

# RECRUITMENT PLAN FOR CLINICAL TRIALS

## CHANNELS

Please select all channels (i.e., outreach methods) that will be utilized to bring awareness to the study and to attract/recruit potential study participants.

<p>Social Media Advertising</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> WhatsApp</li> <li><input type="checkbox"/> Facebook</li> <li><input type="checkbox"/> Instagram</li> <li><input type="checkbox"/> TikTok</li> <li><input type="checkbox"/> X (formerly Twitter)</li> <li><input type="checkbox"/> EventBrite</li> <li><input type="checkbox"/> Meetups</li> <li><input type="checkbox"/> SnapChat</li> <li><input type="checkbox"/> YouTube</li> <li><input type="checkbox"/> Pinterest</li> <li><input type="checkbox"/> Spotify</li> <li><input type="checkbox"/> Quora</li> <li><input type="checkbox"/> via Influencers</li> <li><input type="checkbox"/> Local Social Media platforms</li> <li><input type="checkbox"/> Other:</li> </ul>	<p>Community Outreach</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Host a table at a health fair</li> <li><input type="checkbox"/> Host a talk at a local library</li> <li><input type="checkbox"/> Advertise in community centers or senior centers</li> <li><input type="checkbox"/> Advertise at local fundraising walks</li> <li><input type="checkbox"/> Advertise with neighborhood outreach organizations</li> <li><input type="checkbox"/> "Lunch 'n Learn" or "Dinner 'n Dialogue" hosted by study team/Principal Investigator</li> <li><input type="checkbox"/> Present study to local government</li> <li><input type="checkbox"/> Present study to local media</li> <li><input type="checkbox"/> Form a "mobile health/study promotion team" (to address questions/rumors)</li> <li><input type="checkbox"/> Form a Community Advisory Board with local community members (village elders, religious leaders, women's organizations, youth groups, local leaders)</li> <li><input type="checkbox"/> Other:</li> </ul>	<p>Other Digital Outreach</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Custom study webpage</li> <li><input type="checkbox"/> Link the study webpage to the appropriate trial registry listing for the study</li> <li><input type="checkbox"/> Dedicated study Facebook page</li> <li><input type="checkbox"/> Advertise on the study site's or Institution's website</li> <li><input type="checkbox"/> Text messages with study advertisements</li> <li><input type="checkbox"/> Text messages to telecommunication companies' subscribers</li> <li><input type="checkbox"/> Create a recruitment app via a clinical software development tool</li> <li><input type="checkbox"/> Create a QR code to add to study ads/materials that links to study webpage</li> <li><input type="checkbox"/> Advertise on niche-connected websites</li> <li><input type="checkbox"/> Other:</li> </ul>
<p>Word of Mouth Advertising</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> By physicians</li> <li><input type="checkbox"/> Other:</li> </ul> <p><i>Utilize current study participants to share study info with friends/family via:</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Postcards</li> <li><input type="checkbox"/> Web link to study page within an email</li> <li><input type="checkbox"/> Other:</li> </ul>	<p>Public registries of study participants (volunteers) or patient networks</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Rare disease registries</li> <li><input type="checkbox"/> Other:</li> </ul>	<p>Collaboration with Advocacy Groups</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Share study info with support groups</li> <li><input type="checkbox"/> Advertise in patient advocacy groups</li> <li><input type="checkbox"/> Build alliance or advertise with disease-specific charitable organizations</li> <li><input type="checkbox"/> Other:</li> </ul>
<p>Television</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Advertisement</li> <li><input type="checkbox"/> Interview</li> <li><input type="checkbox"/> Local talk show</li> <li><input type="checkbox"/> Public Service Announcement</li> <li><input type="checkbox"/> Jingles and/or songs</li> <li><input type="checkbox"/> Other:</li> </ul>	<p>Newspaper</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Advertisement</li> <li><input type="checkbox"/> Article</li> <li><input type="checkbox"/> Other:</li> </ul> <p>Magazine</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Advertisement</li> <li><input type="checkbox"/> Article</li> <li><input type="checkbox"/> Other:</li> </ul>	<p>Radio</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Advertisement</li> <li><input type="checkbox"/> Interview</li> <li><input type="checkbox"/> Public Service Announcement</li> <li><input type="checkbox"/> Jingles and/or songs</li> <li><input type="checkbox"/> Other:</li> </ul> <p>Podcasts</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Advertisement</li> <li><input type="checkbox"/> Interview</li> <li><input type="checkbox"/> Other:</li> </ul>
<p>Collaboration with Internal Physicians</p>	<p>Schools/Institutions</p>	<p>Advertisements via Local Businesses</p>

