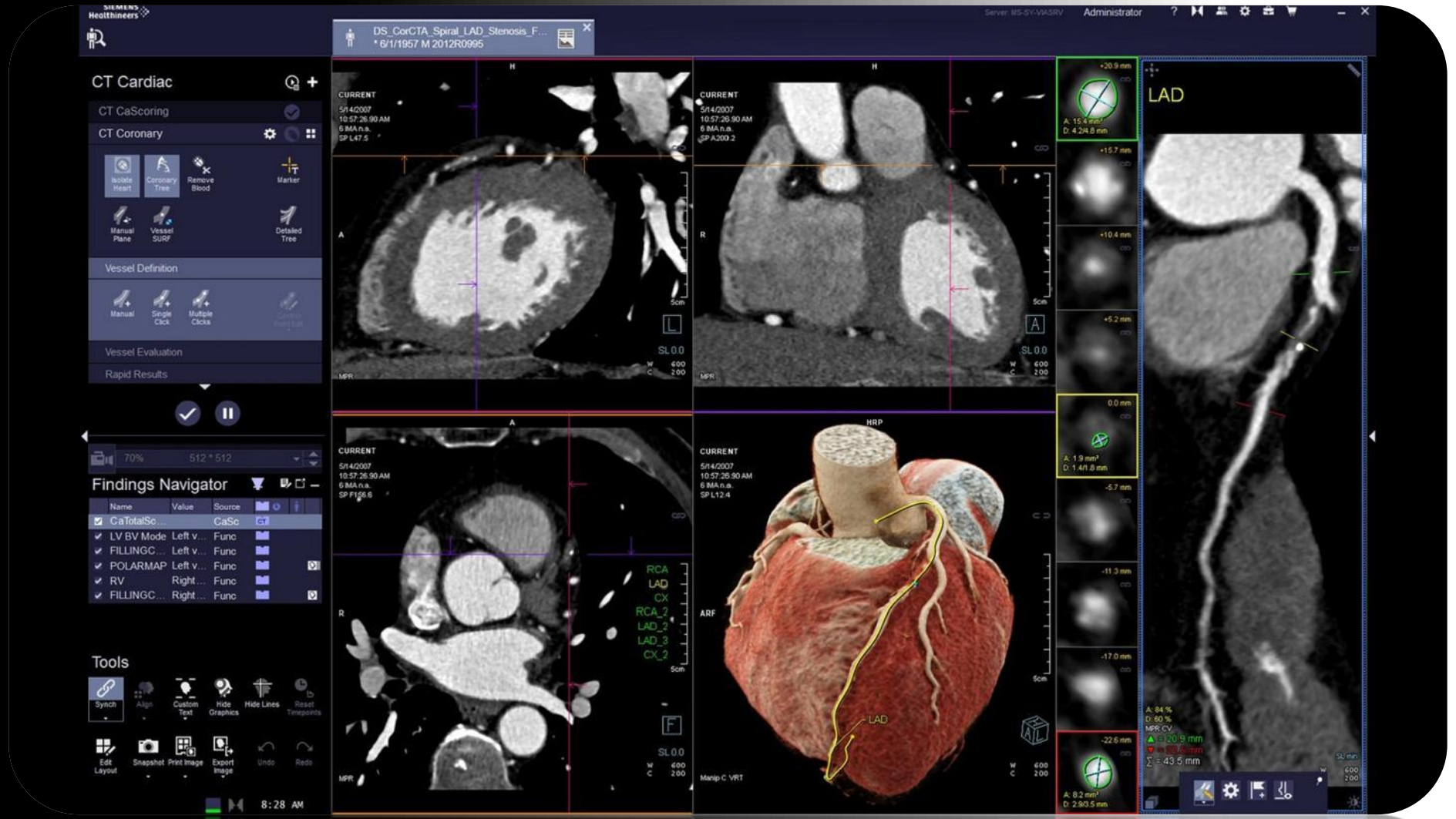
Hoe wordt AI al ingezet binnen de Medische beeldvorming?

