

Responsible AI in healthcare and life sciences

AI is transforming the health and life sciences sector, from supporting diagnostic decision-making to streamlining operational workflows.

[Read our full article](#) to learn more about the key standards, frameworks and considerations shaping AI governance in the sector.

Industry guidance and standards at a glance

 Regulator/peak body	 Instrument	 Date	 Summary	 Who does it apply to?
Australian Health Practitioner Regulation Agency	Guidance – Meeting your professional obligations when using AI in healthcare	Last updated 22 August 2024	Regulatory guidance clarifying how existing professional obligations in the National Boards' codes of conduct apply when practitioners use AI in their practice.	All registered health practitioners across all 16 nationally regulated health professions in Australia.
Therapeutic Goods Administration	Guidance – Artificial intelligence (AI) and medical device software regulation	Last updated 5 February 2026	Regulatory guidance explaining when and how AI-enabled software falls within the existing medical device regulatory framework under the <i>Therapeutic Goods Act 1989</i> (Cth).	Suppliers of AI-enabled software products that may meet the definition of a medical device.
Medical Technology Association of Australia and Medical Software Industry Association	Industry Code – Artificial Intelligence Governance Code	1 December 2025	A voluntary, self-regulatory instrument that sets minimum quality standards for organisational governance of AI systems used in the healthcare context.	MTAA and MSIA member organisations that supply AI systems for use in the healthcare context.
Australian Commission on Safety and Quality in Healthcare	Guidance – AI Clinical Use Guide	August 2025	A practical guidance to support clinicians in using AI tools safely and responsibly in patient care.	Clinicians using AI tools in clinical practice.
Royal Australian College of General Practitioners	Guidance – Conversational artificial intelligence (AI)	Last updated 16 September 2025	An advisory resource designed to help general practitioners assess the potential advantages and disadvantages of using conversational AI in their practices.	General practitioners.