<input type="checkbox"/> Build working relationship with clinic staff to facilitate referrals <input type="checkbox"/> Other:	<input type="checkbox"/> Collaborate with local community influencers to promote education about studies and opportunities at schools <input type="checkbox"/> Other:	<input type="checkbox"/> Hair/beauty/barber/nail shops <input type="checkbox"/> Post flyers in local stores <input type="checkbox"/> Other:
Collaboration with external Physicians <input type="checkbox"/> Ask for direct referrals <input type="checkbox"/> Send “Dear Doctor” (“Dr to Dr”) letters <input type="checkbox"/> Place study flyers in referral physicians’ offices/clinics <input type="checkbox"/> Engage physician at another site as Co-Investigator <input type="checkbox"/> Engage a physician group (e.g., present at their internal meetings) <input type="checkbox"/> Request access to referral physicians’ medical records <input type="checkbox"/> Request providers send “Dear Patient” letters to inform potential participants <input type="checkbox"/> Post ads in free community clinics <input type="checkbox"/> Other:	Physical (paper) Advertisements <input type="checkbox"/> Recruitment Flyers (e.g., for clinic waiting rooms, hospital hallways, bulletin boards) <input type="checkbox"/> Study Brochure (e.g., for clinic waiting rooms/patient visits) <input type="checkbox"/> Small information cards with study details and inclusion/exclusion (for clinic staff/patients) <input type="checkbox"/> Direct mailings <input type="checkbox"/> Bulletin board tear-offs <input type="checkbox"/> Posters <input type="checkbox"/> Other:	Religious Institution Outreach <input type="checkbox"/> Liaise with church leaders <input type="checkbox"/> After church event <input type="checkbox"/> Choir <input type="checkbox"/> Other:
Financial Incentives <i>Requires explicit IRB/EC review/approval</i> <input type="checkbox"/> For physician referrals (requires Institutional Review Board/Ethics Committee review/approval) <input type="checkbox"/> For study sites that quickly enroll (e.g., competitive enrollment studies) <input type="checkbox"/> Other:	Electronic Medical (Health) Records <input type="checkbox"/> Recruitment Alerts (aka Best Practice Alerts) – requires Information Technology (IT) assistance <input type="checkbox"/> Contract with hospital to screen electronic health records of partner hospitals <input type="checkbox"/> Other:	Third Party <input type="checkbox"/> Contract with a recruitment agency <input type="checkbox"/> Utilize recruitment apps <input type="checkbox"/> Contract with a Public Relations agency <input type="checkbox"/> Contract with a Contract Research Organization to develop a media campaign (e.g., targeting their health network) <input type="checkbox"/> Use of “social mobilization experts” to find index cases (e.g., Ebola outbreaks) and their contacts, who then encourage consent and participation <input type="checkbox"/> Other:
Other <input type="checkbox"/> Create a study slide deck to present at events/webinars <input type="checkbox"/> Establish a call center to prescreen interested participants <input type="checkbox"/> 24hr hotline for questions about the study <input type="checkbox"/> National awareness campaign (not focused on an individual study) <input type="checkbox"/> Other:		

# STAKEHOLDERS

Please use this section to identify the key stakeholders to the study’s recruitment strategy. The stakeholder should be an entity that will be engaged with directly to recruit, advertise or to spread awareness of the study. This always includes the study participant and any clinicians referring patients to the study but may also include the participant’s family or community members.

## Common Stakeholders

<input checked="" type="checkbox"/> Study participants (including potential participants)	<input type="checkbox"/> Peers	<input type="checkbox"/> Sponsors
<input type="checkbox"/> Caregivers	<input type="checkbox"/> Site Investigator	<input type="checkbox"/> Patient advocates
<input type="checkbox"/> Husbands, wives or partners of study participants	<input type="checkbox"/> Study Coordinator	<input type="checkbox"/> Contract Research Organizations
<input type="checkbox"/> Parents	<input type="checkbox"/> Site study team	<input type="checkbox"/> Other:
<input type="checkbox"/> Families	<input type="checkbox"/> Referring physicians	
<input type="checkbox"/> Friends	<input type="checkbox"/> Doctor	

