



# 2019

WREN CONFERENCE

## Meaningful Medicine: Lifelong Learning in Your Practice

Departments of Family Medicine and Community Health, Medicine (Division of General Internal Medicine) and Pediatrics Research Forum

**Friday, September 13, 2019**  
11:00 am–5:00 pm

University of Wisconsin School of Medicine and Public Health  
Health Sciences Learning Center • Room 1345  
750 Highland Avenue • Madison, WI 53705

# No Conflicts of Interest to Report



# Learning Objectives

- Understand why Primary Care research is important to improve patient care.
- Learn that Primary Care research can be fun, and an antidote to burnout.

This conference will highlight the achievements of many of you in the audience, and invited speakers to illustrate these points.

# WREN Practices

200 practicing clinicians

80 clinic sites

59 communities

36 counties

37 health systems

Nine current projects





# PBRN Definition

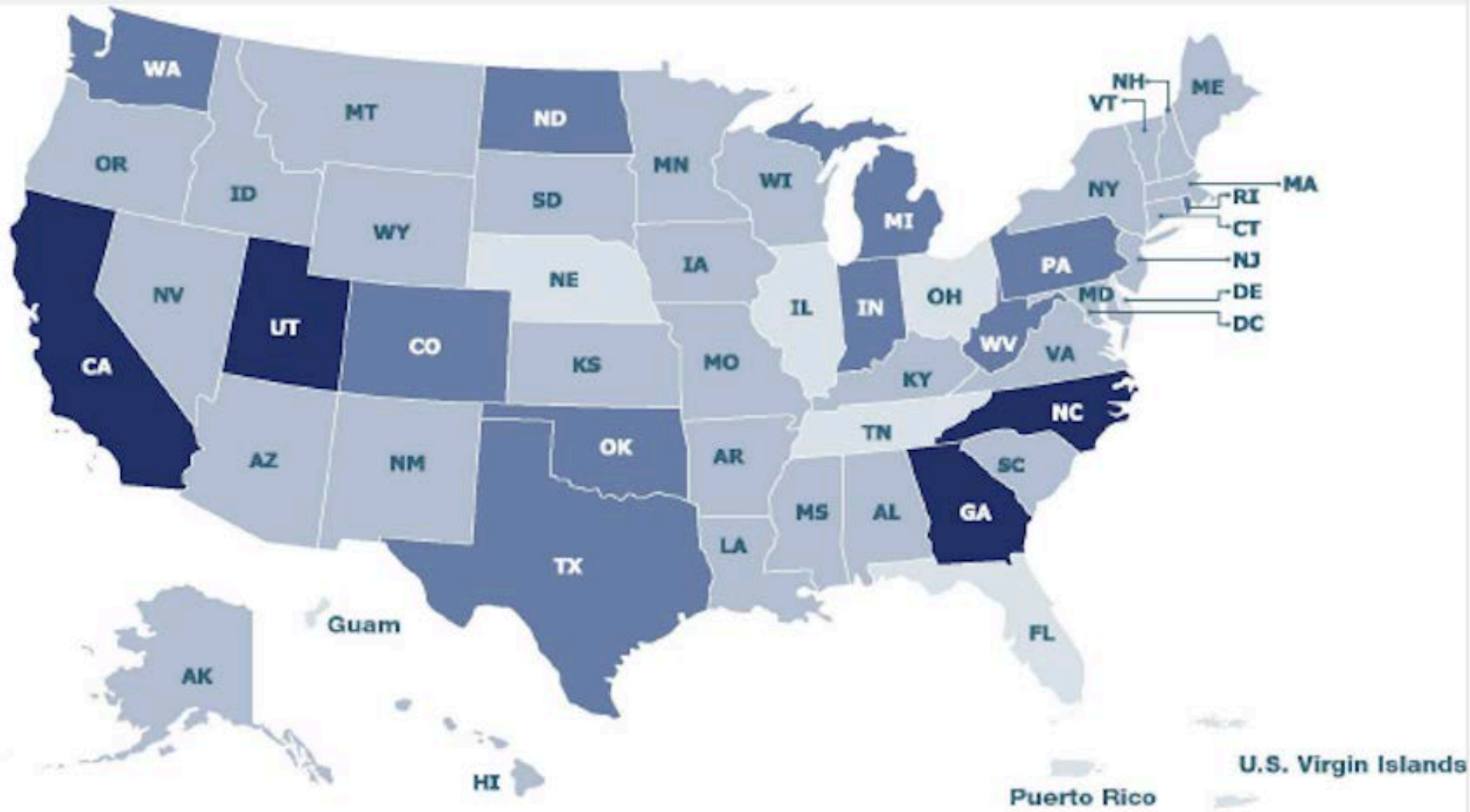
Groups of primary care clinicians and practices working together to

