

Accelerating the implementation of Responsible Al in Healthcare

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We need Innovation. Fast.





But implementation is slow





Berkhout et al (2025). Operationalization of artificial intelligence applications in the Intensive Care Unit: A systematic review. *JAMA Network Open*

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Due to frequent Al-workflow mismatches





Zicari et al (2021). On assessing trustworthy AI in healthcare. Machine learning as a supportive tool to recognize cardiac arrest in emergency calls. *Frontiers in Human Dynamics*, *3*, 673104. ⁴



Artificial Intelligence Act

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(+2a)-(3a+3g+x)

k+2a+21

And no studies on Ethics in practice

UDelft



a systematic review on the use of ethical principles in the development and deployment of artificial intelligence

What we need: Responsible AI by design





Through Collaborations





Through collaborations





Convergence Centre for Responsible Al in Health Care



WHO Collaborating Centre on AI for health governance, including ethics



For more actionable AI systems





Zhang et al (2024). Rethinking Human-Al Collaboration in Complex Medical Decision Making: A Case Study in Sepsis Diagnosis. *CHI '24*, p. 1–18

Based on Shared Data





Validated by Common Standards