### Potential Additional Stakeholders (As Applicable)

<input type="checkbox"/> Researchers	<input type="checkbox"/> Community leaders at clinical trial sites	<input type="checkbox"/> The village
<input type="checkbox"/> Clinicians	<input type="checkbox"/> Community advisory group or board	<input type="checkbox"/> Traditional healers
<input type="checkbox"/> Nurses	<input type="checkbox"/> Local religious institutions	<input type="checkbox"/> World Health Organization (WHO)
<input type="checkbox"/> Medical specialists	<input type="checkbox"/> Religious leaders (Imam and Pastors)	<input type="checkbox"/> Ministries of health
<input type="checkbox"/> Clinics	<input type="checkbox"/> Local schools	<input type="checkbox"/> National scientists
<input type="checkbox"/> Colleagues	<input type="checkbox"/> Women's groups	<input type="checkbox"/> Development partners
<input type="checkbox"/> Members of Ethics Committees	<input type="checkbox"/> Youth groups	<input type="checkbox"/> Pharmaceutical companies
<input type="checkbox"/> Key Opinion Leaders	<input type="checkbox"/> Human rights groups	<input type="checkbox"/> Drug or device industries
<input type="checkbox"/> Hospitals	<input type="checkbox"/> Not-for-profit organizations	<input type="checkbox"/> International organizations
<input type="checkbox"/> Elders	<input type="checkbox"/> Regulatory agencies	<input type="checkbox"/> Journals
<input type="checkbox"/> Pharmacists	<input type="checkbox"/> Public health authorities	<input type="checkbox"/> Media (local and national)
<input type="checkbox"/> Pharmacy employees	<input type="checkbox"/> Professional societies	<input type="checkbox"/> Funders
<input type="checkbox"/> Representatives from affected communities	<input type="checkbox"/> Professional service organizations	<input type="checkbox"/> Sponsors
<input type="checkbox"/> Academic institutions	<input type="checkbox"/> Civil-society organizations	<input type="checkbox"/> Government
<input type="checkbox"/> Key populations	<input type="checkbox"/> Non-Governmental Organizations (local and national)	<input type="checkbox"/> Parliamentarians
<input type="checkbox"/> Members of representative organizations of populations eligible for the clinical studies	<input type="checkbox"/> Private sector	<input type="checkbox"/> Policymakers
<input type="checkbox"/> Business leaders	<input type="checkbox"/> Opinion Leaders	<input type="checkbox"/> Local politicians
<input type="checkbox"/> Social Media Influencers	<input type="checkbox"/> Chief of the village	<input type="checkbox"/> Leaders of trade unions (e.g., president of bike riders association)
<input type="checkbox"/> Academia	<input type="checkbox"/> Chief of the tribe	<input type="checkbox"/> Anthropologists
<input type="checkbox"/> Community liaison		<input type="checkbox"/> Other:

From the Practitioner’s Desk

“Often, as researchers, we fail to meet our recruitment targets not due to the scarcity of study participants with the desired diseases condition but due to the lack of the recruitment skills and strategy of the study team. If you cannot convince me that you know what your clinical trial is all about, how can you convince me to risk myself to be part of it as a participant?”

-Elvis Ndansi, BSN, MSN, MH

## STUDY DETAILS

Item/Question	Response	
<b>Lead Principal Investigator name</b>		
<b>Site Principal Investigator names</b>		
<b>Study Sponsor name</b> (if none, select: <input type="checkbox"/> Investigator-Initiated)		
<b>Funder name, if applicable</b>  <input type="checkbox"/> Not applicable		
<b>Contract Research Organization name, if applicable</b>  <input type="checkbox"/> Not applicable		
<b>Full Study Title</b>		
<b>Study Design</b>	Interventional <input type="checkbox"/> Open-label <input type="checkbox"/> Randomized, controlled <input type="checkbox"/> Non-randomized, controlled <input type="checkbox"/> Crossover <input type="checkbox"/> Other:	Observational <input type="checkbox"/> Case-control <input type="checkbox"/> Cohort <input type="checkbox"/> Cross-sectional <input type="checkbox"/> Registry <input type="checkbox"/> Retrospective cohort <input type="checkbox"/> Other:
<b>Is there any pre-screening required?</b>	<input type="checkbox"/> Yes* <input type="checkbox"/> No  *If yes, total # of participants to be pre-screened:	

<b>Total # of participants to be screened (please estimate)</b>	
<b>Total # of participants to be enrolled</b>	
<b>Estimated recruitment start and completion dates</b>	(DD-MON-YYYY) - (DD-MON-YYYY)
<b>Estimated First Participant Visit (i.e., study start date)</b>	(DD-MON-YYYY)
<b>Estimated number of study sites</b>	
<b>Type of study sites</b>	<input type="checkbox"/> Hospital <input type="checkbox"/> Outpatient clinic <input type="checkbox"/> Other health facility: <input type="checkbox"/> School <input type="checkbox"/> Workplace <input type="checkbox"/> Other public site: <input type="checkbox"/> Households <input type="checkbox"/> Other:
<b>Estimated enrollment rate (estimated # of participants/site/month)</b>	
<b>Please provide specific details regarding how the enrollment rate was determined (e.g., published historical study experience or prevalence data in similar study population, internal historical study experience).</b>	
<b>Please describe any seasonal variation in the disease or historical seasonal lulls in recruitment (e.g., holidays) that are anticipated to affect enrollment.</b>	
<b>Will enrollment across study sites be balanced (all sites will enroll the same number of participants) or competitive (all sites enroll participants until the sample size is reached, without concern that each site enrolls an equal number of participants)?</b>	<input type="checkbox"/> Balanced <input type="checkbox"/> Competitive
<b>Other study details relevant to recruiting</b>	

## SITE VISIT TO OPTIMIZE RECRUITMENT

*Some believe the best way to recruit the full sample size in low-resource settings is to visit the study sites as early as possible—even before the study design has been finished. The only downside to this approach may be to make the study team and designers wait a little (time) and invest some minimal*

expenses (money). The upsides include assessing acceptability—and many other factors—of recruitment techniques and study design to the exact population to be studied.

