Enabling AI for Health Innovation and Access – Challenges and Solutions

Regulatory Challenges

International standards missing / alignment of legal frameworks

Regulatory tools often address technical risks not normative / social concerns

Ethical and Equity-based Challenges

Transparency: explainability vs. performance

Accountability: human vs. AI responsibility

Problem of justice and fairness within AI systems

Algorithmic bias / underrepresentation of parts of population

Regulatory Landscape

Interoperability and Standardization

Quality Assurance and Validation of Data

Data Privacy and Data Security

Regulatory Issues, Challenges and Solutions

Bias Mitigation and Non-Discrimination

Oversight, Risk Mitigation and Approvals

Ethical Considerations

Field of Actions

Accountabiliy and Liability

Regulatory Compliance

Innovation Policy and Protection

International Regulation and Global Standardization