

# Can AI Teach Judgment in Medicine?

The real test isn't data accuracy—it's clinical wisdom.

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## THE DATA

# 96%

### Student Retention Rate

In a groundbreaking study, a medical education program achieved near-perfect retention by prioritizing mentorship over data-driven instruction.

This 96% retention rate from the University of Pennsylvania's Penn Nursing program is not a function of AI-generated content, but of structured, human-guided learning. The study demonstrates that when AI supports, rather than replaces, mentorship, learners remain engaged and retain deeper clinical judgment. The system doesn't just deliver information—it simulates the cognitive scaffolding of expert physicians.

Source: [link.springer.com](https://link.springer.com)

[https://link.springer.com/article/10.1007/s44217-026-01110-y?error=cookies\\_not\\_supported&code=e91693df-8007-4c08-9511-83b8e0aaf62b](https://link.springer.com/article/10.1007/s44217-026-01110-y?error=cookies_not_supported&code=e91693df-8007-4c08-9511-83b8e0aaf62b)



# 01

## AI as a Mentor, Not a Textbook

The most effective AI in healthcare education doesn't predict outcomes—it models the decision-making process behind them. By embedding clinical reasoning into AI tutoring systems, learners internalize not just 'what' to do, but 'why'—a skill no dataset alone can teach. This shift from data delivery to judgment simulation is the next frontier in medical training.

# 02

## Judgment Isn't Learned—It's Emerged

The 96% retention rate is not a sign of better content, but of better context. When learners are guided through real-world clinical dilemmas with AI-mediated mentorship, they develop cognitive resilience. This suggests that the future of AI in healthcare isn't in replacing doctors—but in replicating the mentorship that shapes them.



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