Hypothesis testing:

1. What are the one or two main HIT elements being tested?
   - Communication Systems
   - Electronic Health Record
   - Decision Support
   - Results Reporting/Viewing Systems
   - Electronic Prescribing (incl. Barcoding)
   - Mobile Computing
   - Data Exchange Networks/Community Health Information Network
   - Patient Decision Support/Consumer Health Informatics

2. Which IOM categories does the HIT address?
   - Health information and data storage
   - Results management
   - Order entry management
   - Decision support
   - Electronic communication and connectivity
   - Patient support
   - Administrative processes
   - Reporting and population health management
   - N/A, N/R

3. What are the types of healthcare organization settings?
   - Hospital/Inpatient
   - Outpatient/ambulatory
   - Integrated delivery Network (IDN)
   - Emergency room
   - Nursing home
   - Patient home
   - Pediatrics
   - Pharmacy
   - Internet
   - Other setting (specify: ________________________):
   - N/A, N/R

4. What is the article’s purpose? [Circle one]
   - Descriptive
     - 1. Qualitative
     - 2. Quantitative
     - 3. Other descriptive
   - Hypothesis testing:
     - With intervention, with concurrent comparison group:
       - RCT
       - CCT
       - Cntrl. Before/After
     - With intervention, without concurrent comparison group:
       - Pre-Post
       - Time series
       - Historical control
     - No intervention
     - 10. Cross-sectional
     - 19. Case study with concurrent control
   - Other hypothesis testing:
     - 11. Other hypothesis testing
   - Predictive analysis
     - 13. Cost-benefit
     - 14. Other pred.analysis
   - Review
     - 15. Non-systematic
     - 16. Systematic/MA
   - Other Purpose
     - 18. Other (specify: ________________)

5. Does this article report data from any of the following systems?
   - Intermountain
   - Partners
   - Regenstrief
   - VA
   - UK’s NHS
   - Kaiser
   - Vanderbilt University
   - N/A, N/R

6. Which outcomes are measured (numerically reported) in the article?
   - Impact on patient safety
   - Impact on patient satisfaction
   - Impact on health care effectiveness and quality
   - Impact on efficiency, utilization, and costs
   - Time: Admin
   - Other (specify: ________________________):
   - N/A, N/R

7. Are barriers or facilitators the main focus of the paper, and/or are numerical results given? [Circle one]
   - Yes
   - No
   - N/A, N/R

8. What years did the research take place? (Enter 4-digit years. N/A, N/R: enter 9999)
   - Year began
   - Year ended
   - Notes:
     - Check here if this article should be a Star Article Candidate

Reviewers: Assigned on:

Appendix C
Health Information Technology
Round Two Screener

Check all that apply on each question. To change pre-screener data from “checked” to “unchecked” please write “uncheck” next to the appropriate box.