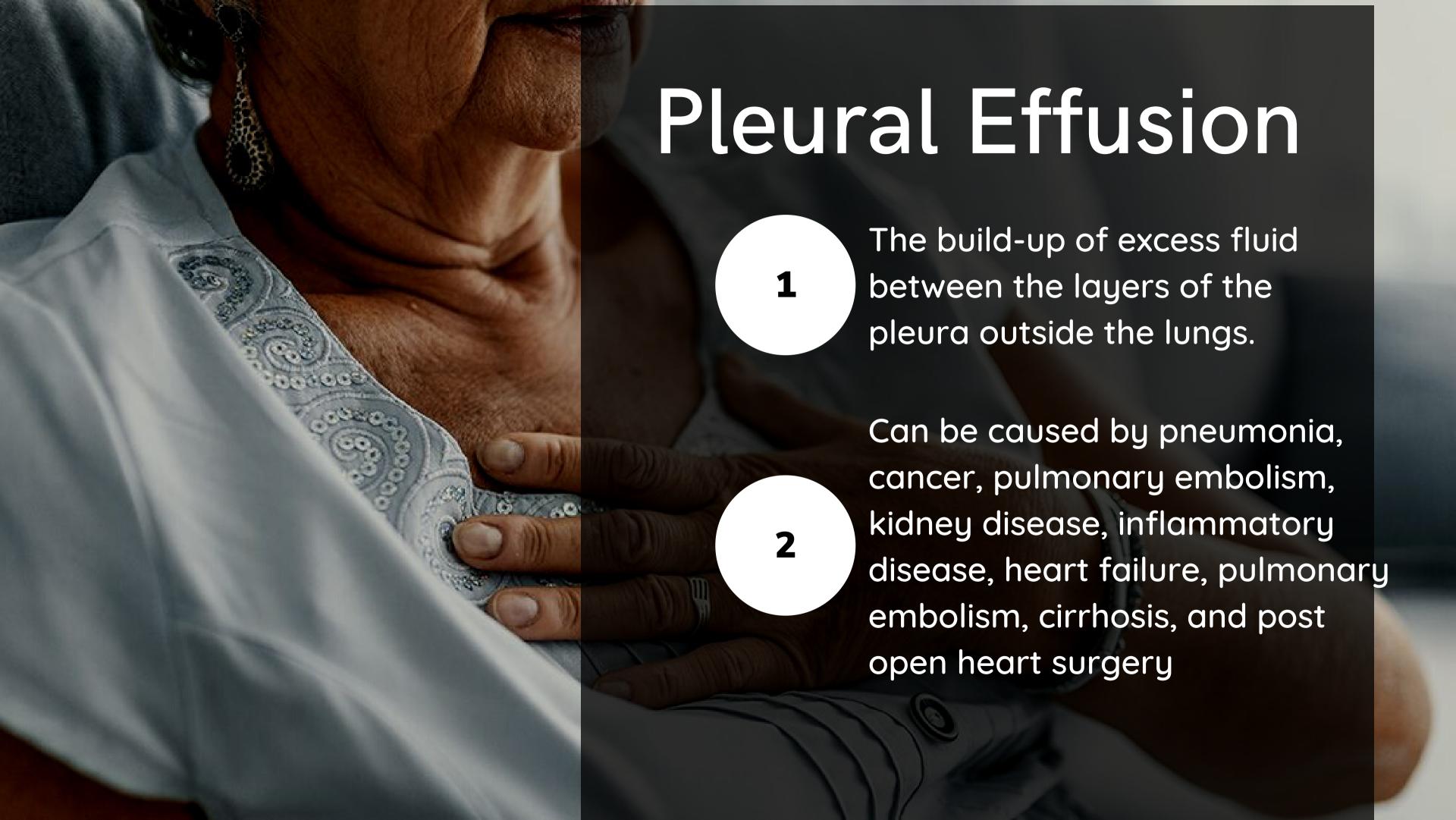




Darlington Akogo Founder, CEO

PROBLEM





Cardiomegaly

An enlarged heart identified via an imaging test

2 It has become increasingly prevalent and carries a high mortality.

Associated with congenital heart defect, damage from a heart attack, hypertension (high blood pressure), and anemia.

3

PROBLEM

There is a limited number of clinicians in Africa and globally.

