



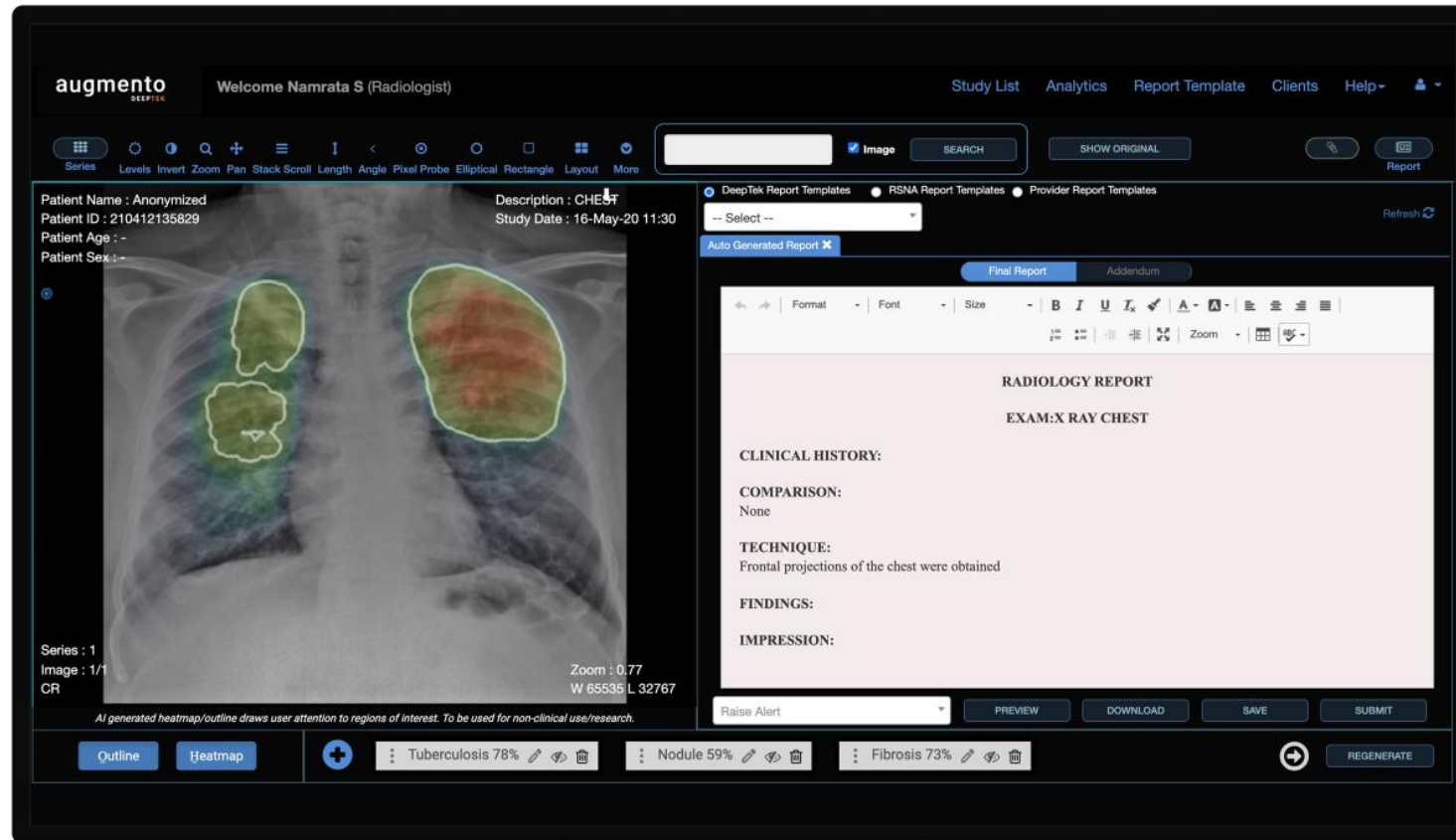
Deeptek

Transforming Radiology
Leveraging AI

QUNIE Corporation (NTT DATA Group)
Jun Hirabayashi

Introduction

Deeptek - Advanced Cloud PACS* Platform with the power of AI



*PACS: Picture Archiving and Communication System

Problem

Lack of skilled physicians and technicians

Too busy medical professionals

Cumbersome operation processes in hospitals

Problem Solving

Lack of skilled physicians and technicians

→ **AI diagnosis** would help

Too busy medical professionals

