Large Simple Trials and Knowledge Generation in a Learning Health System

An IOM Workshop

INSTITUTE OF MEDICINE
OF THE NATIONAL ACADEMIES

Advising the nation / Improving health

Motivation

- Randomized clinical trials remain our best method for evaluating new interventions
- Trials are becoming larger, more global & more expensive
- We know how to do
  - Large complex trials
  - Large simple trials
- We are learning how to use our electronic health records (EHR) for clinical research, in part through the CTSA centers
- The challenge is how to take advantage of the EHR to do large simple trials, reducing cost and increasing efficiency
- There are a number of challenges to discuss

Introduction of Large Simple Trials (LSTs)

- **Session Objectives**

  - Vision of LSTs in learning health system
  - Advantages of LSTs
  - Discuss opportunities

- **Presentations**

  - A vision for LSTs
    - Michael Lauer, MD / NHLBI
    - Director, Division of Prevention & Pop Sciences

  - Opportunities for LSTs
    - Ralph Horwitz, MD / GSK
    - Senior VP