Doctor to patient ratio

1:11
Ghana

1:60K

Malawi

Radiologist to patient ratio

1:100K
South Africa

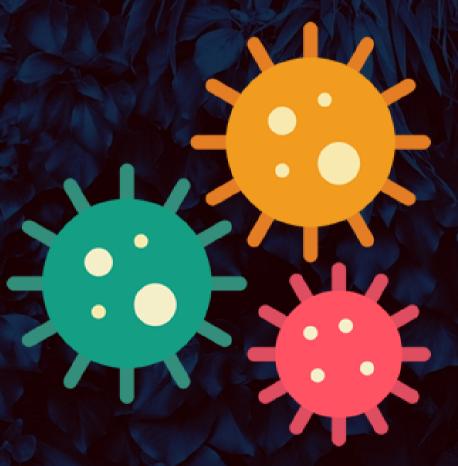
1:400K

Ghana has less than 100 radiologists, Liberia has only 2 radiologists.

Solution

We are automating medical diagnosis, prognosis, and forecasts.

We are an internationally recognized startup pioneering AI in health. We are helping health facilities provide quality healthcare and reducing the workload on the existing clinicians.



Al for Infectious
Diseases



Al for Radiology



Al for Biomedical Research

Clinical Evaluation

The first AI for Radiology clinical study in Africa.

