

Hello folks,

NOTABLE DEVELOPMENTS

OpenAI reported that its reasoning model helped physicians diagnose rare pediatric genetic diseases, producing **18 new diagnoses** in cases that had previously remained unsolved. That matters because rare-disease diagnosis is one of the clearest high-value uses of clinical reasoning systems: long diagnostic odysseys are common, and even modest gains can materially change care. The key implication is that evaluation is moving beyond medical QA benchmarks toward real-world case resolution, though I would want to see prospective studies, workflow integration details, and error analysis next. [OpenAI News](#)

ALSO WORTH NOTING

- **IEEE Spectrum** -- A reported study on **acoustic neuromorphic chips** suggests sound-wave-based devices could better emulate biological neurons while improving speed and energy efficiency, which is worth watching for low-power edge AI, robotics, and scientific instrumentation if the hardware scales. [link](#)
- **Subquadratic** -- The startup is claiming progress on a long-standing **LLM bottleneck**, with MIT Technology Review noting that it has begun sharing more technical evidence after an initially thin announcement; potentially important if it changes scaling or inference economics, but still high uncertainty from the snippet alone. [link](#)
- **OpenAI -- GPT-5.5 Instant** is being positioned as an upgrade for **health intelligence in ChatGPT**, with stronger reasoning, better context handling, and physician-informed evaluations for health and wellness responses. [link](#)
- **Hugging Face** -- A new post explores alternatives **beyond LoRA** for parameter-efficient fine-tuning, a useful signal for teams optimizing adaptation methods across open models and domain-specific workflows. [link](#)

That's my cut for the past 48 hours.

P.S. 15 RSS feeds | last 48h | 31 entries fetched, 6 scored ≥ 5