- Modaliteiten zoals CT, MRI, Bucky, Radiotherapie etc.
- Workflow optimalisatie
- Postprocessing beelden
- Business Intelligence


CT Cardiac
CT CaScoring
CT Coronary
Vessel Definition
Vessel Evaluation
Rapid Results
Findings Navigator
Tools
DS_CorCTA_Spiral_LAD_Stenosis_F...
* 6/1/1957 M 2012R0995
Administrator
LAD
RCA
LAD
CX
RCA_2
LAD_2
LAD_3
CX_2
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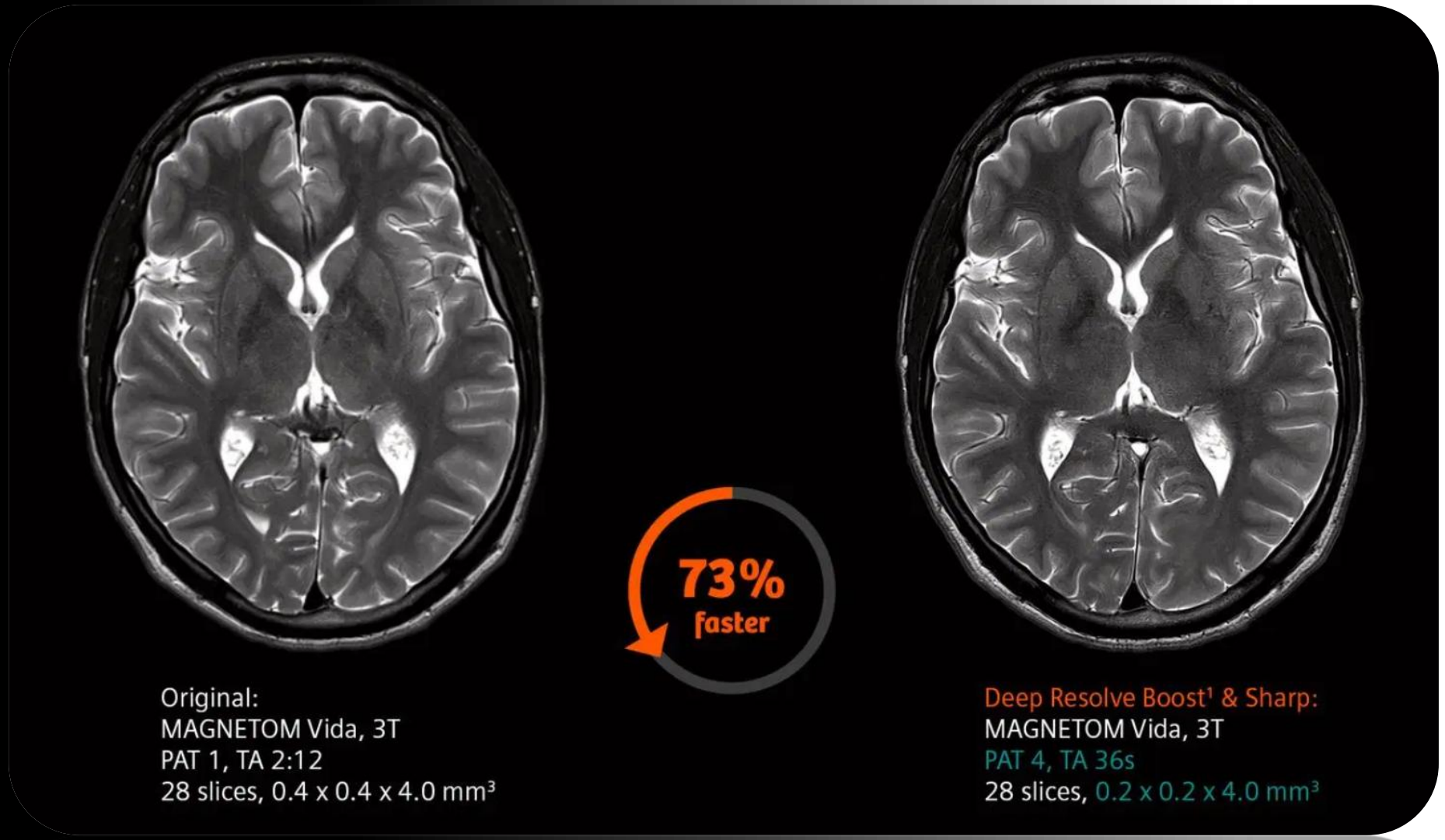