- **Answer** community-based health care questions
- **Translate** research findings into practice
- **Engage** clinicians in quality improvement
- **Promote** an evidence-based culture in primary care practice

Agency for Healthcare Research & Quality (AHRQ)



# 174 PBRNS across 29,455 Practices, where 153,736 Clinicians Serve Over 86 Million Patients

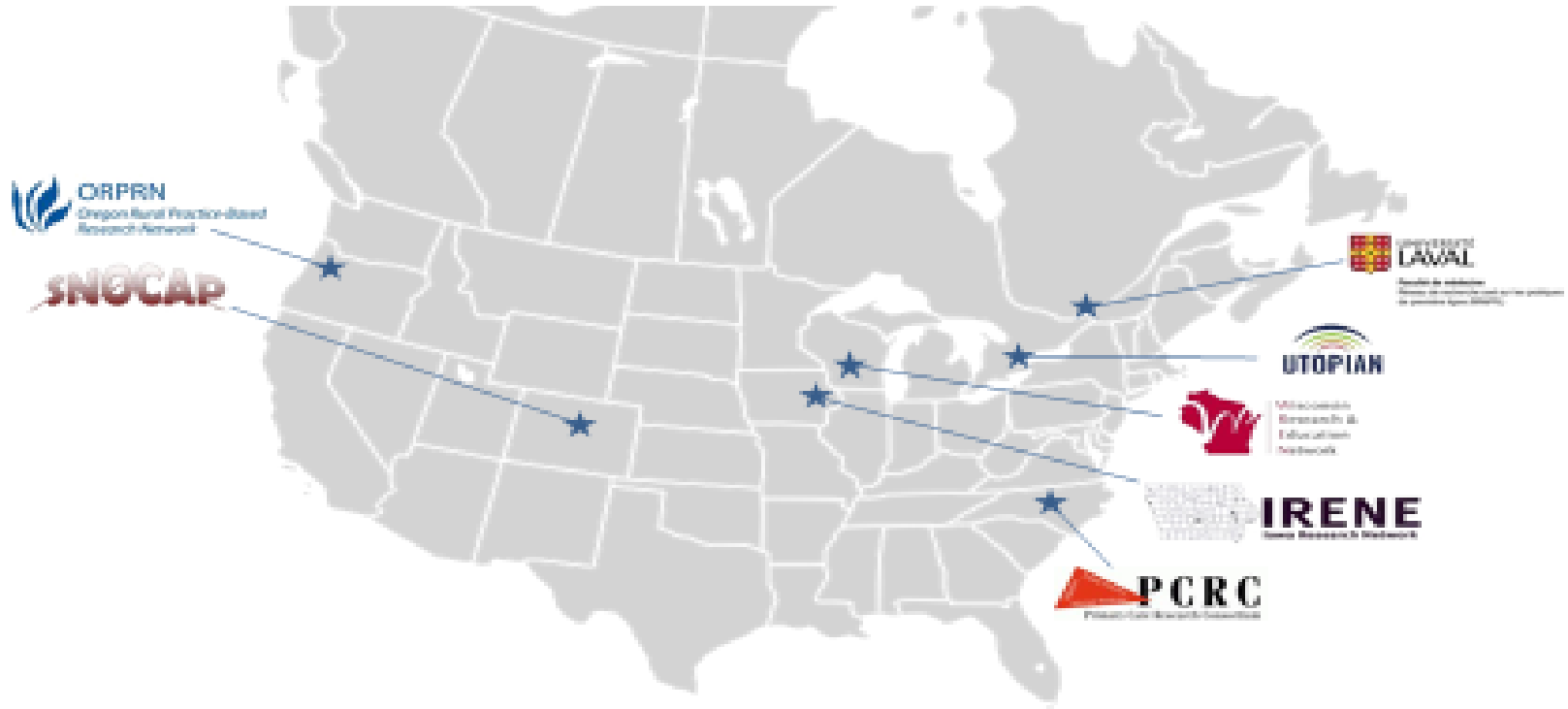


Number of PBRNs with Member Practices in State/Territory

- 2-20
- 21-30
- 31-40
- 41-52



# Meta-network Learning And Research Center (Meta-LARC)



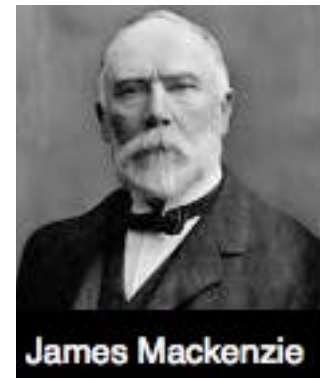




# Importance

“Whole fields essential to the progress of medicine will remain unexplored, until the general practitioner takes his place as investigator.”

Sir James MacKenzie (1853-1925)





# Importance

“I had not been long in the practice when I discovered how defective was my knowledge...For some years I thought that this inability to diagnose my patients’ complaints was due to personal defects, but...*I came to recognize that the kind of information I wanted did not exist.*”

Sir James MacKenzie (1853-1925)