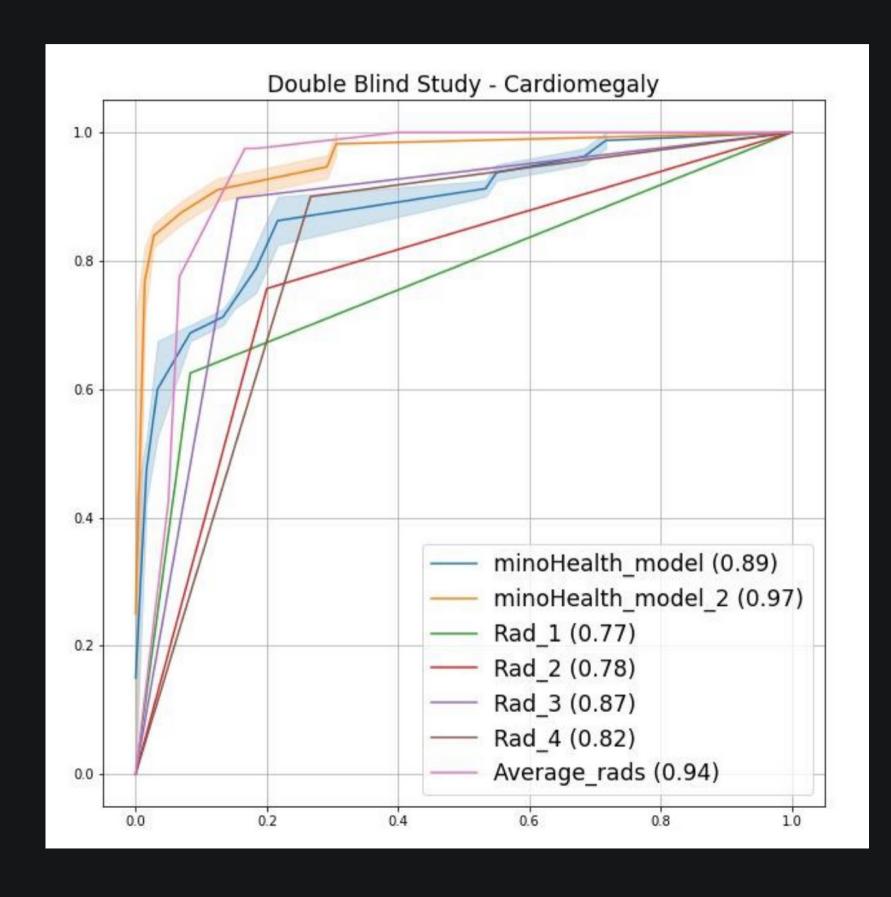
Evaluation Data

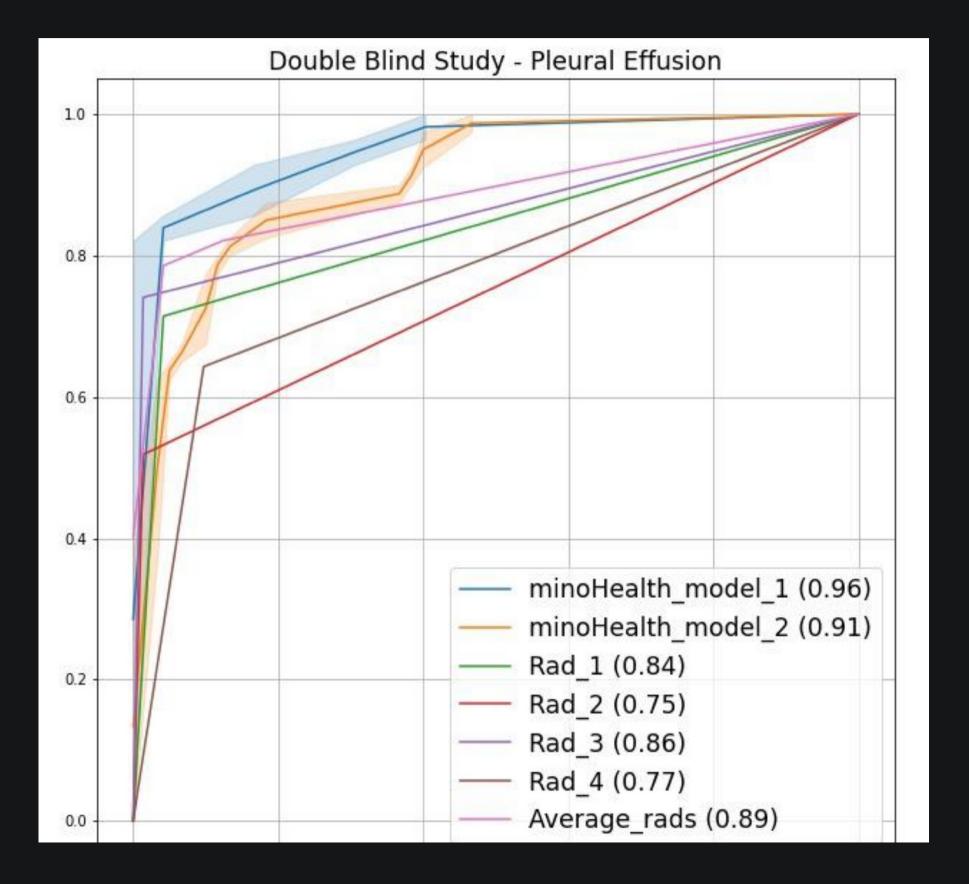
The evaluation dataset used in this study contained 100 images selected from Ghana, Vietnam and the USA.

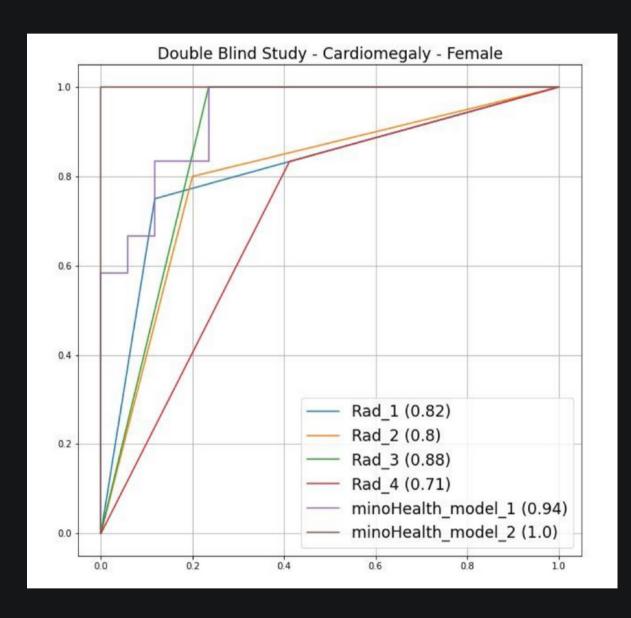
Al system was further tested on a larger Ghanaian dataset containing 561 samples.

