

RESEARCH REVIEW

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INTRODUCTION

- Purpose of these sessions
- Developing research questions
 - Short video

SAMPLE QUESTIONS FROM FACULTY AND RESIDENTS

Is the no show rate higher in populations who do not receive appointment reminders, (i.e., refugee populations)?

How do we identify patients eligible for lung cancer screening?

What percentage of patients are at their goal BP?

What percentage of patients get "touched" in some way by behavioral health (i.e., BH visit, warm handoff, therapy visit, developmental screening, substance contract, inpatient consult)?

HOW TO TURN YOUR QUESTION INTO A STUDY

- Example: What percentage of patients are at their goal BP?
- Start small
- The same question can evolve as larger projects develop
- Descriptive study:
 - Identify patients with HTN and documented BP goal
 - Examine last blood pressure reading
 - Describe patient characteristics and prevalence of BP control according to goal

HOW TO TURN YOUR QUESTION INTO A STUDY

- Analytic study:
 - *What factors are associated* with blood pressure control among patients with HTN and documented BP goal?
 - Extract demographics and relevant medical history from EPIC report
 - E.g.: Age, gender, race, language, location, insurance status, SDoH diagnosis codes, comorbidities, etc.

HOW TO TURN YOUR QUESTION INTO A STUDY

- Patient survey/interviews
 - Are there specific attitudes, beliefs or behaviors associated with blood pressure control?
 - What do patients think contributes to achieving blood pressure control?
 - What do patients identify as the barriers to achieving blood pressure control?
 - Are there specific things that their health care providers can do to help achieve blood pressure control?

HOW TO TURN YOUR QUESTION INTO A STUDY

- Patient survey/interviews
 - How do I do this?
 - Resources and support:
 - Department of Family Medicine Pilot Grants
 - Medical Student Summer Research Program (MSSRP)

HOW TO TURN YOUR QUESTION INTO A STUDY

- Intervention
 - Does regular contact with a RN care coordinator help patients achieve their blood pressure goal?
 - Intervention group: regular contact with RN care coordinator
 - Control group: usual care
 - How do I do this?
 - Partner with the Quality Improvement Team/PCMH Leadership
 - Methodologic input from Research Development Committee

WRAP UP

- Your practice informs your research and vice versa
- There are many ways to answer the same question
- Start with a small, feasible project
- Reach out to the Research Development Committee for support