

# **OBJECTIVES**

- Explain the importance of the clinician to patient awareness and acceptance of clinical trial participation
- 2. Describe the trial recruitment process and identify strategies that are feasible for non-research clinicians to incorporate into practice
- 3. Identify resources for connecting patients to research education or trial opportunities
- 4. Distinguish possible strategies to mitigate the diversity disparity in research



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# WHY ARE PARTICIPANTS SO IMPORTANT?

- A 2015 analysis of registered trials revealed that 19% were closed or terminated early because they could not accrue enough participants
- As many as 86% of clinical trials do not reach recruitment targets within their specified time periods
- Data suggest that study timelines have potentially doubled beyond planned enrollment periods due to low recruitment rates
- Failures to meet recruitment goals have important scientific, financial, ethical, and public health implications
- Without participants, the best ideas could go untested

RECRUITMENT

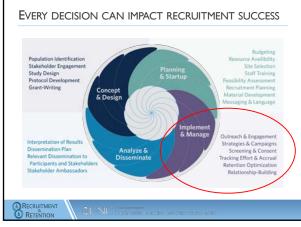
## TRADITIONAL RECRUITMENT

- Typically, recruitment into clinical trials and research more broadly has been driven and executed by individual research teams on a study-by-study basis
- Recruitment is primarily considered once the study has launched
- Recruitment takes many forms both active and passive



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### **EXAMPLES OF STANDARD RECRUITMENT METHODS**

- Approaching in clinic
- Provider referral
- Letters
- Cold calls
- Flyers
- Radio/TV/Newspaper Ads
- Social Media
- Technology
- Health fairs

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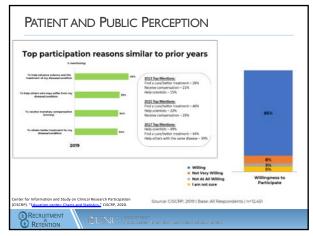
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# Where is this information coming from? Where is this information coming from? History Friends and family Cutture Media Health system Research enterprise Clinical staff Nurses and other clinical personnel Primary physicians Physician specialists Study coordinators/RAS The Principal Investigator

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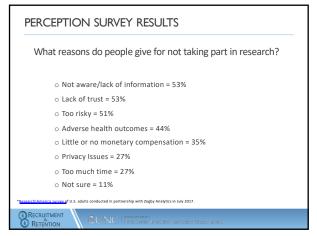


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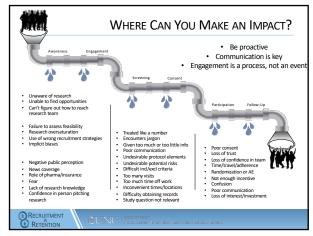


# PATIENT AND PUBLIC PERCEPTION • A 2019 meta-analysis revealed that the overall rate of patient participation in cancer clinical trials is 8.1% — Academic sites: 15.9% — Community sites: 7.0% — Between these, no significant differences in rates of trial unavailability or ineligibility Patient Factors Clinician Factors Structural Barriers Clinical Barriers Clinic

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## CLINICIAN IMPACT ON PATIENT PERCEPTIONS

- Roles
- Timing and normalization
- Communication
- Transparency
- Meeting the patient where they are
- Lay Language and a "Shame-Free" environment
- Consider and confront your own personal opinions about research
- Resources
- Tell research teams what you need



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### THE ROLE OF THE CLINICIAN

- The single most influential factor in enrolling patients in clinical trials is clinician influence.
- Your role in research engagement will vary depending on your setting and patients
- The ability of your patients to engage will depend on a lot of factors
- The clinical environment, your ability to discuss research, and the resources available will all serve to either frame or reframe the patient perception of research and their possible role in it
- Empower the patient to engage and give them the tools/knowledge to drive their own choices



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### ASKING THE CLINICIAN TO MAKE THE INTRODUCTION

- Clinician introduction and referral is both the most successful and most challenging recruitment method
- · Regardless of recruitment specifically, clinicians are the trusted source – a few conversations with a trusted clinician goes a long way toward helping an individual decide what is right for them
- Everyone should be approached it's up to the patient to decide if they want to be part of research, not the clinician



