



Effective Health Care

Technology to Measure Patient Compliance Nomination Summary Document

Results of Topic Selection Process & Next Steps

- Technology to measure patient compliance does not fit within the domain of the Effective Health Care (EHC) Program because the intervention is not clearly defined. No further activity will be undertaken on this topic.

Topic Description

Nominators: 2 organizations

Nomination Summary: Both nominations address the use of technology to measure patient compliance with treatment regimens. One nominator discusses compliance verification for medical devices including head gear, neck splints, external compression devices, and medication. In addition, this nominator states that compliance is unknown for medical devices including head gear, neck splints, external compression devices, and medication. In addition, this nominator states that the ability to accurately measure treatment would improve medical research so that treatments could be refined based on compliance data and that this technology could also protect patients from over- or under-medicating. The second nominator states that all effectiveness tests need to include compliance verification in order to ensure the validity of the test, and all comparisons should include hard objective data on compliance. This nominator states that promotion and measurement of compliance could be performed using a verification device that would auto alert physicians when compliance is not being observed.

Key Questions from Nominator: None

Considerations

- The topic does not meet EHC Program appropriateness criteria. (For more information, see [http://effectivehealthcare.ahrq.gov/index.cfm/submit-a-suggestion-for-research/how-are-research-topics-chosen/.](http://effectivehealthcare.ahrq.gov/index.cfm/submit-a-suggestion-for-research/how-are-research-topics-chosen/))