Details of site visit(s)	Answer
The site visit(s) will inform a final recruitment plan. So having a complete plan before visiting is not a good idea. It is better to make your recruitment visit(s) with some informal notes or questions written down. Will you have written notes or questions when you make your visit(s)?	
The conversations at the site with key opinion leaders, significant others, chiefs, parents, and possible participants will be like a peer review of your recruitment ideas and study design. How will you record that site visit data? How do you plan to transmit it to the study designers?	
Will you visit the chief and the chief's elders when you first arrive at the site?	
Would you ask elders to be allowed to have later meetings only with mothers or young men or special groups of interest that might not talk with older members present, to get those groups to be more talkative away from elders?	
How many will be on the team doing the site visit? While it depends on the needs of the place, one typical mix would be a senior communication expert, a translator, and two mid-level or junior science communication experts.	
Do you plan for a 1-day, or a 2-day visit at each site to gather data toward optimizing recruitment?	
What % of the total study sites will have a visit?	
If you have a multi-continent study, how will you decide which recruitment expert will act as 'lead' to coordinate site visits across countries?	
How will you decide which country and study site will be the pilot or first site to be visited to optimize recruitment practices?	
Will you organize and bring some activities for children to do, to keep them busy while asking questions of parents during your visit(s)?	
Will you confirm spouses can receive email or text message notifications and reminders from a study staff without causing marital strife?	
Will you ask what the major employment in the area is, so that if it is a morning occupation like farming, you won't do trial visits in the mornings?	
Will you ask about which is the community's 'market day' or other special times or holidays that are either recruitment-positive or recruitment-negative?	
Will you plan for recruitment staff to set weekly targets of how many participants need to be recruited, consented, and passed to the clinical team?	
How will the team visiting communicate their findings to the site PI?	
Will you ask about the perhaps most important item: what unknown context of the community makes it unacceptable to participate in the study? (e.g., to know there is cultural stigma to give blood at night, so a trial schedule or calendar	

that takes blood at night/evening will make people refuse to participate)	
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## PARTICIPANT POPULATION

For the following questions, please add new content in the entry boxes below, or use content from the study protocol. Feel free to consult the boxes below for example of participant population characteristics.

Item	Response
<b>Please enter, or paste from the study protocol, the participant population details for the study.</b>	
<b>If the study has multiple parts, such as multiple sites, or multiple periods, and the details of the participants included change across those parts, please describe the differences in participant population.</b>	
<b>For each listed geographic category, please list the number of each that participants are likely to be living in.</b>	<i>Countries:</i>
	<i>Regions:</i>
	<i>Counties:</i>
	<i>Cities:</i>
	<i>Kebeles:</i>
	<i>Towns:</i>
	<i>Neighborhoods:</i>
<b>If applicable, please list any demographic differences (or other segmentations) directly specified in the study, which could be considered study population characteristics (e.g., urban vs rural, refugees vs indigenous, Muslim vs non-Muslim).</b>	
<b>Please describe the participant population's likely access to the following digital platforms.</b>	<i>Social media:</i>
	<i>Web applications:</i>
	<i>Internet access:</i>
	<i>SMS/text messages:</i>

*Please specify participant population characteristics*

Item	Response
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<b>Disease/Condition status (select all that apply)</b>	<input type="checkbox"/> Healthy volunteers <input type="checkbox"/> All comers/anyone (health/disease status unknown) <input type="checkbox"/> Pregnant females <input type="checkbox"/> Participants with a confirmed medical diagnosis (specify diagnosis) <input type="checkbox"/> Participants with a suspected medical diagnosis (specify diagnosis) <input type="checkbox"/> Other:
<b>Age Group (select all that apply)</b>	<input type="checkbox"/> Preterm newborn infants <input type="checkbox"/> Newborn (0-27 days) <input type="checkbox"/> Infant and toddler (28 days – 23 months) <input type="checkbox"/> Children (2 – 11 years) <input type="checkbox"/> Adolescent (12 – 17 years) <input type="checkbox"/> Adult (18 – 65 years) <input type="checkbox"/> Elderly (> 65 years) <input type="checkbox"/> Other:
<b>Sex (select all that apply)</b>	<input type="checkbox"/> Male <input type="checkbox"/> Female
<b>Gender (select all that apply)</b>	<input type="checkbox"/> All <input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Nonbinary <input type="checkbox"/> Trans male <input type="checkbox"/> Trans female <input type="checkbox"/> Other:
<b>Ethnicity (please describe)</b>	
<b>Race (please describe)</b>	
<b>Miscellaneous Identifiers (select all that apply)</b>	<input type="checkbox"/> Incarcerated <input type="checkbox"/> Men who have sex with men <input type="checkbox"/> Refugees <input type="checkbox"/> Antenatal women <input type="checkbox"/> Postnatal women <input type="checkbox"/> Students <input type="checkbox"/> Other:

## CHALLENGES

*Please select/describe any foreseen challenges to recruitment (e.g., related to accessibility, eligibility criteria, other). Describe the planned actions to overcome these recruitment hurdles.*

