Health IT Advisory Committee Artificial Intelligence Hearing: Putting FAVES into Practice

Ashley Beecy, MD, FACC | April 11, 2024

Medical Director, Artificial Intelligence Operations at NewYork-Presbyterian Assistant Professor of Medicine, Division of Cardiology at Weill Cornell Medicine

Establishing a multi-disciplinary Al governance group.

Al Working Group

Group established to ensure safe and effective implementation of artificial intelligence solutions.

Oversight & Advisory

Al Operational Oversight

Provide direction for workstreams and ensure final Al standards are met.

Informatics Leadership

Ensure alignment across informatics teams to ensure proper workflow and adoption.

Implementation Advisory

Ensure alignment across teams required to operationalize models within existing information systems.

Requirements & Approvals

Regulatory / Legal

Ensure that solutions meet regulatory / legal requirements.

Technical Evaluation

Ensure that solutions meet design, evaluation and surveillance standards.

Health Equity

Ensure that solutions meet health equity standards

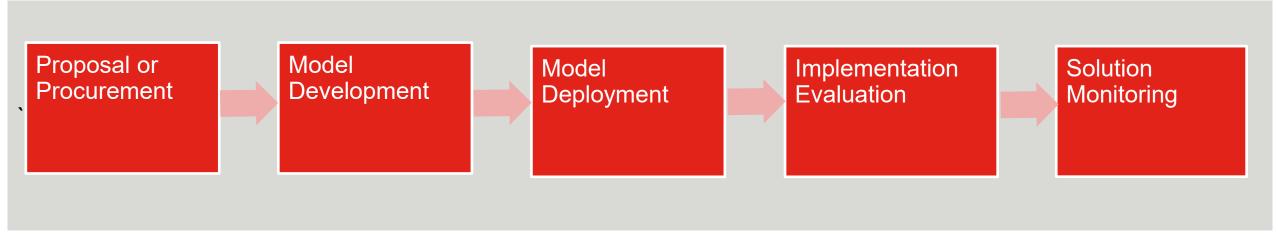
InfoSec / Privacy

Ensure that solutions meet information security and privacy standards.

Program Ops

Ensure that solutions have organizational approvals and valuation if indicated.

Creating an AI implementation process that covers the entire AI lifecycle.



Intervention risk management practices at each stage 1:

Risk Analysis

Risk Mitigation

Governance

¹ https://www.federalregister.gov/documents/2024/01/09/2023-28857/health-data-technology-and-interoperability-certification-program-updates-algorithm-transparency-and#p-588

Key Takeaways

• Al oversight requires multi-disciplinary expertise and collaboration with existing governance structures.

• Al solutions should be evaluated throughout the Al lifecycle to ensure solutions are fair, appropriate, valid, effective, safe (FAVES).

