

UNIVERSITY OF KANSAS MEDICAL CENTER

Recruitment Summary

Screen Fails: 24

Baseline Fails: 15

Randomized: 15

Withdrew Consent: 1

Pending: 6

RECRUITMENT METHODS

Electronic Medical Record Search: Search system for those with A1c in range then contact providers to obtain permission for contact. When searching in system we do not search by BMI, was not a reliable search criteria as it excluded people who did fit in range

Frontiers Research Registry: KUMC patients who agree to be contacted for studies. DO a quick record review before contact, do not need to obtain permission from provider

Newspaper Ad: Placed Ad in special Diabetes Edition of KC Star

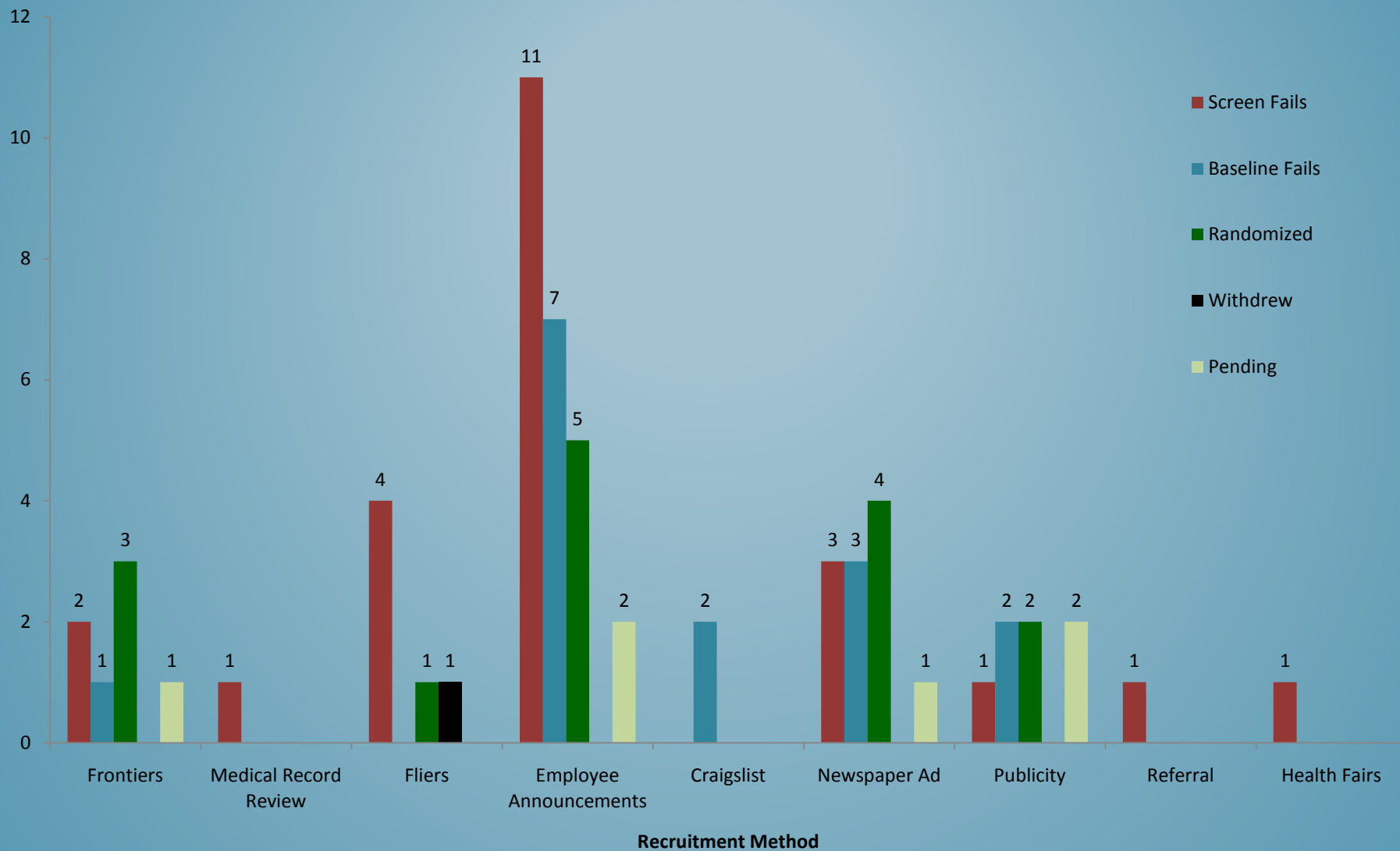
Employee Announcements: KUMC, Children's Mercy Hospital, Hy-Vee...

