



AHRQ Update

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Projects & Announcements

- EPC: methods, and evidence reports
- BRCA clinical decision support tool
- Warfarin and gene-based dosing calculator - RCT
- Genomics and primary care workshop
- Comparative effectiveness grant funding opportunities



EPC: Methods Project

- Evaluation frameworks & analytic validity of gene-based testing
 1. Evaluation frameworks
 2. Approaches to search for analytic validity evidence
 3. Quality rating criteria for analytic validity studies
 4. Approaches to filling gaps in the evidence on analytic validity



Preliminary Conclusions

- Several evaluation frameworks: Fryback-Thornbury, USPSTF, ACCE, and EGAPP
- Each framework has advantages and drawbacks
- Needs of users vary: patients, providers, payers, regulators, test developers.
- Single framework likely won't be useful; small set based on clinical scenarios
- EGAPP with enhancements may be a useful approach



Analytic Validity

- Little published data; often in “gray” literature
- Federal websites: FDA, CDC, NIH; lab accreditation organizations (CAP)
- Several quality rating tools: QUADAS, STARD, REMARK, QUADOMICS, USPSTF, AHRQ (none specific to analytic validity)
- EGAPP approach for quality rating is a good foundation for a new tool
- Developing a quality checklist



BRCA - CDS Tool

- Assist in implementing USPSTF recommendations
- Web-based and primary care focused
- Patient and provider interface
- Family history-based risk assessment tool
- Ascertain risk and suggest next steps
- Three phases: literature review and expert input; usability testing; evaluation in clinical practice



EPC reports

- Family history and improving health – NIH SOS conference
- Clinical utility of family history in cancer – CDC
- Factor V Leiden and Prothrombin testing/thrombembolism– EGAPP/CDC



Genomic & Primary Care Workshop

- Diverse, small group of participants
- White paper
- Goals: clarify primary care approach to gene-based tests and suggest next steps



Warfarin and Gene-based Dosing Calculator

- RCT of about 200 patients
- Compare (clinical factor)-based to (gene + clinical factor)-based dosing calculator
- Evaluate impact on surrogate outcomes
- Recently completed



CER FOAs

- CHOICE, iADAPT and EDM forum: recently closed
- PROSPECT, scalable DRN and enhanced registry: still open