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## OF NOTE IN CANCER CLINICAL TRIALS

Barriers noted specifically to participation in a cancer clinical trial:

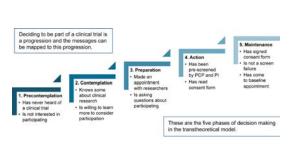
- Fear of reduced quality of life
- Concern about receiving a placebo
- Potential side effects
- Concern that experimental drug may not be the best option
- Inconvenience of participation
- Dislike of randomization Difficulty with eligibility criteria
- · Wanting one's own doctor to decide
- Feeling coerced
- Lost of control over treatment decisions
- Lack of encouragement or active discouragement from treating clinicians to participate
- Misinformation in that women fear getting "no **treatment**" (placebo), even though providing the best standard of care is the ethical requirement in cancer trials.
- The misconception that clinical trials are a last-ditch effort, and one should participate only after failing to respond to approved, conventional treatments

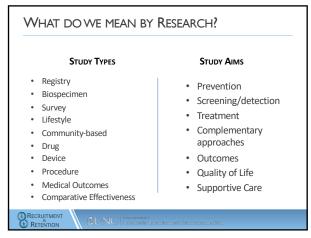
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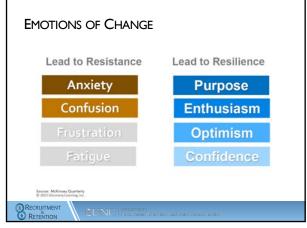
### COMMUNICATION

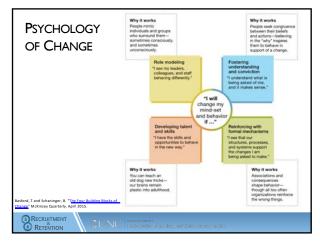




# Nou need to frame your message for your audience One, clear take-home message Meet the person where they are Provide information in manageable chunks and encourage questions Set aside your assumptions and consider the perspective of the audience Identify why you feel that research is important

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## **EXAMPLES OF PITCHES AND IMPORTANCE**

- "Are you familiar with research?"
- "Have you ever done a research study before?"
- Draft some example pitches to demonstrate how easy to incorporate

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### CLINICIAN BARRIERS TO OFFERING RESEARCH

- Clinicians often decide not to ask eligible patients about trial participation due to institutional or clinic time/reimbursement constraints, treatment preference, or other reasons This removes a key opportunity for patients to consider taking part in a trial.
- Surveys have shown that patients look to their doctors as a major source of information about clinical trials and that when eligible patients are actually offered trial participation, they say yes more than 50% of the time.



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## EXPAND ON CLINICIAN BARRIERS AND MITIGATION

- Research largely exists separately from clinical practice
- · Disincentives to referrals
- Unwilling to shift care of their patients
- Time
- Study questions and protocol often designed outside context of clinical practice
- · Capability of system to act on findings



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## SUMMARY OF CLINICAL STRATEGIES

- Develop strategies that are realistic within your environment
- Focus on either end of the research spectrum help to educate and disseminate
- Create a culture that normalizes research
  - Visibility
  - Knowledge
  - Transparency
- If no time/ability to specifically recruit begin the engagement process and provide resources

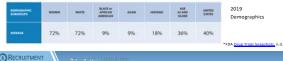


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### CONFRONTING BIASES - DIVERSITY IN RESEARCH

- It's not just about hitting a target; it's about making sure that you are gathering data on a representative sample of your intended population
- Without diverse participants, there is a real danger of missing valuable insight or developing treatment which may not impact all populations the same way
- Less than 10% of patients enrolled into clinical trials are minorities



# CRITICAL BARRIERS TO DIVERSE PARTICIPATION

- Mistrust
- Lack of comfort with the clinical trial process
- · Lack of information about clinical trials
- Time and resource constraints associated with participation
- Lack of awareness about the existence and importance of clinical trials
- · Implicit or direct bias



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## STRATEGIES TO BOOST INCLUSION/DIVERSITY