Foreseen Challenge to Recruitment	Proposed Solution to Overcome the Challenge
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<input type="checkbox"/> Strict eligibility criteria, specify:	
<input type="checkbox"/> Complexity of protocol (site-level)	
<input type="checkbox"/> Participant fears of side effects	
<input type="checkbox"/> Unreliable transportation	
<input type="checkbox"/> Lack of internet	
<input type="checkbox"/> Lack of or limited cell phone service/plans/data	
<input type="checkbox"/> Limited (participant) knowledge about clinical trials	
<input type="checkbox"/> Lack of (participant) awareness of clinical trial and opportunities to participate	
<input type="checkbox"/> Participant trust and/or privacy concerns	
<input type="checkbox"/> Participant fears of or concerns with research in general or the healthcare system	
<input type="checkbox"/> Participant preference for a particular treatment	
<input type="checkbox"/> Participant or loved ones' attitudes towards participating in research	
<input type="checkbox"/> Participant aversion to random allocation of study treatment	
<input type="checkbox"/> Social and/or cultural issues related to study participation	
<input type="checkbox"/> Study staff's lack of knowledge on how to culturally tailor recruitment strategies	
<input type="checkbox"/> Insufficient relationships with community organizations serving the targeted population	
<input type="checkbox"/> Burdensome or time-consuming study visit/study schedule requirements (for the participant)	
<input type="checkbox"/> Childcare costs	
<input type="checkbox"/> Study participation requires time away from participant's work/lost wages	
<input type="checkbox"/> Competing trials	
<input type="checkbox"/> Lack of time available to integrate research into clinical activities	
<input type="checkbox"/> Lack of site resources	
<input type="checkbox"/> Lack of study management expertise	
<input type="checkbox"/> Negative footprint: effect of previous trials in the community	
<input type="checkbox"/> Other:	
<input type="checkbox"/> Other:	
<input type="checkbox"/> Other:	

## From the Practitioner's Desk

“When recruiting a research participant, especially in a study dealing with a culturally sensitive population, it is important to assign this task to certain staff members. These staff members are aware of the context and can adjust and be emotionally intelligent to handle unconscious biases that may emanate during the recruitment process.”

-Elvis Ndansi, BSN, MSN, MPH

## COSTS AND BUDGET CONSIDERATIONS

*Please use this section to help determine the anticipated costs for the study's recruitment efforts, including any costs for participant compensation, clinician referral compensation, physical materials, advertising fees, and/or personnel fees.*

Item (choose all that apply)	Estimated Cost
<input type="checkbox"/> <b>Participant compensation (ensure the compensation is realistic in the context of the communities in which the trial is taking place, and is neither exorbitant nor too little)</b>	<i>Approximate the amount of compensation the study will offer to participants and describe what it is intended to cover (e.g., “\$25 compensation per study visit to cover participant's parking fees, transportation and lunch reimbursement”):</i>
<input type="checkbox"/> <b>Clinician referral compensation (reminder that all referral compensation must have explicit Institutional Review Board/Ethics Committee approval)</b>	<i>Approximate the amount of the referral compensation that will be offered to clinicians and describe the frequency (e.g., “\$250 referral compensation for every 1 patient that is referred to the study and consents to participate”):</i>
<input type="checkbox"/> <b>Social Media advertising costs</b>	
<input type="checkbox"/> <b>Other media (e.g., newspaper, television, radio, magazine) advertising costs</b>	
<input type="checkbox"/> <b>Digital or technology-based recruitment method costs (e.g., website hosting fees, domain names, mobile app development)</b>	
<input type="checkbox"/> <b>Physical materials' costs (e.g., cost of paper, printing, post cards)</b>	
<input type="checkbox"/> <b>Staffing/personnel fees (e.g., wages/hourly rate of recruitment coordinator, if applicable)</b>	

<input type="checkbox"/> Third-party contracts/fees (e.g., Contract Research Organization, Public Relations firms or participant recruitment agencies)	
<input type="checkbox"/> Costs related to organizing community gatherings and social events to talk about the trial	
<input type="checkbox"/> Other	<i>Describe any other anticipated costs associated with recruitment efforts:</i>

## ETHICS

Ethics Statement	✓
Please kindly ensure that the study's protocol or material includes participant informed consent forms, and any related necessary ethical documents required for consent and safety tied to participation, since the study protocol is the best single place for those details. This recruitment plan will not cover the detail of that topic, policies or document	<input type="checkbox"/>
Please kindly ensure that all details of how the study team might communicate results of the study with local significant others, participants, or participants family is documented in a Communication Plan separate from this Recruitment Plan. Any policies of communication of any type outside of Ethics and Recruitment ought to appear in the study protocol, a Communication Plan, or other document, not in the Recruitment Plan.	<input type="checkbox"/>

Question	Response
<b>When recruiting participants, in the lead-up and in the moment they are deciding to participate, are they...</b>	...receiving pressure from any stakeholder to join, due to the study team? <input type="checkbox"/> Yes <input type="checkbox"/> No
	...empowered to refuse? <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Will the internet be used to disseminate information about the study, or post informational material for participants?</b>	<input type="checkbox"/> Yes* <input type="checkbox"/> No  *If yes, is this discriminating against those who do not have stable or free internet? <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Is it ethical for participants to receive sorts of "in-kind compensation", such as bus vouchers or money for motorbike transportation to and from required study visits?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Is it ethical to compensate doctors or others for referring participants to the study?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No  Please describe why you believe it is ethical or not:

