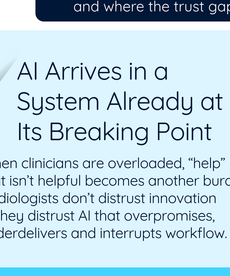
5 REASONS WHY RADIOLOGY AI /// HAS A TRUST PROBLEM ///

The Reality Radiologists Work In

The job of a radiologist, on paper, is straightforward. The lived reality is not. Today's radiologist works under the strain of:



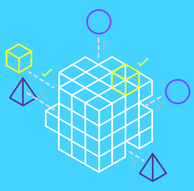
- Hundreds of unread scans[1]
- Constant interruptions[2]
- Missing or inaccurate clinical histories[3]
- Heavy medicolegal pressure[4]
- Incidental findings & follow-up loops[5]
- Speech recognition errors[6]

This is the lens through which every AI claim is judged, and where the trust gap in Radiology AI begins.

1 AI Arrives in a System Already at Its Breaking Point

When clinicians are overloaded, "help" that isn't helpful becomes another burden. Radiologists don't distrust innovation — they distrust AI that overpromises, underdelivers and interrupts workflow.

Radiology burnout rates are estimated between 37.4% - 46%[7]



2 Data Challenges Have Eroded Confidence

Radiologists know data can be biased or inconsistent. So every accuracy claim prompts the real question: "Will this work here?" That skepticism is not resistance — it's responsibility.

3 The "Black Box" Problem

Radiologists must make defensible, explainable decisions. Any tool that can't explain why it made a suggestion is fundamentally misaligned with clinical accountability.

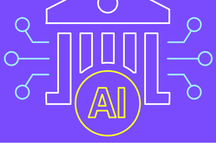
56% of physicians said model transparency was the most important trust factor for AI[8]

4 Mistakes Erode Trust Faster Than Success Builds It

AI can be right 1,000 times, but one high-stakes error resets trust to zero. Plus, overreliance on AI can be just as dangerous as inaccuracy.

5 Governance Gaps Amplify Distrust

Even great AI will fail without a clear strategy, defined roles and consistent oversight. A lack of governance leads to confusion, additional risk and end-user skepticism.



80% of health systems have no or limited governance process in place for AI use despite most having a pilot in the works[9]

How Healthcare Leaders Can Build Trust in Radiology AI

Radiology's trust problem isn't immovable. Trust grows when AI is assessed, validated, implemented and monitored through a disciplined, transparent framework.

Explore the five-step governance model to start closing radiology's trust gap.

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