Fliers: In hospital waiting rooms and elevators, free and quick

Craigslist: Update about once a week

Physician Referral: Contacted Endocrine and Internal Medicine Physicians, provide us with names directly and pass out brochures

New recently: Clinical Connection, Letters to Diabetics asking about family who may have pre-diabetes, Pioneers system (complete pre-screen online), Biometric Screenings for KUMC employees (2 in March, 2 in May)



WHAT HAS WORKED

Frontiers: Much higher quality candidates, less screen fails. Several more scheduled for screening over next few weeks

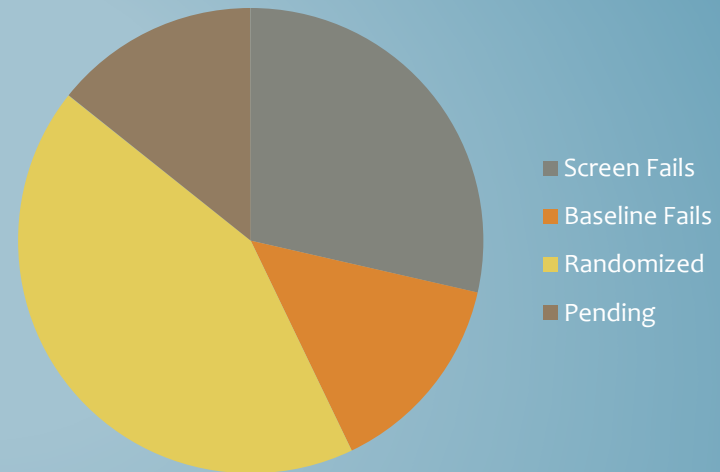
Mailing Brochure to those in Frontiers and who we find through EMR before phone contact, less time explaining study as they already know the background. Less people cancelling or No showing after they read through the consent

WHAT HAS NOT WORKED

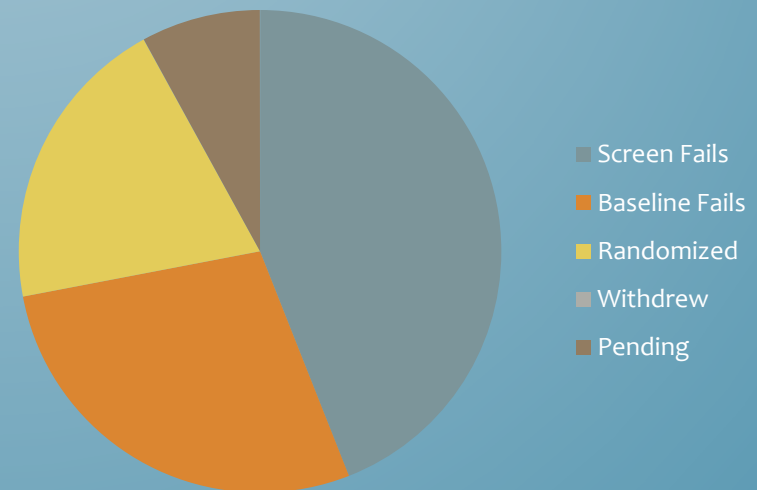
Reaching out to area clinics outside of KUMC: Providers too busy to discuss study

Newspaper Ad: Was very expensive and only received around 40 calls, were lucky that 4 qualified for study

Frontiers



Employee Announcements



RECRUITMENT STRATEGY AT HEALTHPARTNERS

CHHAVI CHADHA, MD
&
SHELLY COOK, RN

Recruitment Process

- Initial screening of electronic medical records (EMRs) by programmer
- Eligible patients mailed a recruitment letter along with a study brochure, response form, and reply envelope
 - 200 new patients contacted each week via a recruitment letter
 - These patients are entered into a REDCap recruitment tracking database
- Patients who are interested are chart-reviewed to determine if they meet screening criteria (hx of DM, medications, other medical hx, lab. evaluation, etc.)
- Interested and *[chart-screened]* eligible patients are called to discuss the study in further detail and determine if they meet additional screening criteria .PI directly calls the subjects after chart review.
- Interested and *[phone-screened]* eligible patients are scheduled for a screening visit

Recruitment Statistics*

Total number of 1st mailings sent: 2000

Total number of responses to 1st mailing: 444

Total number of interested from 1st mailing: 123
($123/2000 * 100 = 6.15\%$)

Total number of 2nd mailings sent: 1179

Total number of responses to 2nd mailing: 128

Total number of interested from 2nd mailing: 29
($29/1179 * 100 = 2.46\%$)