<p><b>When working with vulnerable populations who may have others deciding whether or not they should be recruited to participate, what steps are being taken to ensure ethical handling of that situation?</b></p>	
<p><b>Will study participants be chosen or recruited in a way that is fair and free of prejudice?</b></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p><b>“The selection of research subjects needs to be scrutinized in order to determine whether some classes (e.g., welfare patients, particular racial and ethnic minorities, or persons confined to institutions) are being systematically selected simply because of their easy availability, their compromised position, or their manipulability, rather than for reasons directly related to the problem being studied.”<sup>1</sup> Aside from inclusion/exclusion criteria of this study, is the study selectively recruiting participants described above?</b></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p><b>If the study is ‘competing for participants’ with another study happening close by, what actions will be taken, if any, to be ethical, ethically coordinate, or otherwise accommodate this dynamic affecting both studies?</b></p>	
<p><b>Are any steps being taken to understand relationships between study team members and local recipients of study funds, as those funds are expended for advertisements, gifts, or services meant to help recruitment?</b></p>	<input type="checkbox"/> Yes* <input type="checkbox"/> No  *If yes, please describe:
<p><b>Will there be a waiting list for participants wanting to enroll?</b></p>	<input type="checkbox"/> Yes* <input type="checkbox"/> No  *If yes, what steps, if any, will be taken to ensure participants are selected fairly as spots open for participation:

<sup>1</sup> Department of Health, Education, and Welfare; National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research. The Belmont Report. Ethical principles and guidelines for the protection of human subjects of research. J Am Coll Dent. 2014 Summer;81(3):4-13. PMID: 25951677. <https://www.hhs.gov/ohrp/regulations-and-policy/belmont-report/read-the-belmont-report/index.html#xrespect>

## From the Practitioner’s Desk

“Administering the informed consent is a very important step in the screening and recruitment process for trial participants. The staff performing this task is required to have a good mastery of the study protocol. They ought to be able to answer participants’ questions and concerns. When this is poorly done and the recruiter does not demonstrate mastery of the study protocol, we lose the opportunity to recruit a potentially eligible participant. A recruitment training exercise including mock recruitment sessions are essential to prepare and access the study team’s capabilities.”

-Elvis Ndansi, BSN, MSN, MPH

## TIMELINE

Question	Response
What is the total expected or estimated study duration (months, years)?	
What is the total expected or estimated time (months, years) to recruit the participants?	
What, if any, pre-screen activities will be conducted?	
What is the total estimated time (months, years) to pre-screen participants?	
What is the amount of time, in weeks or months, expected or estimated for how long it will take before the first participant is attracted enough to enroll in the trial or study?	
How long will it take to create, gain consensus, and revise a recruitment strategy?	
How long will it take, using the recruitment strategy, to populate a Recruitment Plan?	
How long will it take to recruit, hire, and organize a team of people to dedicate themselves to implement the Recruitment Plan?	
How long will it take to train that team?	
How long might it take to write, and gain consensus on, the slogans, taglines, benefit statements, and other copy needed before purchasing ad space or radio ads or other placement?	

How long for preparation of images and graphics (for advertisements)?	
How long might it take for purchasing ad space or radio ads or other placement?	
Will the effectiveness of these messages or content, and the channels used, be tested in order to settle on a set of best approaches?	<input type="checkbox"/> Yes* <input type="checkbox"/> No  *If yes, how much additional time might that take?
How long will the engagement with stakeholders, such as clinicians with appropriate patients, or with families or tribal leaders, require?	
For the Launch phase, how long is that expected to take?	
How long will the Ongoing Recruiting phase take, when the trial or study has enrolled participants and treatment or sample collection or testing are being performed?	
At what % of participants enrolled will the timeline change to Final Recruiting phase?	
Is it expected that the team performing Final Recruiting will stay involved to a Post Trial phase?	<input type="checkbox"/> Yes* <input type="checkbox"/> No

## TIPS

This section requires no action but is intended as a resource to aid in recruitment planning. The following are strategies that have proven successful in enhancing study recruitment.

Tip	✓
Ensure the individual who is responsible for making the first contact is educated about the aim and process of the study. Ensure that individual possesses an attitude that is sensitive to the cultural values of the study population.	<input type="checkbox"/>
Be sensitive to the values of potential participants. Culture may serve as a barrier to participating in research.	<input type="checkbox"/>
Offer financial incentives to potential participants. These could include financial or other gifts, or free health or childcare.	<input type="checkbox"/>
Tell people what they are receiving in a study (e.g., no-cost antenatal visits).	<input type="checkbox"/>
Share quotes or testimonials from previous study participants.	<input type="checkbox"/>
Use flexible hours for participation, assistance with transport and conducting visits at convenient locations for the participant.	<input type="checkbox"/>
Conduct the assessment procedures at opportune times. These might be after the participant's work hours, on weekends and in places such as the participant's home or childcare center.	<input type="checkbox"/>
Mention scarcity of study spots to fill (e.g., "only a limited number of spots remain on this study"), if such information is accurate and ethical.	<input type="checkbox"/>
Show letters (signed by influential people) introducing the study.	<input type="checkbox"/>

