



HealthPolCom Case Study

E-Health Technology: Assessment and Recommendations

Situation: A non-profit think tank was launching an initiative for evaluating promising new technologies and making recommendations about how the technologies could be adopted to provide the most value for the healthcare system.

Actions: Evaluated new e-health technologies for monitoring and enhancing the management of intensive care unit patients. (The technology promised to improve the quality of care, but cost several million dollars per installation.)

Presented analysis of the technology to the project's Steering Committee and secured its approval for a full evaluation of this technology.

Created structured research guide, interviewed users of the technology, other experts, and interested payers, and obtained their quantitative data, qualitative experiences, and perspectives.

Organized and moderated expert working group discussion to gather the group's consensus about how best to measure the value of the technology in actual practice, which clinical and economic measures would be important to various stakeholders, and what magnitude of changes in these measures would be significant.

Analyzed patent disputes and their potential for limiting the development of competing versions of the technology, which could influence future development and adoption of the technology.

Wrote draft report analyzing quantitative and qualitative information about the technology, including what factors were crucial to consider in evaluating its potential value to healthcare delivery systems and payers, and how the technology could be most effectively adopted.

Outcome: The draft report presented recommendations for adopting the e-health technology to provide the greatest value for healthcare delivery systems and payers, and demonstrated the think tank's methodology for evaluating new technologies. ([Tele-ICUs: Interim Findings about Remote Monitoring and Management of Patients in Intensive Care Units](#))