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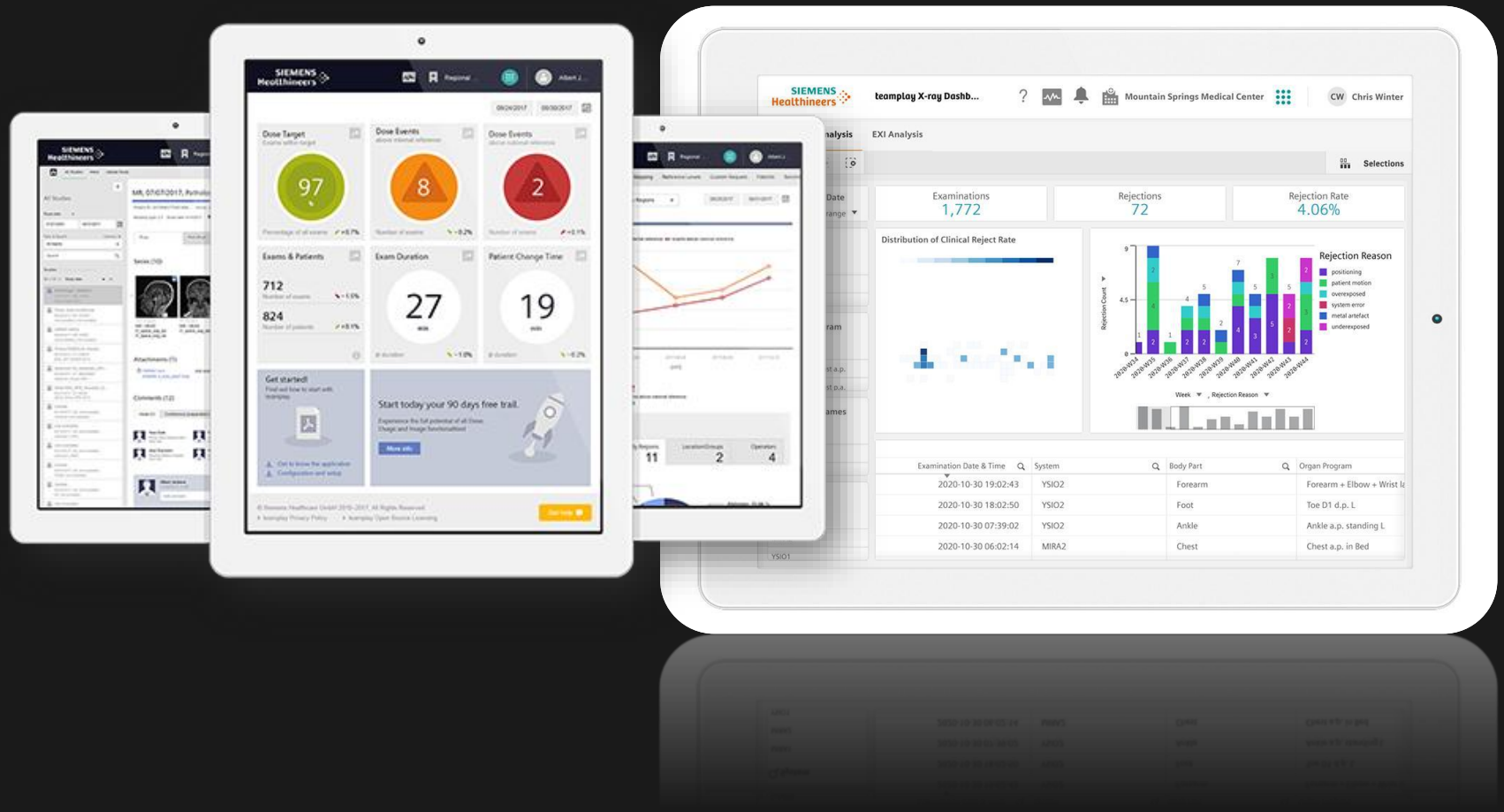
teamplay

performance management applications

Teamplay insights tackle sophisticated challenges with deep data insights and interactive data visualisations boards

Teamplay Dose Get easy to use tools to monitor, report and benchmark radiation dose values for your entire imaging fleet

teamplay Usage Analyze your imaging fleet utilization and understand how you can increase your productivity

