



MONDAYS WITH DR MARK & DR MICHAEL

Monday, April 6, 2026 | 1:00 – 2:00PM

TOPIC #62

Dr. AI Will See You Now....Maybe

Featured Speaker:



Annabel Bentley MBBS FRCS
Group Chief Medical Officer
Medica

AI in Medicine

Speaker:

Annabel Bentley MBBS FRCS
Group Chief Medical Officer, Medica

Commissioned by:

Mark Cunningham-Hill MB ChB (MD) FFOM FCOEM
Medical Director, Northeast Business Group on Health

Unwarranted variations

Bupa accuses surgeons of performing unnecessary knee operations



**The
Guardian**

Speaking to the Guardian, Bentley claimed: "We found the rate of knee arthroscopy in our members is more than double the rate in NHS patients [and that] some surgeons are three times more likely than others to perform a knee arthroscopy on our members."

While some variation may be due to clinical reasons, these big differences in treatment rates are unexplained, she added.

Doctor + patient = appendicectomy



Doctor + patient + CT scan = may avoid appendicectomy



Corridor care is “endemic” **The Guardian**
NHS adverts for “corridor care nurses”



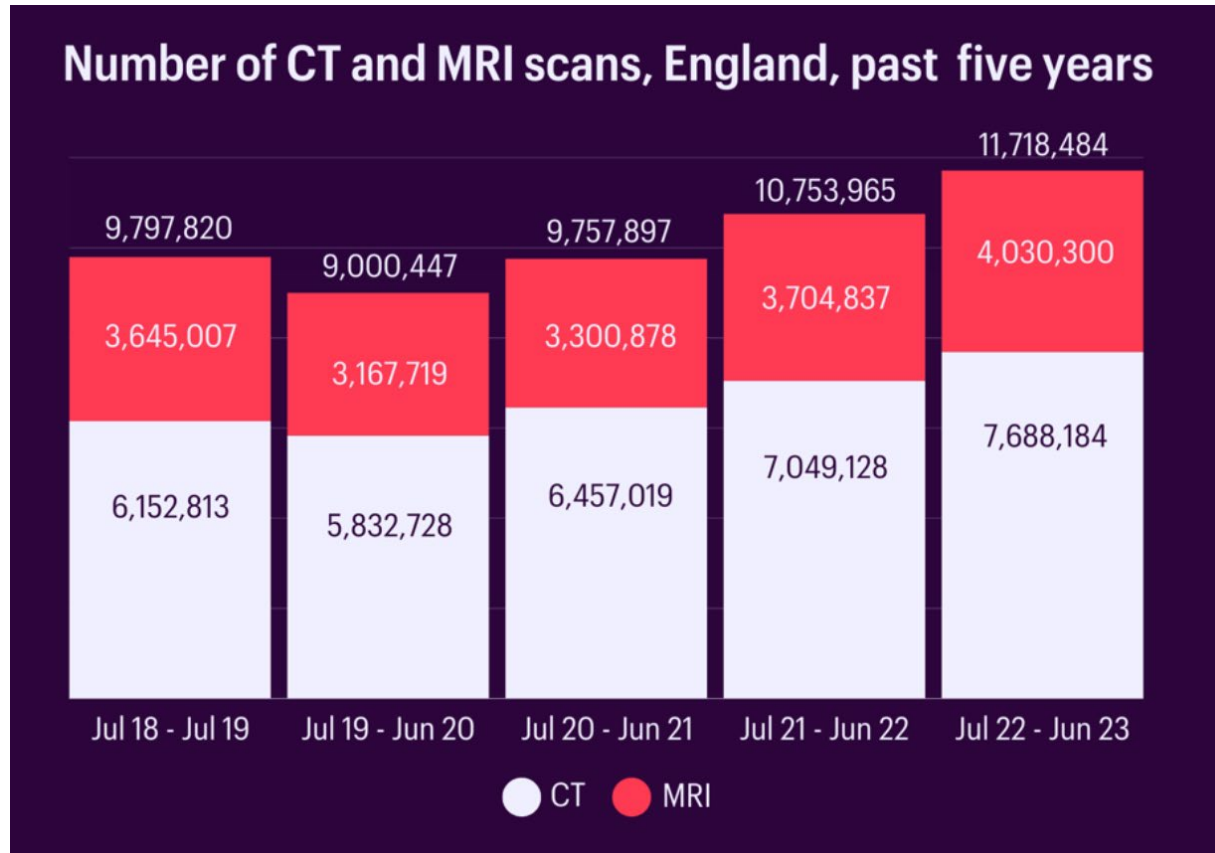
Problem: rising demand, workforce shortages