- Implicit bias/racial equity training
- · Diversify research staff
- · Participant navigators, patient advocates
- · Participant ambassadors or peer networks
  - More important to those with chronic conditions
- Ability to include non-English speakers
- Awareness of context and perceptions
- Ability to have a transparent and honest conversation about history, lessons learned, concerns, and the many levels of engagement
- Expand involvement of community clinicians and rural communities
- · Community engagement



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# FINDING A CLINICAL TRIAL (OR OTHER STUDY)

- · Local Resources:
  - UNC: Research for Me @UNC or LCCC
  - Duke: <u>Discover Duke Research</u>
  - Wake Forest: <u>Be Involved</u>
- National Resources:
  - <u>CISCRP trial search</u>: free; staff assisted
  - ClinicalTrials.gov
  - National Cancer Institute



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### OTHER BARRIERS

- Structural Barriers
  - No studies available for participant condition
  - Logistics
- Clinical Barriers
  - Narrow eligibility criteria
  - Aversion to changing/adding care provider
- Study Design Barriers
  - Question irrelevant to target population
  - Structure or compensation not well considered
  - Poorly trained staff
  - Poorly written materials



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### WHAT IS COMMUNITY ENGAGEMENT?

"the process of working collaboratively with and through groups of people affiliated by geographic proximity, special interest, or similar situations to address issues affecting the wellbeing of those people." (CDC, 1997, p. 9)."



CTSA Community Engagement Key Function Committee. "Principles of community engagement." (2011): 11-7782.

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WHO IS INVOLVED IN COMMUNITY ENGAGEMENT?

**Stakeholders** are people or organizations invested in a program and/or impacted by its effect, success, or failure.

 Community members or leaders, patients, caregivers, health care providers, industry, advocacy or community-based organizations, etc.

# Consider:

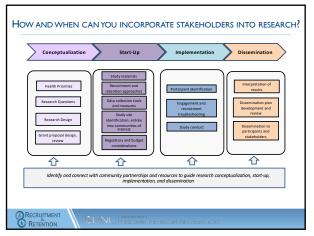
 Who will benefit? Who has key insights? Who are the gatekeepers? Individuals perspectives vs. group representation?



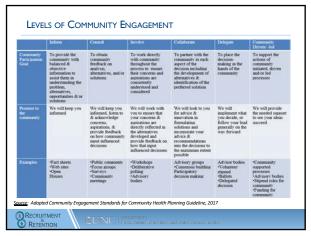


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What benefits does engagement bring?	
• D	etter understanding of community-specific issues and needs
	ommunity relevant research
	tilizes community assets
	enerates new ideas and methods
_	ommunity buy-in = sustainability
	ommunity satisfaction, empowerment, trust in research
	lentify potential roadblocks ahead of time
	acilitates dissemination and translation of findings
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### PRINCIPLES OF COMMUNITY ENGAGEMENT

- Be clear about the goals of the engagement effort
- Become knowledgeable about the community
- **Build trust** go to the community, establish relationships
- Collective self-determination is the community's right
- Partner with the community to create change/improve health
- Recognize and respect the community's diversity
- Identify and mobilize the community's assets
- Commit long-term to community collaboration
- Prepare to release control to the community

Principles of Community Engagement, https://www.atsdr.cdc.gov/communityengagement/pdd/FCE, Report 508 FINA Wallerstein N, Minkler M, Carter-Edwards L, Avila M, Sanchez V, Z



### WHAT CAN YOU GIVE TO YOUR STAKEHOLDERS?

- Financial compensation
- · Capacity building and support
- Equal partnership
- Long term relationships, sustainable investment
- Ask them!





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### SUMMARY

- Continuum of engagement and culture shift
- Patients are partners in the process and decision
- · Communication is key
- Resources and marketing aimed at research education and awareness
- Treating people like people and research as a viable and accessible option



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### SUMMARY

- Well-designed, patient-engaged trial design
- Reasonable inclusion/exclusion criteria
- Involvement of primary and treating clinicians
- Involvement of advocates and navigators
- · Education, awareness, and accessibility



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## IMPACTS ON PARTICIPATION

- Awareness/knowledge of research
- · Perception of research
- Motivation to participate
- · Accessibility of research
- Introduction to research (broadly or to a specific study)
- The study design itself and the study team



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