

AI Missed This. Humans Found It.

A hidden heart structure discovered through observation—no algorithm needed.

Swipe for insights →

one-third

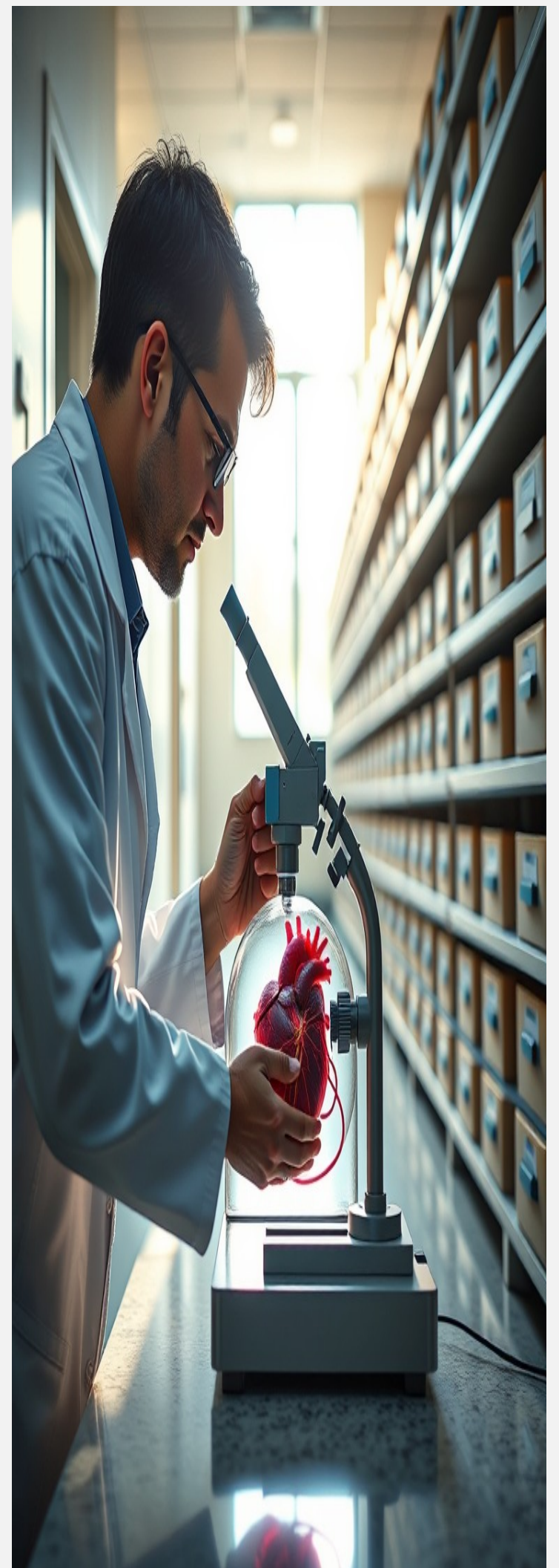
Adult hearts with LASP

The left atrial septal pouch (LASP) appears in approximately one-third of adult hearts, yet remained unrecognized until the 21st century.

This anatomical variant, described in 2010 after years of examining preserved hearts, challenges the assumption that the human heart is fully mapped. Despite decades of imaging and data collection, a structure present in 33% of hearts was invisible to medical science until intentional observation revealed it. The discovery underscores that anatomical knowledge is not static—even in the most studied organs.

Source: STAT News • Published September 28, 2026

https://www.statnews.com/2026/09/28/heart-structure-left-atrial-septal-pouch-lasp-anatomy-discovery/?utm_campaign=rss



01

Observation > Algorithms

The discovery of the LASP required no AI, genomics, or billion-dollar tech—just preserved specimens and deliberate attention. It proves that the human eye, trained in curiosity, can still outperform machine pattern recognition when the question is not about data volume but about what we assume we already know. In healthcare, where AI is often seen as the primary engine of innovation, this reminds us that true insight often begins with unlearning what we think we understand.





02

AI Can't Question Assumptions

AI systems are trained on existing data and models, which means they cannot challenge the assumptions embedded in the data itself. The LASP was invisible not because it was rare, but because it was assumed to be absent. This is a critical blind spot in AI-driven medicine: it can detect anomalies in known patterns but cannot question the completeness of the map. The future of AI in healthcare may not be in smarter models, but in designing systems that can simulate human curiosity and doubt.

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george@alex.realestate · +1 713.918.9951



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