5%

Year on year increase in demand for CT/MRI

3%

Radiologist workforce growth in 2022



The problem is getting worse, not better

5%

Year on year increase
in demand for CT/MRI

7%

Year on year increase
in demand for CT/MRI

3%

Radiologist workforce
growth in 2022

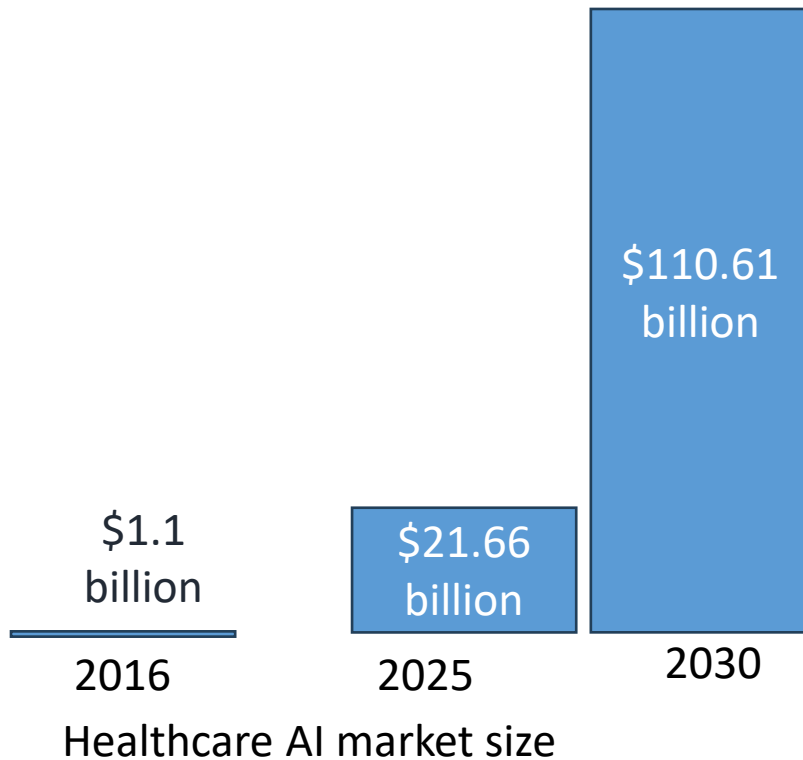
2%

Radiologist workforce
growth forecast to 2029

29% 39%

Radiologist forecast shortfalls
2024 ... 2029

Is healthcare AI the solution?