Phone (i.e., a telephone reminder) people who do not respond to other invitations to take part in a study.	<input type="checkbox"/>
Utilize opt-out consent (vs active consent, i.e., “opt-in consent”), where appropriate.	<input type="checkbox"/>
Create an easy-to-read consent form.	<input type="checkbox"/>
Present ethics committees with (and obtain approval for) a ranked list of recruitment strategies that might be used depending on how recruitment is progressing. This may avoid delays before implementing additional strategies.	<input type="checkbox"/>
Involve consultants from the communities where the participants will be recruited. Use them to identify approaches and strategies that match the needs and values of the potential participants.	<input type="checkbox"/>
Consider using a questionnaire (within the invitation to participate) covering issues relevant to the study.	<input type="checkbox"/>
Recruit at a church.	<input type="checkbox"/>
Employ active methods of recruitment (e.g., telephone, face-to-face interactions) vs. passive methods (e.g., posters or brochures in clinic waiting rooms).	<input type="checkbox"/>

## TRACKING PERFORMANCE AND METRICS

Please answer the following questions, and when appropriate, add additional explanatory information.

Question	Response
<b>What system will you be using for collecting recruitment data?</b>	<input type="checkbox"/> a common open database  Please specify: <input type="checkbox"/> OpenClinica <input type="checkbox"/> REDCap <input type="checkbox"/> Other:
	<input type="checkbox"/> an MS Office tool  Please specify: <input type="checkbox"/> Microsoft Excel <input type="checkbox"/> Microsoft Access <input type="checkbox"/> Other:
	<input type="checkbox"/> a paper-based method  Please describe:
	<input type="checkbox"/> Other (none of the above)  Please describe:
<b>What is the latest time by which to select the technology and identify a</b>	

named team member to set up the system to track recruitment?	
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Additional questions:

Question	Response																						
State who in your team are assigned recruitment goals.																							
Will the recruitment goals be listed as or represented as number of enrollees?	<input type="checkbox"/> Yes <input type="checkbox"/> No*  *If no, please explain how goals are counted or defined:																						
Please list recruitment goals for each person or role type.	<table border="1"> <thead> <tr> <th data-bbox="824 835 1182 871">Role Type or Person</th> <th data-bbox="1182 835 1416 871">Goal</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Role Type or Person	Goal																				
Role Type or Person	Goal																						
Is there a defined start time for counting recruitment?	<input type="checkbox"/> Yes* <input type="checkbox"/> No  *If yes, please define:																						
Is there a defined end time for counting recruitment?	<input type="checkbox"/> Yes* <input type="checkbox"/> No  *If yes, please define:																						



<b>Will there be a projected or forecast recruitment goal, across the duration of the effort?</b>	<input type="checkbox"/> Yes* <input type="checkbox"/> No  *If yes, please define:
<b>If the process is already known, please describe how pre-screening counts, screening counts and enrollment counts will be recorded.</b>	
<b>When is it expected that decisions will be made on how pre-screening counts, screening counts and enrollment counts will be recorded?</b>	
<b>What is the name of the individual who will be responsible for ensuring pre-screening, screening and enrollment counts are properly calculated, with the data saved?</b>	
<b>If there are multiple sites for the study, will there be multiple individuals—perhaps one per site—responsible for inputting and storing the pre-screening, screening and enrollment data?</b>	
<b>Typical visual charts that track recruitment have “Time” at the bottom/on the X-axis. On the Y-axis, it shows a count of pre-screened, screened or enrolled participants. In this chart, will the bottom axis be broken into Months, Weeks, or Days?</b>	<input type="checkbox"/> Months <input type="checkbox"/> Weeks <input type="checkbox"/> Days
<b>How frequently will data be given to the technical person in order to report by Months, Weeks, or Days?</b>	
<b>How old will the data be in the reports? For example, will the reports show weekly recruitment totals for one year ago? Or will the reports show weekly recruitment totals including up to the week before? [usually this answer depends on how long it takes to collect all the data, store it, clean it if needed, and create the report]</b>	
<b>Will it be possible to track the number of participants enrolled through each recruitment channel (e.g., the number of subjects recruited</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No

via Facebook or via a patient advocacy group)?	
How will the reason(s) a person declines study participation be tracked and how often will these data be reviewed in order to inform possible modifications to the recruitment strategy?	
How will a lag in enrollment be identified and quickly addressed (e.g., weekly teleconferences with sites, weekly study team meetings, frequent review of study-wide enrollment data)?	
How often will the study Sponsor be provided an update on target vs. actual recruitment data?	
How often will the study Funder be provided an update on target vs. actual recruitment data?	

**From the Practitioner’s Desk**

“If you have two staff screening and recruiting participants at a research site and one of them is registering a higher acceptance rate and enrollment numbers, while the other staff is having a high decline rate and low enrollment numbers, it a good pointer to assess the recruitment skills of the latter. Not everyone is a good communicator even when they know the content so well.”

