3 planning phase to establish the partnership roles and communication networks prior to the UH3 implementation phase<sup>[3,4]</sup>
  - Expert statistical and trial design guidance provided by the research coordinating center and NIH scientists
  - Work within DECIPHeR subcommittees
  - Focus groups with FBO and FQHC members
  - A small pilot study

## Partnership roles and relationships in implementing the intervention



## Implications for D&I research

- Working and integrating across faith-based, healthcare and academic sectors for community-based implementation required defining the unique organization and individual roles across all intervention components, with the academic entities providing support for managing the registry, organizing and sharing data with FBOs and FQHCs, and assessing adherence to best evidence.
- The CIRCL-Chicago partnership is an exemplar for future community-based implementation of multilevel interventions promoting health equity.

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