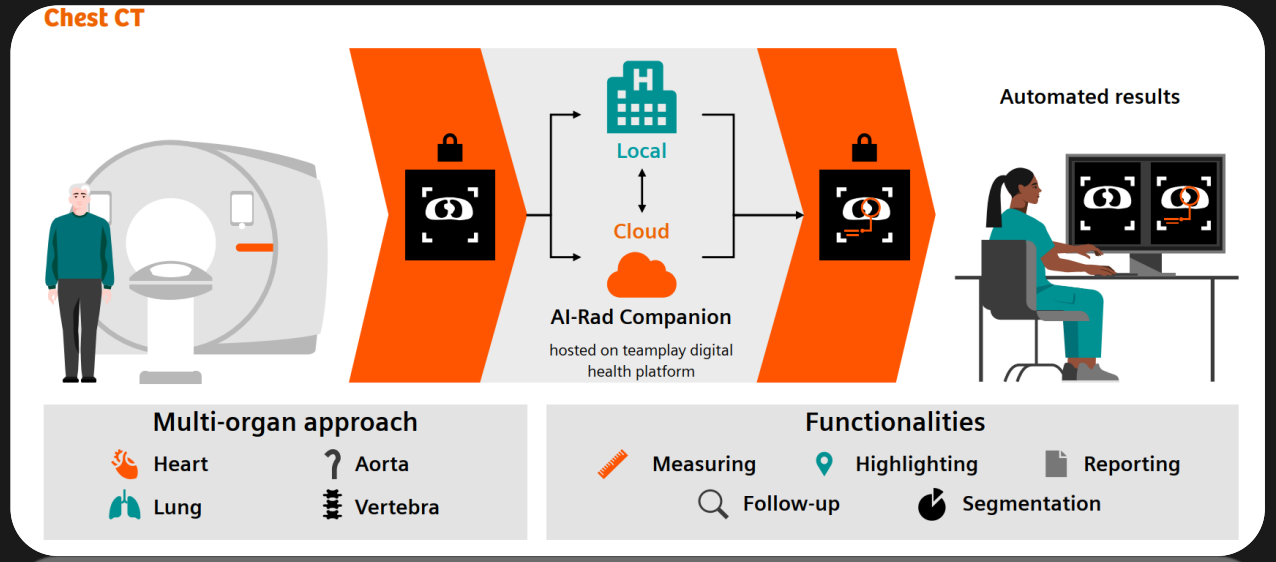


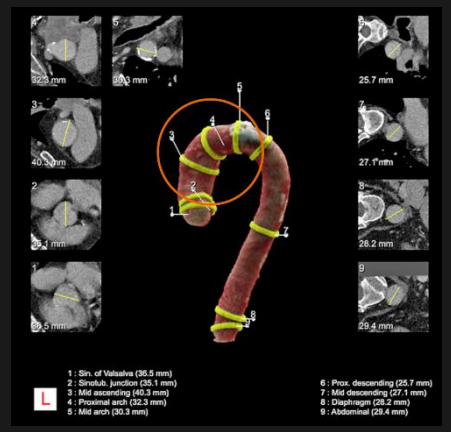
AI-Rad Companion

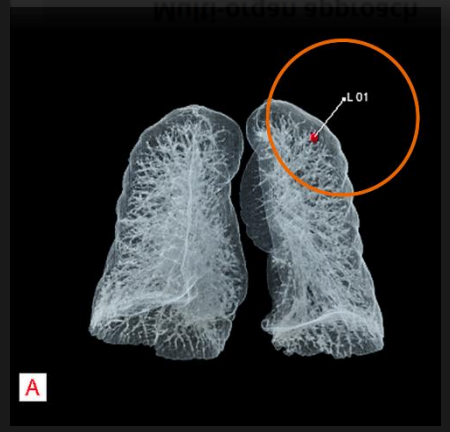
Radiology Decision support systems

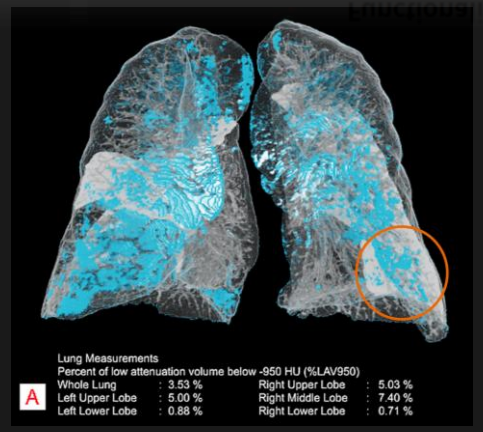
AI-Rad Companion Chest CT

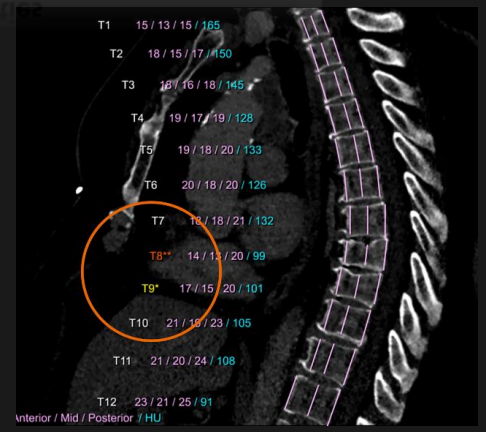
Op AI gebaseerde software voor lezen en rapporteren van Chest CT beelden.











