Participatory research in PBRNs

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objectives

- understand the role of participatory methods in PBRN research
- begin to gain a working knowledge of key methods
- brainstorm how participatory methods might inform your own work

why?

- community/patient participation ensures results
 that are more quickly translatable
- keeps us researchers honest
- changes the trajectory in a meaningful way
- it's more fun!



We're from the University. We're here to help!



basic principles

- recognizes community as a unit of identity
- builds on strengths and resources within the community
 facilitates collaborative, equitable involvementofall partners in all phases of research
- integrates knowledgeand intervention for mutual benefit of all partners
- promotes a co-learning and empowering process that attends to social inequalities
- involvess ordariaterus to social inequalites
 involvess cyclical anditerative process
 addresseshealth from both positive and ecological perspectives
 disseminatestindings and knowledge garined to all partners
 involveslong-term commitment by all partners



it's about relationships





PBRN's & CBPR



Westfall JM, Fagnan LJ, Handley M, Salsberg J, McGinnis P, Zittleman LK, et al. Practic based research is community encacement. J Am Board Fam Med. 2009 Jun.22/4/423-7



LA Net's experience

LA Net - some lessons learned about CBPR

- Just because it says "community" doesn't mean it is "community" --- CBPR is not just about method -it's about power (and money)(COMR)
 - 2. Timing is important –university timelines and community timelines are not the same plan to produce quarterly reports on "findings" on issues that matter to community
- 3. Hard to get tenure on community work slower process, softer outcomes, less money

Patient-partnered redesign

1. Community councils and advisors are common method for incorporating community - but not always "meaningful"

2. VA very strong commitment to community had vets participate in QI meetings. Provided their input but not meaningful

3. Needed vehicle/method to made their input powerful

Developed new process: Patient- partnered redesign

- A. QI coach meets with patient-partner
- B. Maps story of recent visit (then what happened and then..)
- C. Meet with care team, clinic
- D. Map the visit as it was
- E. Work together with patient to map the visit as "wished" it were
 F. Develop improvement goals from these









Outcomes from this:

- Meaningful and powerful participation by veterans
 Teams recognized important role of clerks
 Customer service training for clerks

- 4. Greeter and escort for people from parking lot & building
- Another group: change in 6 month wait time for surgery



Boot Camp Translation

What is Boot Camp Translation (BCT)?

• A process by which academic researchers and staff and community members partner to translate evidence-based medical information and jargon, and clinical guidelines into concepts, messages, and materials that are locally relevant, meaningful, and engaging to community members.

BCT Steps

Using their local community expertise and research skills, community members and research teams partner to:

- 1. Evidence Meet to learn about a topic that is affecting their community.
- 2. Relevance Determine the information to pass along to community.
- 3. Target Determine patients and community members that need to be reached.
- Action Identify what we want people to do
 Create Create messages, materials, and dissemination strategies.





Aims

- 1. Implement the AHRQ SMS Library/Toolkit across four participating networks and 16 practices using Boot Camp Translation in a stepped-wedge design.
- 2. Assess the impact of implementation on practice staff and patients engaged in chronic care management.
- 3. Identify the factors related to successful implementation.



Methods

- Stepped wedge design with 5 waves
- BootCamp Translation in each PBRN with patients & practices
- Implementation evaluation:
- Interviews and observations in each practice x2
- Qualitative Comparative Analysis
- Outcomes evaluation:
- · Surveys of patients (PAM & PACIC) and practices (CS-PAM & TPE
- Quantitative tests for shifts & slope changes in outcome measure

Four networks - Four BCT's

- Colorado team traveled in March (ORPRN), May (WREN) and July (IRENE)
 - 2 days on-site to prep the local team, lead the BCT kick off, debrief and prep for phone calls
 - Additionally we coached each team through remainder of their calls
- Colorado kicked off in Sept.













Measure	Survey	Control	Inter vention	Differential Intervention
Patient Activation Measure	1	66.72	66.07	F(.840)=0.87, p=.3515
	2	66.79	66.72	
	3	66.86	67.36	
Process of Care (from PACIC)	1	31.32	30.19	F(1,791)=16.75, p<.0001
	2	30.76	31.25	
	3	30.20	32.32	
Self-reported health (lower score is better)	1	3.17	3.35	F(1,832)=4.89, p=.0273
	2	3.16	3.25	
	3	3.16	3.16	



how about your ideas?