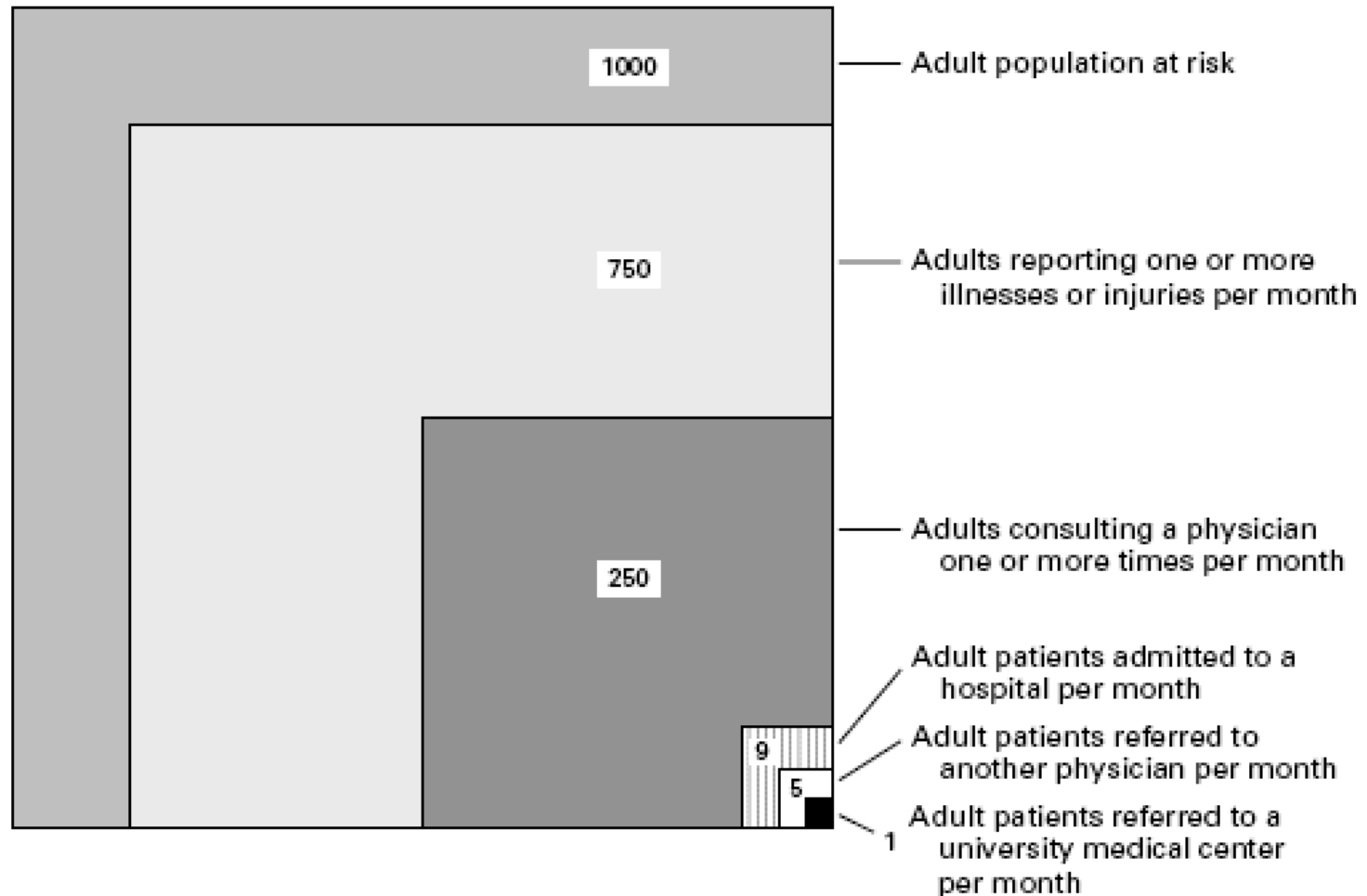
# Importance

“Western medicine is on the threshold of a renaissance in clinical research. This will not be the clinical research conducted during recent decades at the bedside or in the laboratory. It will be clinical research conducted with the cooperation of ambulatory patients in the doctor’s office, the health center, the clinic, the outpatient department, and the home.”

Kerr White (1917-2014)



# Importance



**Figure 1.** Monthly Prevalence Estimates of Illness in the Community and the Roles of Physicians, Hospitals, and University Medical Centers in the Provision of Medical Care.

Data are for persons 16 years of age and older. Reprinted from the 1961 report by White et al.<sup>1</sup>