Remote Scanning

syngo Virtual Cockpit

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GenAI is a revolutionary tool and will transform productivity for radiologists

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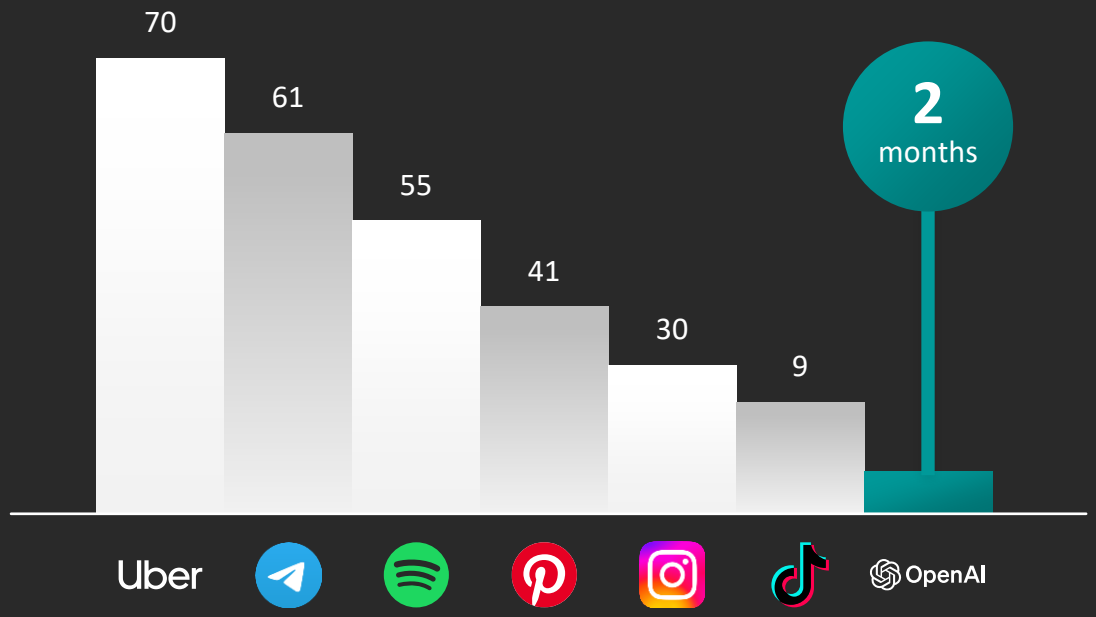
How can we support radiologists?

No. of months to 100M active users

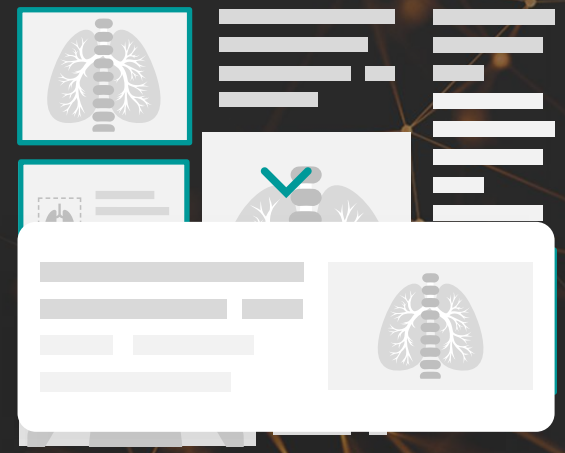


Generative AI was the **fastest adoption** of a digital offering **in human history**.

But what is

Generative AI?

Generative AI learns from patterns in existing data to order information and generate new content.