* As of February 18, 2014

Recruitment Challenges

- Time commitment, especially for full-time workers
 - Baseline visit can take up to 4 hours, including travel time to clinic
- Washout period is lengthy
 - Some patients are over the supplement threshold limits, especially for vitamin D, and therefore have to be scheduled 6-8 weeks out

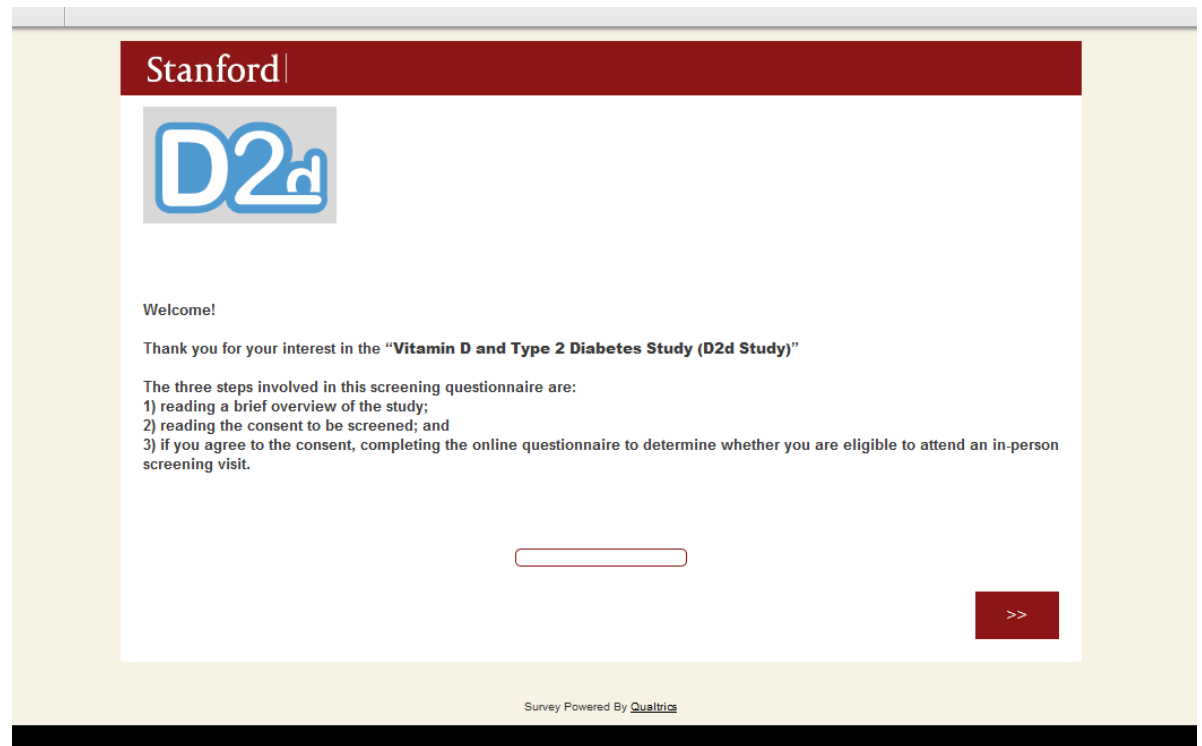
What did not work

- Disappointing to see that in spite of so much work up front , we still have baseline failures sec to discrepancy in fasting blood glucose at our local lab and then the fasting glucose done as a part of the OGTT at the central lab
- Need to hire additional research coordinators to meet our lofty recruitment goals
- Inability to assess our recruitment data in a timely manner , as there is a lag time (8 days) in baseline labs being received and processed (due to one shipping day per week) and that effects our ability to view real time statistics

Pre-screening Procedures

- DOB
- Ethnicity
- Education level
- Contact info
- Convenient time to contact
- Employment status
- BMI
- Exclusion diseases
- Exclusion meds
- Willingness to accept randomization
- Willingness to be involved in an approx. 4 year study
- Advertising source
- Involvement in other interventional studies

Qualtrics online questionnaire



The screenshot shows a web browser displaying the Stanford D2d Study Qualtrics online questionnaire. The page has a red header bar with the Stanford logo. Below the header is a large blue and white 'D2d' logo. The main content area is white and contains the following text:

Welcome!