# Translating Research Into Practice

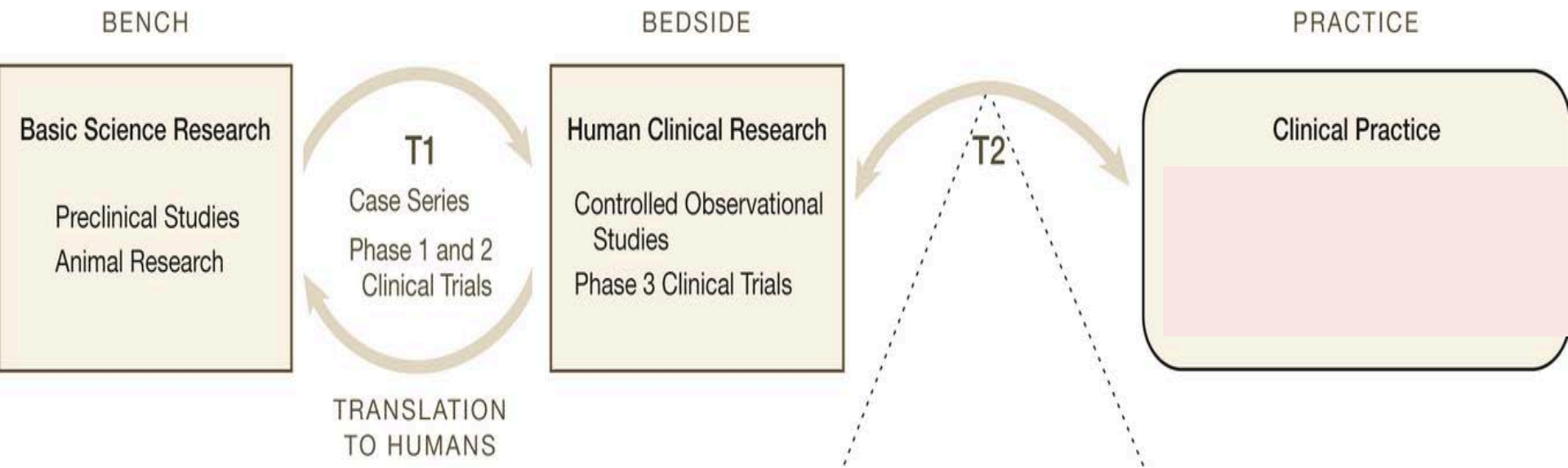
## Traditional Approach



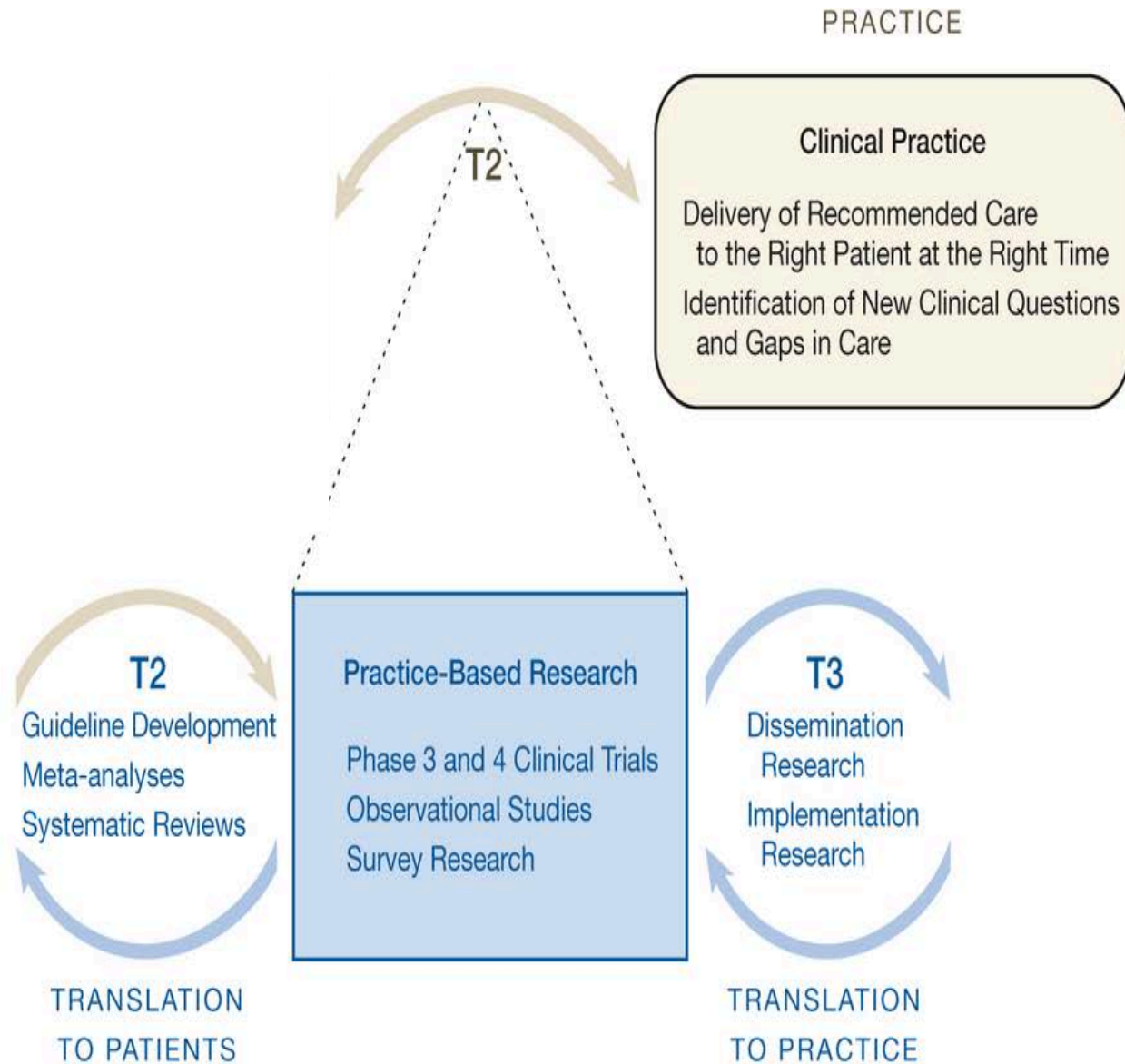
# Is there an efficacy-effectiveness gap?



The observed discrepancy between effects of a health intervention in routine clinical practice as compared with the effects demonstrated in randomised controlled clinical trials. (Adapted from Eichler et al., 2011)



Westfall, Mold & Fagnan. JAMA Jan. 24/31, 2007  
“Blue Highways on the NIH Roadmap”



Westfall, Mold & Fagnan. JAMA Jan. 24/31, 2007  
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# Importance

“If We Want More Evidence-Based Practice, We Need More Practice-Based Evidence.”

Larry Green





# Next

## Meaning and Purpose in Medicine: A Role for Practice-Based Research (PBR)

- Dr. John Beasley – Autonomy, Mastery, Purpose, Relationships & PBR
- Dr. Nicole Gastala - PBR in Community Health Centers
- Dr. Kelsey Schmidt – Finding Meaning and Purpose During Medical Training