







RECOGNITION AND RESOURCES

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OBJECTIVES

- Explain importance of outcomes research
- Define outcomes research
- Describe the outcomes approach
- Discuss study designs
- Discuss conceptual models
- Discuss measurement
- Describe key steps in outcomes research
 Example of outcomes research

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WHAT IS OUTCOMES RESEARCH?

- No consistent definition
- Many disciplines involved- social sciences
- How it differs from "traditional" medical research - Effectiveness vs. efficacy
- Broader range of interventions (ex: patient education)
- Different outcomes- more holistically focused (ex: functional status, quality of life, treatment burden) $% \left(\left({{{\mathbf{x}}_{i}}} \right) \right)$

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MEASUREMENT ISSUES- DEFINE THE GOAL

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- · Determine what construct to measure
- Determine how that measure will be used
- Determine if you need a broad or narrow measure(s)
- Generic vs. disease specific?
- Scope of the measure?Range of the measure? (wider range= less precision)
- What level of precision?
- Information source
- Mode of administration

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TYPES OF OUTCOMES-QUALITY

- Generic Measures
- Comprehensive measures that transcend one disease (breadth)
 Can be used to compare effects of treatments across diseases
 Examples: morbidity, mortality, QALYs
 Condition-specific measures
- Measure changes in key aspects of a single condition
 Types
- Olinical (signs, symptoms or tests)
 Experiential (impact on patient)
 Patient reported outcomes
 Self-reported
- Senteported
 Performance-based measures
 Observer reported measures
 Clinician reported measures

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IDENTIFY THE RESEARCH QUESTION

- Goal: Compare the Effectiveness of PA/NP roles in primary care on outcomes for patients with diabetes
- Aims
- 1. Evaluate the distribution of primary care services between PA/NPs and physicians for
- patients with diabetes 2. Characterize the roles of PA/NPs in primary care and identify panel characteristics that
- predict PA/NP role 3. Determine whether different PA/NP roles on primary care panels relate to the quality of diabetes-specific care

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FORM THE TEAM

- Community or organizational partner
- Identify necessary expertise
- Identify necessary skills
- Identify individuals that will match the culture of your team Work $\ensuremath{\mathsf{style}}$

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- Responsiveness
- Collaboration style
- Communication style

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	Doctor as usual provider, Doctor as usual provider, PAINP as usual no PA/NP supplemental PA/NP provider											
	Mean n	SD	Min	Max	Mean n	SD	Min	Max	Mean #	SD	Min	Маж
Visits with usual provider	4	3	1	52	4	2	1	17	3	3	!	24
Visits with supplemental doctors Visits with supplemental PA/NPs	0	0	0	7	0	1	0	10		1	0	7
Total visits	4	3	ī	52	4	3	i	25	5	5	1	43
Note. Adjusted to mean age, ACG entitlement, dementia, obesity, an symptoms, vision, and hearing: PA	d peripher	ral ulc	ers act	and ov	tients. Ot	er vi	sit = pr	eventio	n, pregna	ncy, ill-		













For additional information

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