38%

AI adoption accelerating fast
physicians use of AI 2023... 2026

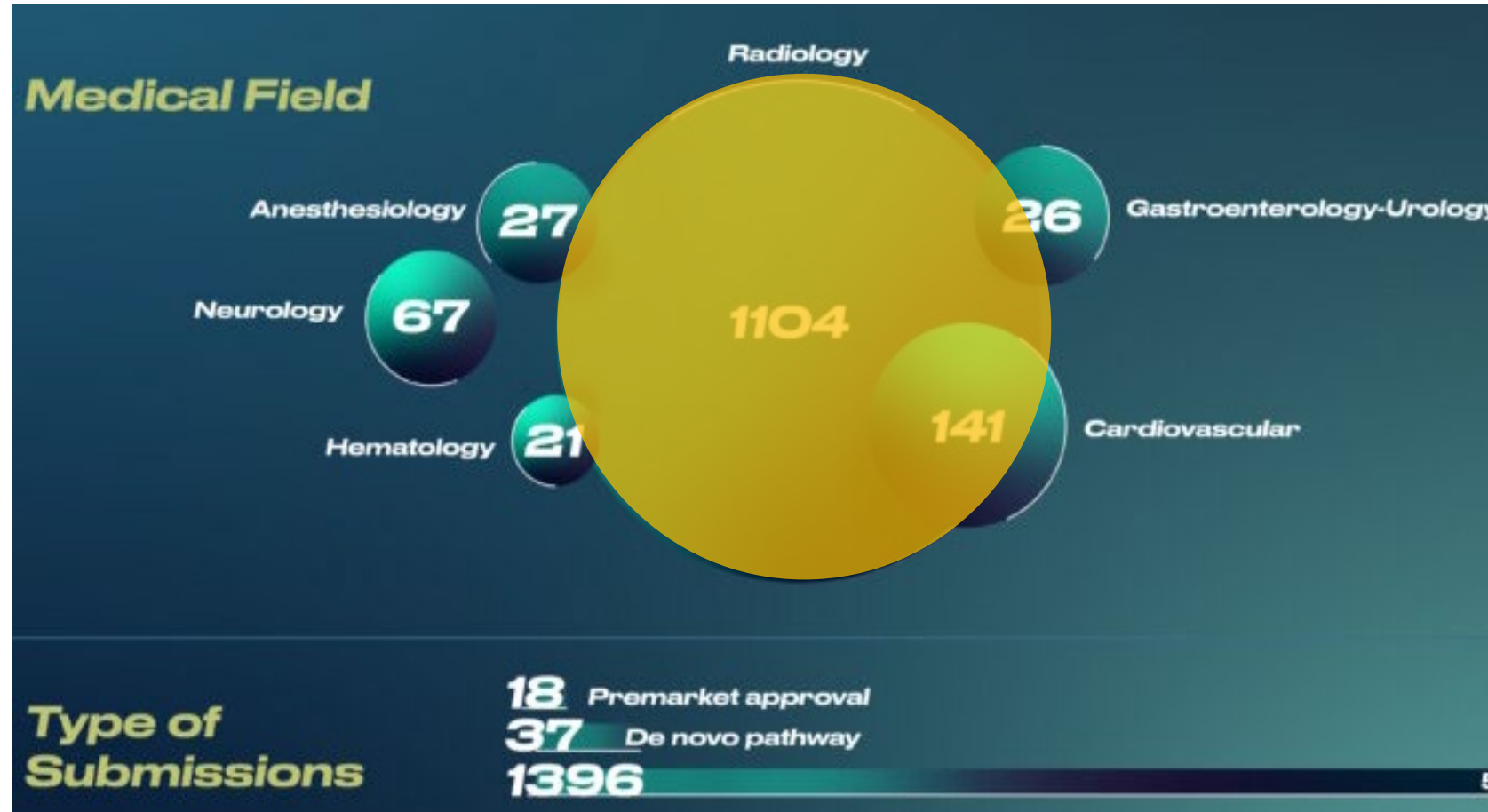
66%

10m

Global shortage of healthcare workers by 2030
92% of healthcare leaders say automation is
critical for addressing staffing gaps.