Generative AI is a revolutionary tool and will transform productivity for radiologists

Reveal relevant data from across systems

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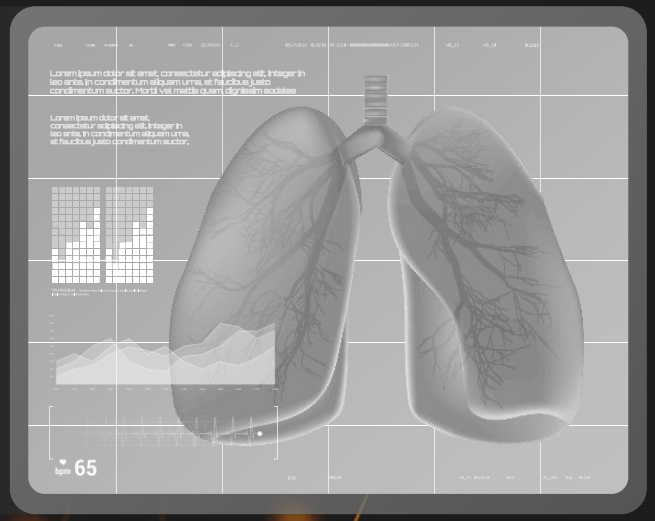
Area 01
Thoroughly consolidated patient history

Area 02
Smartly assisted and intelligent scanning

Area 03
Reliable assisted reading and reporting

Area 04
Effective personalized communication



What are the comorbidities?

Heart disease.

Dialogue with the system to request patient details and results.

Scanner configurations are automatically programmed based on patient history

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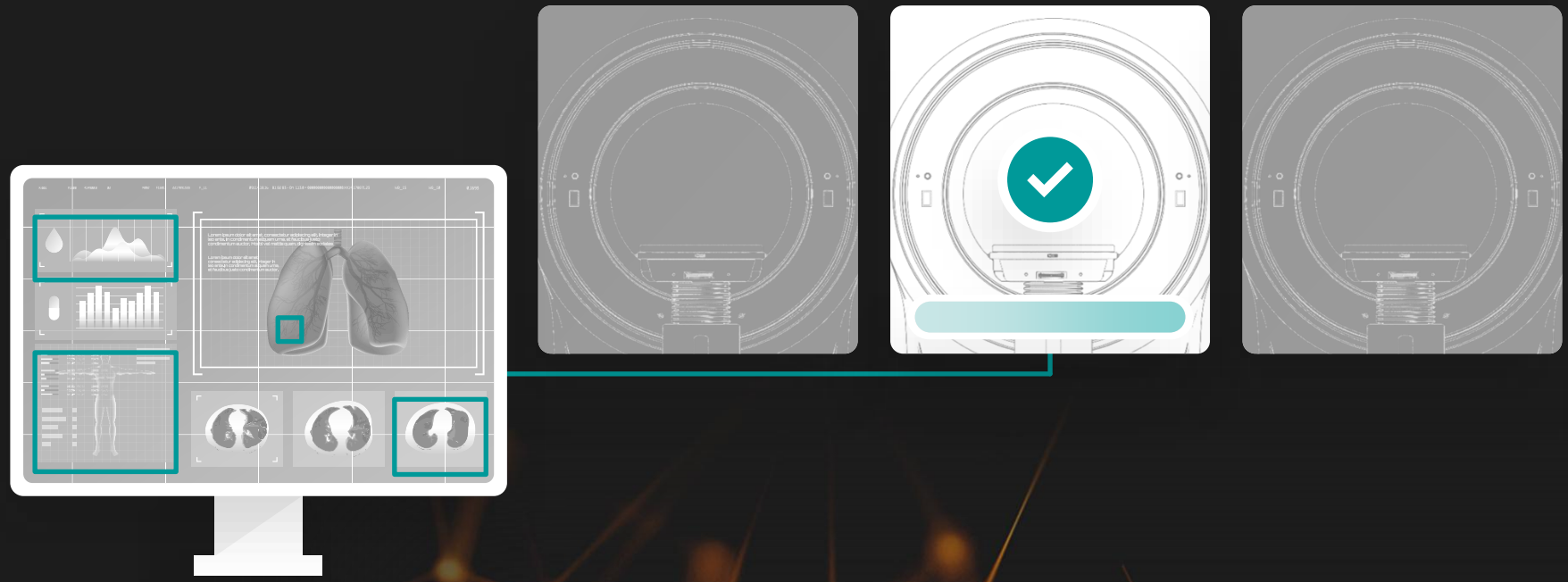

- Streamlined workflow
- Tailored, reproducible, consistent exams
- Reducing repetitive planning tasks

Let LLM help find the right clinical valuable content and access to the right information