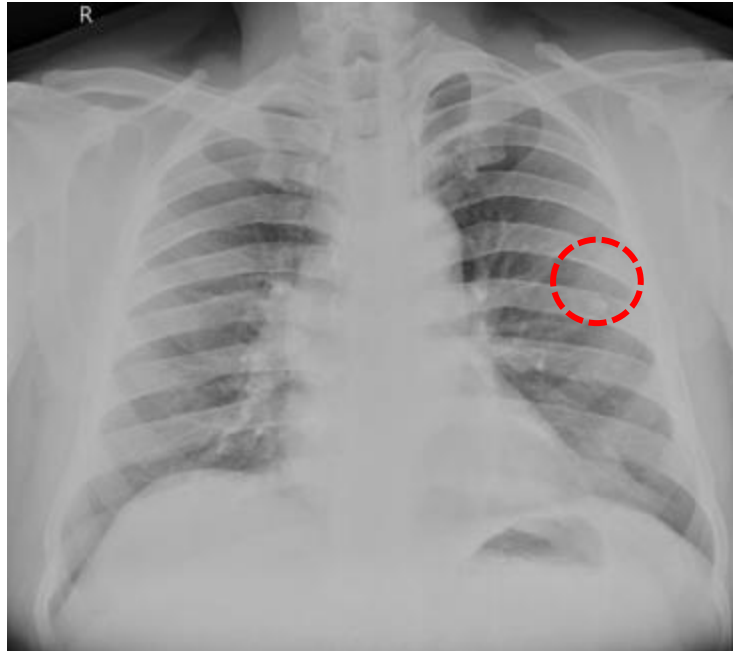
→ **AI smart reporting** would help

Cumbersome operation processes in hospitals

→ **Seamless Stakeholder Communication** is ensured by PACS platform

AI Diagnosis

Not replace the physician, but support the physician's diagnosis. In rural Africa, telemedicine without physicians is also being considered in future.



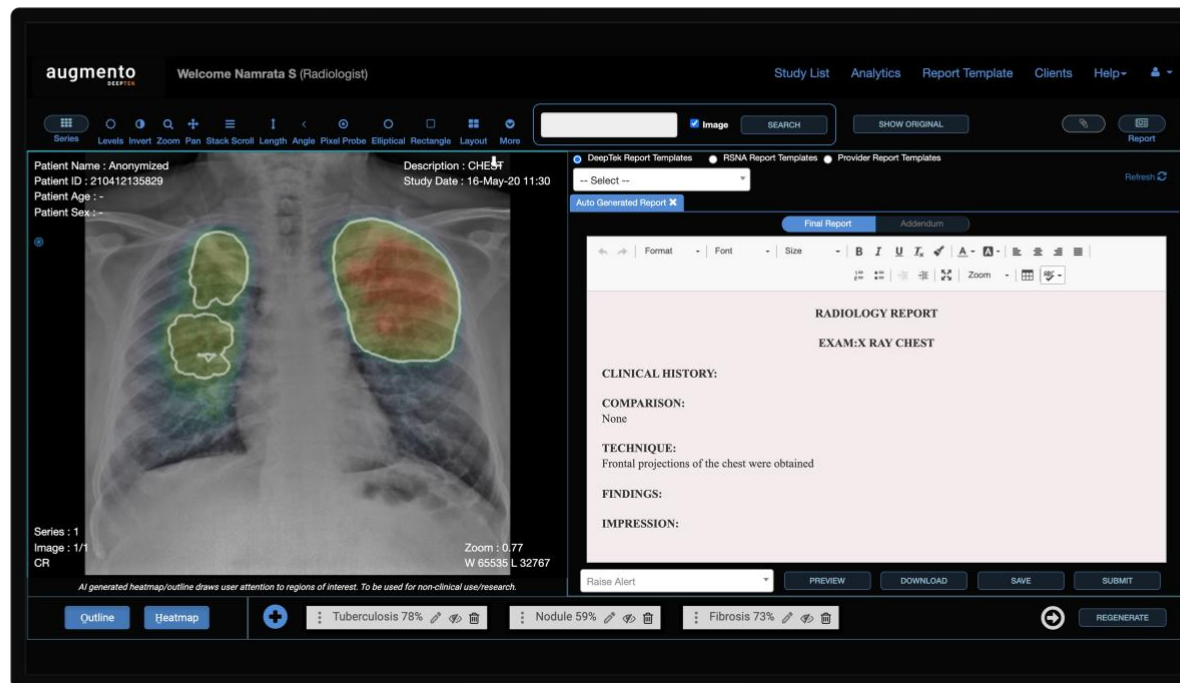
Without AI: Only 1/11 radiologists detected the nodule overshadowed by the posterior shadow end of the rib.