-Elvis Ndansi, BSN, MSN, MPH

## BEST PRACTICES

*The following best practices have been compiled from the public domain (e.g., literature, web search) and are intended to provide a non-exhaustive review of key recruitment practices that could increase the success of the recruitment strategy.*

<b>Know the Study Population</b>	
Get to know the study population: when designing a research study, considering the participant’s point of view will help ensure the study does not put unnecessary burden on the participants.	<input type="checkbox"/>

<b>Minimize Participant Burden</b>	
Properly understand participant needs and preferences before starting recruitment.	<input type="checkbox"/>
Make it easy for potential participants to get information about the study (e.g., a study hotline that is free to call, dedicated webpage).	<input type="checkbox"/>
Minimize any inconveniences (real or perceived) to the potential participants.	<input type="checkbox"/>
Keep participants engaged.	<input type="checkbox"/>
To ease participant burden, schedule follow-up visits to coincide with other visits and facilitate patients' preferences.	<input type="checkbox"/>

<b>Spend Adequate Time Pre-Screening/Screening Potential Participants</b>	
It is important that participants feel they are part of the research, too. Creating a positive experience is an excellent way to gain referrals and promote study awareness.	<input type="checkbox"/>
Spend adequate time with participants and answer any questions they have about the study.	<input type="checkbox"/>
Support any difficulties of multicultural populations as participants. This can increase the participant pool.	<input type="checkbox"/>
Ensure pre-screening efforts and assumptions are not preventing eligible and potentially interested participants from being offered study opportunities. Encourage Investigators and site staff to broadly offer study opportunities to all their eligible patients.	<input type="checkbox"/>
Keep patient retention top of mind.	<input type="checkbox"/>
To avoid difficulties with loss to follow-up, it is important to exclude participants from a study who are unlikely to comply with the requirements of the study.	<input type="checkbox"/>

<b>Compensate Participants Fairly and Timely</b>	
Ensure participants are compensated appropriately in the study. Think about what is "reasonable" or "adequate" or "as deemed necessary."	<input type="checkbox"/>
Ensure participant compensation is made in a timely manner.	<input type="checkbox"/>

<b>Utilize Recruitment Methods That Are Appropriate for the Study Population</b>	
Use a wide variety of recruitment methods.	<input type="checkbox"/>
Utilize digital recruitment campaigns when possible or appropriate.	<input type="checkbox"/>
Use follow-up services (e.g., a follow-up phone call to a participant who initially expressed interest in the study).	<input type="checkbox"/>
Contact participants who have already expressed interest in studies.	<input type="checkbox"/>
Inform health care providers about the study.	<input type="checkbox"/>
Connect with nonprofit partners and patient advocates.	<input type="checkbox"/>
Screen participants for multiple trials at a time, if possible.	<input type="checkbox"/>
Avoid medical jargon in recruitment materials and use everyday wording instead.	<input type="checkbox"/>

Convey in the recruitment materials ‘what’s in it for me’. Some evidence showed a majority of participants interested in clinical trials were motivated by a personal benefit.	<input type="checkbox"/>
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<b>Leverage Existing Relationships (or Invest in Building New Ones)</b>	
Leverage trusted relationships to recruit and retain participants.	<input type="checkbox"/>
Invest in building trust among historically underrepresented populations.	<input type="checkbox"/>

<b>Perform Thorough Site Feasibility and Training</b>	
Ensure study sites undertake accurate study feasibility before accepting the trial.	<input type="checkbox"/>
Conduct an internal kick-off meeting with the appropriate study teams/sites.	<input type="checkbox"/>
Train Investigators and site staff on how to better communicate trial opportunities in terms of participant benefit.	<input type="checkbox"/>
Set recruitment targets and provide incentives to maintain Investigator or site interest.	<input type="checkbox"/>

### From the Practitioner’s Desk

“Recruiting research participants requires some level of training that is tailored toward the type of participants to be recruited. Not everyone in the study team can play this role.”

-Elvis Ndansi, BSN, MSN, MPH

<b>Spend Adequate Time Planning for and Tracking Recruitment</b>	
When designing a study, special considerations must be made for the length and complexity of the trial from the participant and Investigator perspectives. Participants are unlikely to enroll in studies they find difficult to understand and that require multiple follow-ups. Likewise, Investigators typically avoid studies that are overly complex and require excessive hours spent on paperwork.	<input type="checkbox"/>
Plan reasonable expectations of site enrollment.	<input type="checkbox"/>
The Principal Investigator and/or Study Manager should review recruitment at participating sites regularly to address problems or praise top recruiting sites.	<input type="checkbox"/>
It is important to have a trajectory graph of recruitment. If the recruitment rate deviates from the expected trajectory, the graph will allow the Investigator/Study Manager to pinpoint periods of slow recruitment.	<input type="checkbox"/>
If recruitment is very low or slow, re-evaluate the inclusion and exclusion criteria to determine if it is too restrictive and can be modified without losing study integrity.	<input type="checkbox"/>
Identify sites with consistently low recruitment and address the site-specific problems. Add new Investigators and sites if necessary.	<input type="checkbox"/>
Make every effort to locate lost participants.	<input type="checkbox"/>



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