5 Rights of AI in Healthcare

Artificial Intelligence in healthcare must apply a systematic and standardized approach to ensure its application is optimal, safe, effective, and compassionate.

1 RIGHT OBJECTIVE

Problem & Population: A clear understanding of the problem to solve informs the design of appropriate workflows, key metrics, outcomes, and aids in validation to evaluate responses for biases.

2 RIGHT APPROACH

Workflow & Technology: The right solution and perspective are key success factors. It is essential to have a testing phase, to fine tune and optimize the logic and performance.

3 RIGHT COMPETENCY

Clinical & Intelligent: A well-trained project team can effectively recognize and mitigate biases in both data and algorithms. Knowledgeable clinical leaders are crucial for informed decision-making and successful integration for meaningful healthcare application.

4 RIGHT DATA

Reasonable Logic: Validating the accuracy of the data source, dataset, and algorithms is critical. This ensures that the AI system operates with reliable and trustworthy information.

5 RIGHT SAFEGUARDS

Checks and Balances: Ensuring compliance with regulatory requirements is key to guaranteeing transparency, data integrity, privacy, and security. Clinicians help ensure responsible and ethical use of this technology.

HIMSS