

What we heard



Evidence Based Medicine

- AHRQ evidence levels
 - Level I: randomized controlled trial (RCT)
 - Level II-1: controlled trials without randomization
 - Level II-2: uncontrolled cohort or case-control studies
 - Level II-3: Multiple time series with or without the intervention
 - Level III: Opinions of respected authorities

Requirements for Data

- How are data characterized?
 - Delta to complete patient:
 - Intervention (drugs)
 - Outcomes (diagnoses or complex definition)
 - Confounders
- What is data quality?
 - Counts, expected counts, trends over time
 - Validation: of cases - or of tools and scripts
 - Source record verification, PPV
 - Terminologies – precision, coverage, compatibility, ability to represent desired cohorts
- How are cohorts defined?
 - Exposure, Health Outcome of Interests, SMQ, Inclusion/exclusion criteria
 - Definition: transparent, reproducible, independent from study