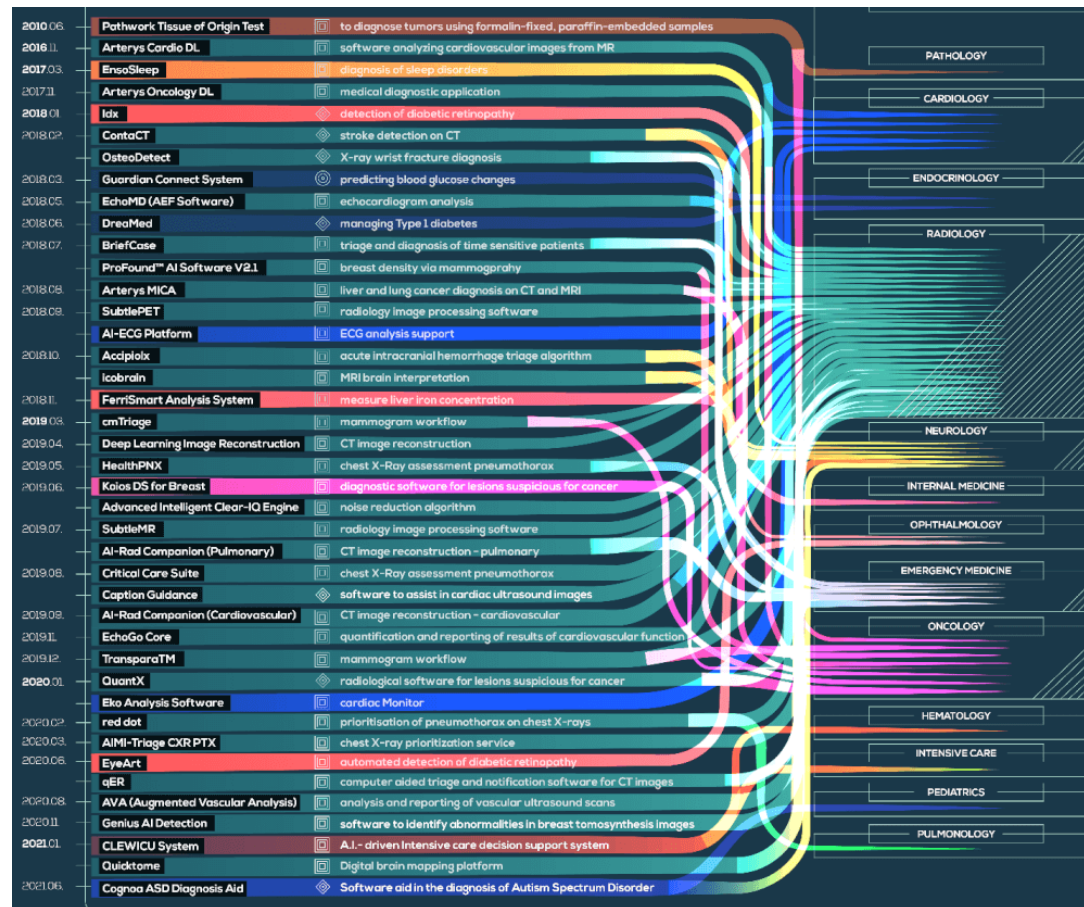
92%

FDA AI medical devices – 79% radiology

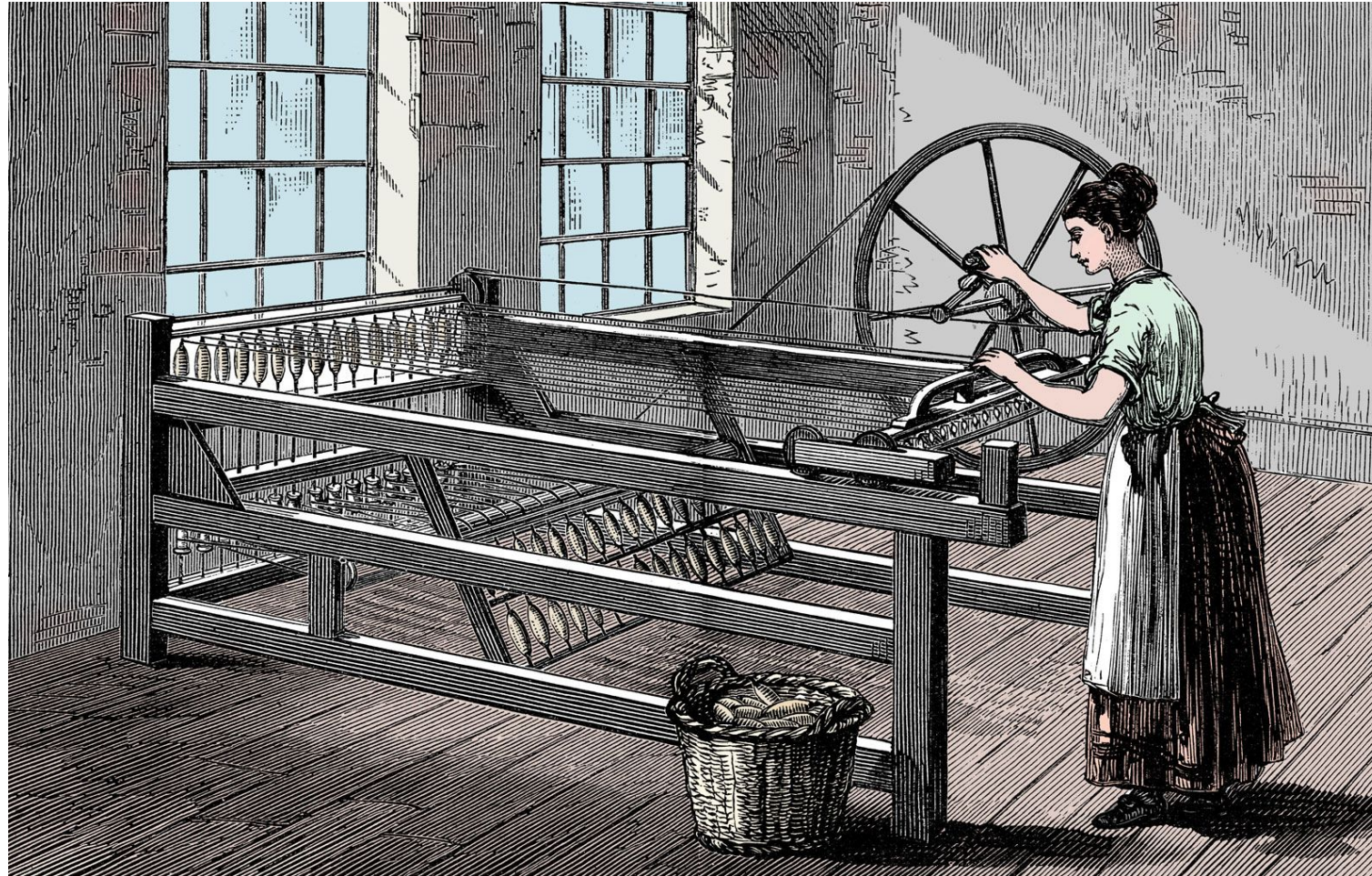


QureAI: brain bleeds – queue prioritisation

RB Fracture: # detection – reduce rework/complaints



Disruptive change



AI will replace radiologists – part 1

Professor Geoffrey Hinton



AI will replace radiologists – part 2

Michael Katz MD, CEO of America's largest hospital system






Source: Radiology Business 31 March 2026




<http://www.radiologybusiness.com/topics/artificial-intelligence/ceo-americas-largest-public-hospital-system-says-hes-ready-replace-radiologists-ai>