With AI: 8/11 radiologists detected the nodule correctly

Original paper:
<https://www.medrxiv.org/content/10.1101/2022.06.21.22276691v1.full.pdf>

AI smart reporting

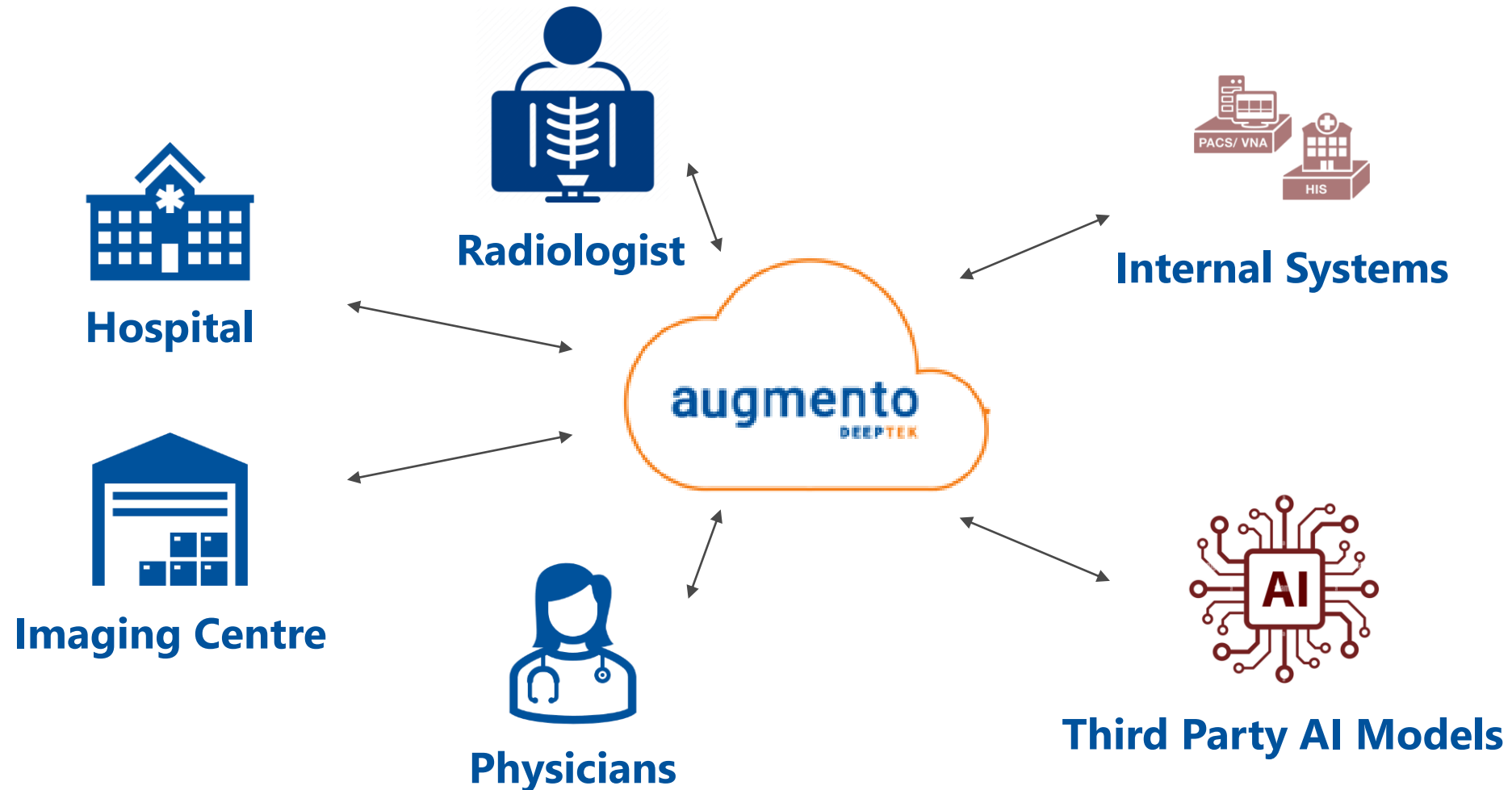
Dramatically reduces the physician's workload because AI not only makes the diagnosis, but also **creates the medical record.**



Of course, the physician can make modifications if necessary.

Seamless Stakeholder Communication

Seamless **data utilization** and **secondary use**.



Flagship project (Singapore)

Singapore Public Sector Hospital rolling out

Currently **Deeptek** is getting deployed in about five public sector hospitals in Singapore.

It would become the backbone of Radiology AI for all public sector hospitals in Singapore in the coming years.

Deeptek was selected as it comprehensively meets the vision of "Radiology AI" as envisioned by the National AI strategy in Singapore



Track records



350+

Hospitals & Medical Imaging Centers as paying customers



Global Customers

India, Singapore, Philippines, Japan, APAC



TB / COVID

Public health screening
10K+ scans monthly



55,000+

Scans processed every month



10M+ Scans

Over 100K annotated monthly
Big & Rich Data



7 Patents Filed
& 21+ Papers

Value of SaaS

Start tomorrow with no initial investment



**Pay Per
Use**



**Zero
Capex**



**Server
Less**



**Zero
Footprint**



Any OS



**Smart
Storage**



**24x7
Support**



**Zero Support
Staffing**

99%

**Highly
Available**



**Highly
Secure**

Thank you!

Visit us:

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Email us:

hirabayashij@qunie.com