Thank you for your interest in the "Vitamin D and Type 2 Diabetes Study (D2d Study)"

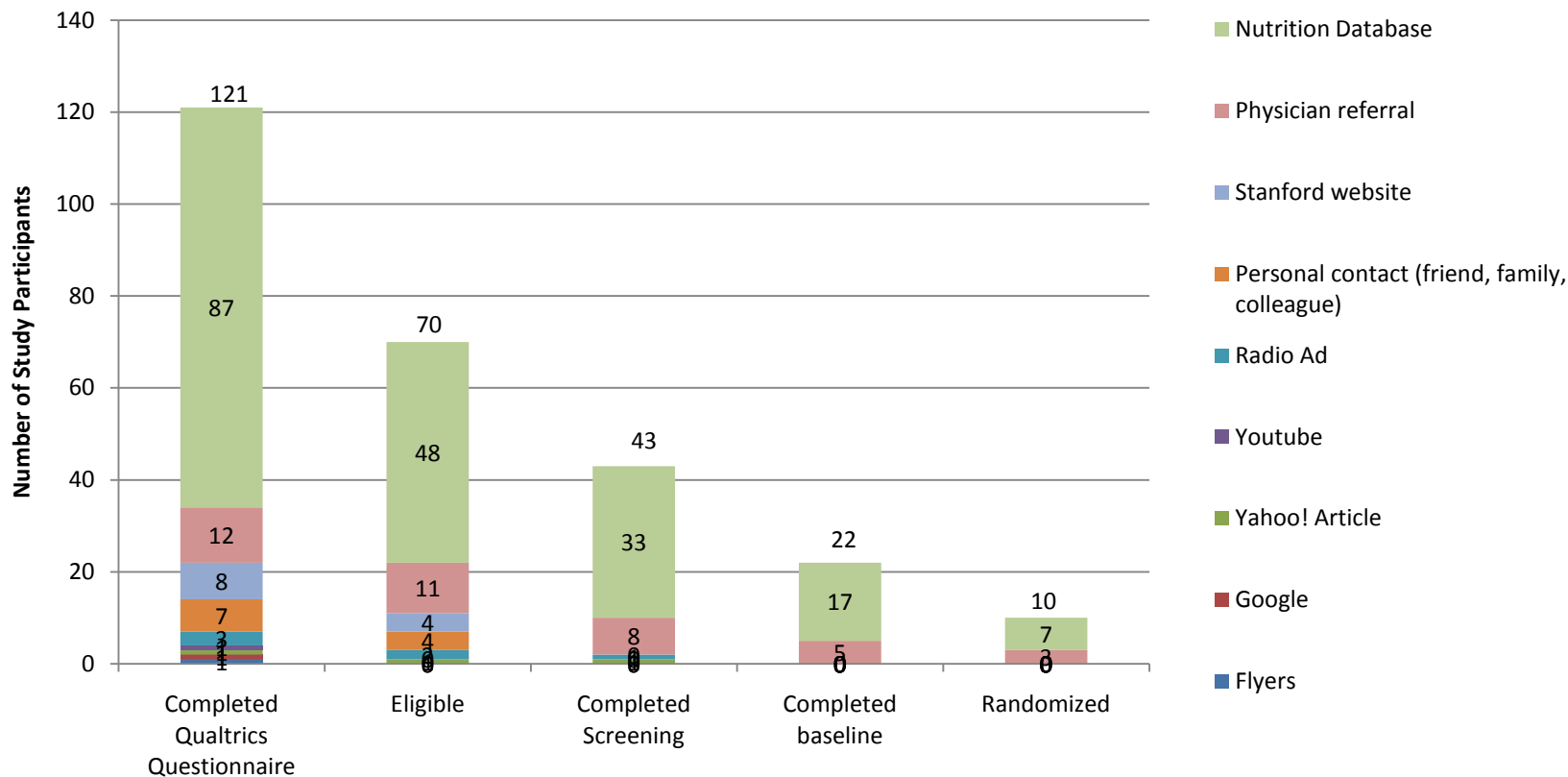
The three steps involved in this screening questionnaire are:

- 1) reading a brief overview of the study;
- 2) reading the consent to be screened; and
- 3) if you agree to the consent, completing the online questionnaire to determine whether you are eligible to attend an in-person screening visit.

Below the text is a red rectangular button with the text '>>'.

At the bottom of the page, there is a small text that reads 'Survey Powered By Qualtrics'.

Recruitment Sources



Recruitment Strategies

- Worksite wellness programs
- Retirement communities
- Stanford Hospital homepage
- Health screening at annual ADA
- Ineligible participants of other nutrition studies, i.e. genotype weight loss study (radio ads) and sodium study
- RDs and CDEs at neighboring hospitals (pending IRB approval)