SIEMENS Healthineers

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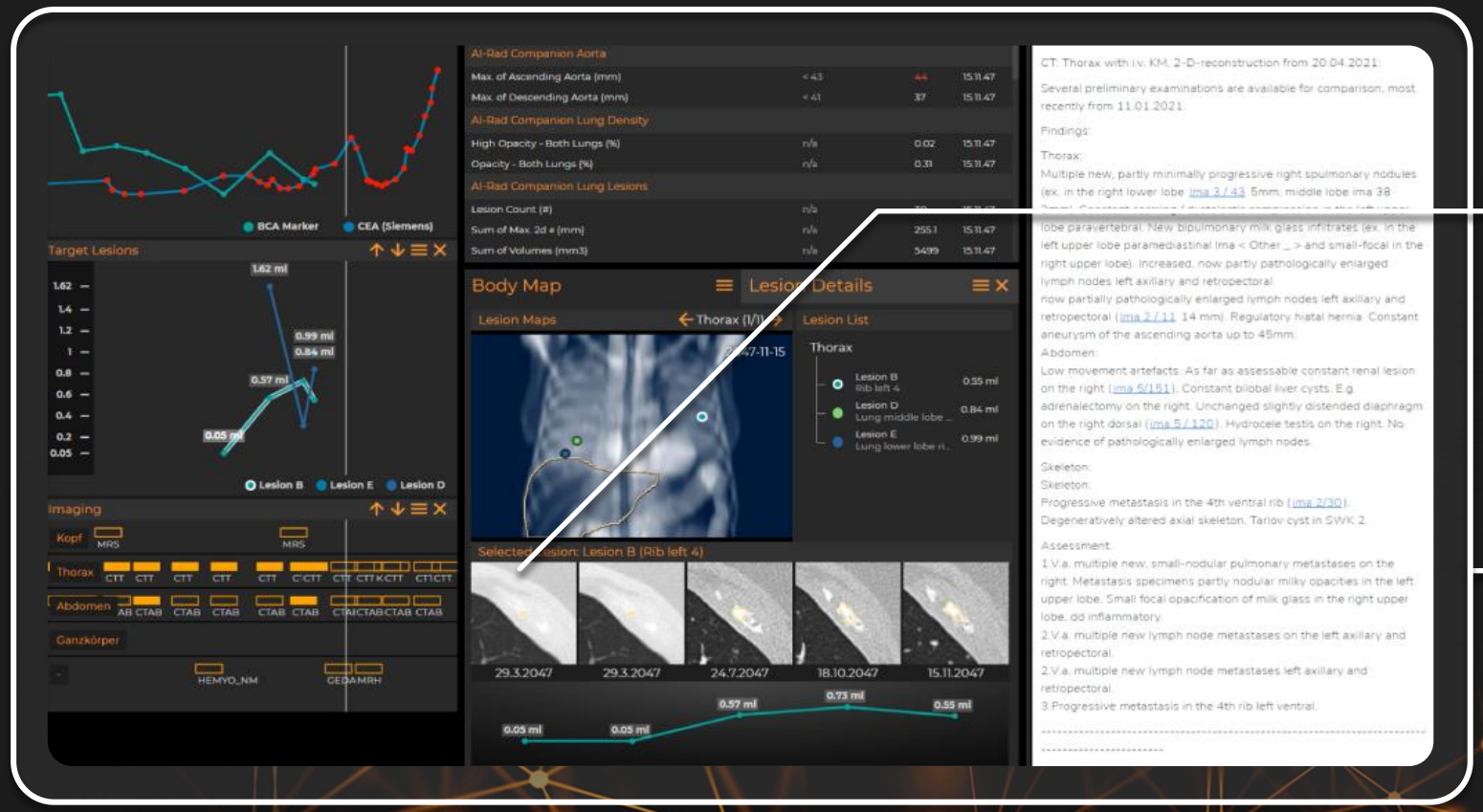

Longitudinal comparison with exact images including volume measurements help to create an objective understanding of the disease progression.

Having a holistic overview with relevant and disease specific information may help to improve the quality reports and clinical outcomes.

Thema’s rondom de inzet van AI

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Implementatie
AI Platform
Integratie workflow

Financiering
Business case?
Wie betaalt de AI-oplossingen?

Ethiek
Patient informeren?
Retrospectieve data?

Toegevoegde waarde AI
Doet het wat men zegt?
Tijdsbesparing?
Kwaliteit van zorg