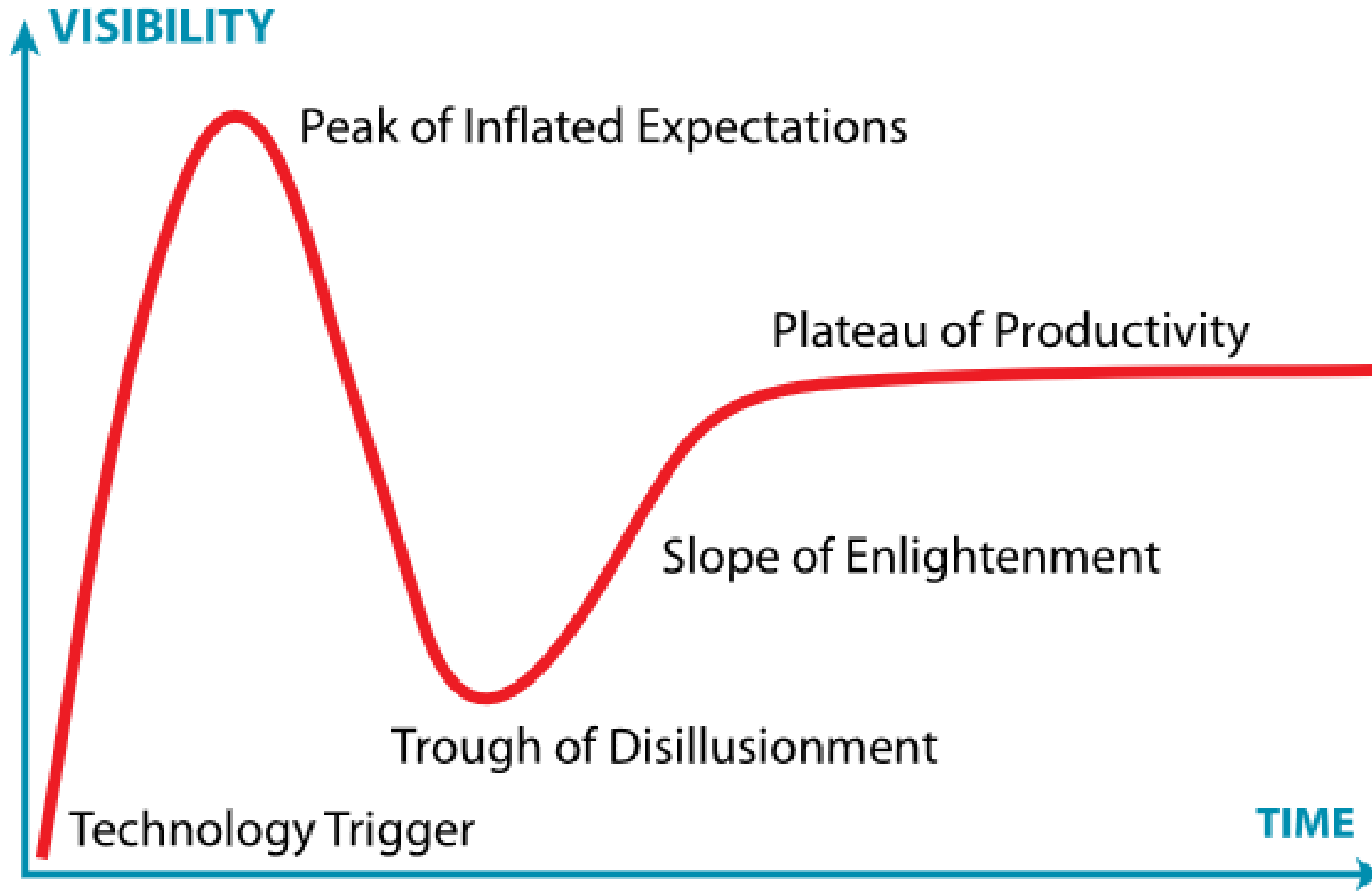
The problem remains the same:
supply-induced demand

Before AI:

-  Each scan took hours
-  Reports took days
-  Only critical cases were imaged

After AI:

-  Turnaround in minutes
-  Imaging became frictionless
-  Hospitals started scanning “just to be safe.”



Unwarranted variations

Thank you!

We know that medical AI can transform diagnostics.
The challenge isn't the technology – it's everything around it.
We've been quietly getting on with that at Medica; building the governance,
workflows and clinical rigour that makes AI work on the frontline.

Contact me annabel.bentley@medica.co.uk for how Medica can help
www.linkedin.com/in/annabelbentley

Upcoming NEBGH events:

- **April 14** – Up & Comers In-Person Event: Innovations in Open Enrollment
- **May 4** – Mondays with Dr. Mark & Dr. Michael – “Alcohol: How Much Is Too Much?”
- **June 1** – Mondays with Dr. Mark & Dr. Michael
- **June 18** – 15th Annual Conference: Powering Progress to Drive Change

SAVE THE DATE

- **July 16** – **Red, White and Rooftop**: A Summer Rooftop Social by NEBGH
- **September 24** – 2026 Pharmacy Benefits Conference



Remember to rate this webinar!