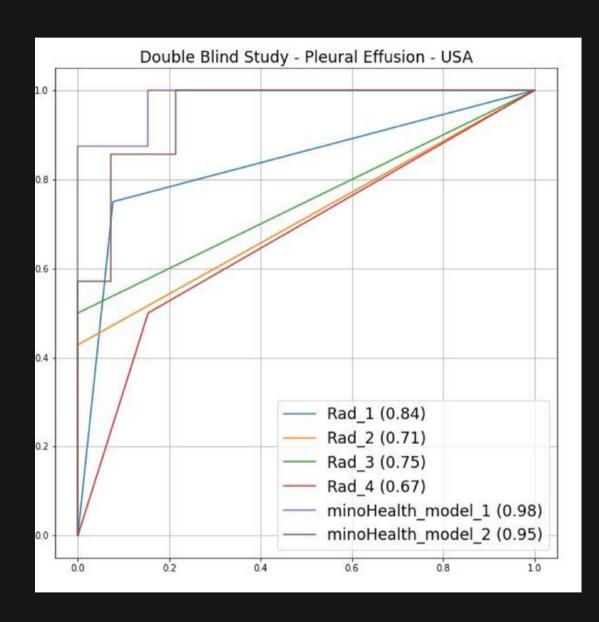
Evaluation Against Gold Standard

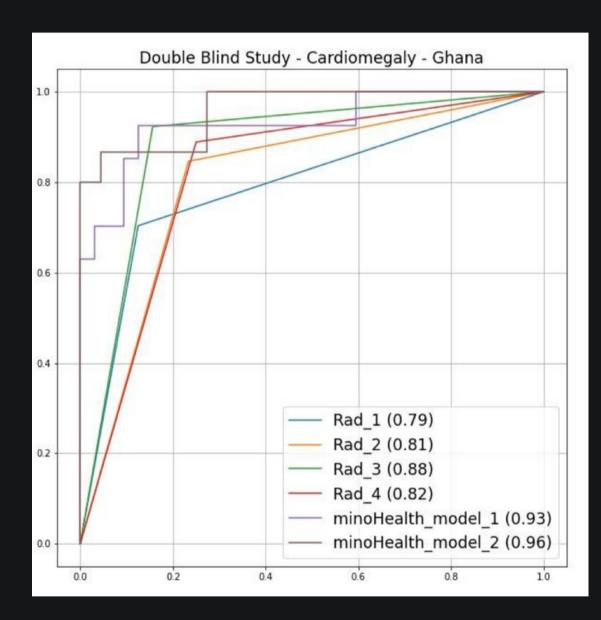
- 2 minoHealth.ai systems
- 4 radiologists: with 5 20 years experience, to diagnose independently.



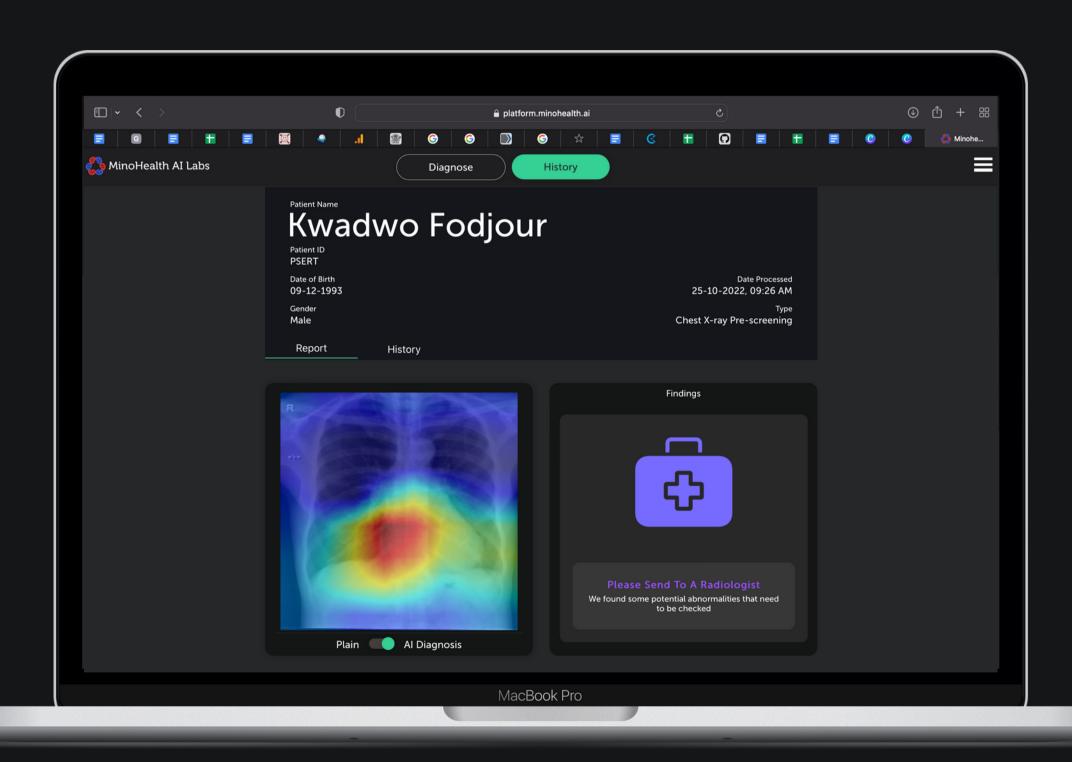








Product



Automated AI Chest Pre-Screening (chest x-ray) for:

- Pneumonia
- Pleural Effusion
- Cardiomegaly
- Enlarged Cardiomediastinum
- Lung Opacity
- Lung Lesion
- Edema
- Consolidation
- Atelectasis
- Pneumothorax
- Fracture

Visit: platform.minohealth.ai

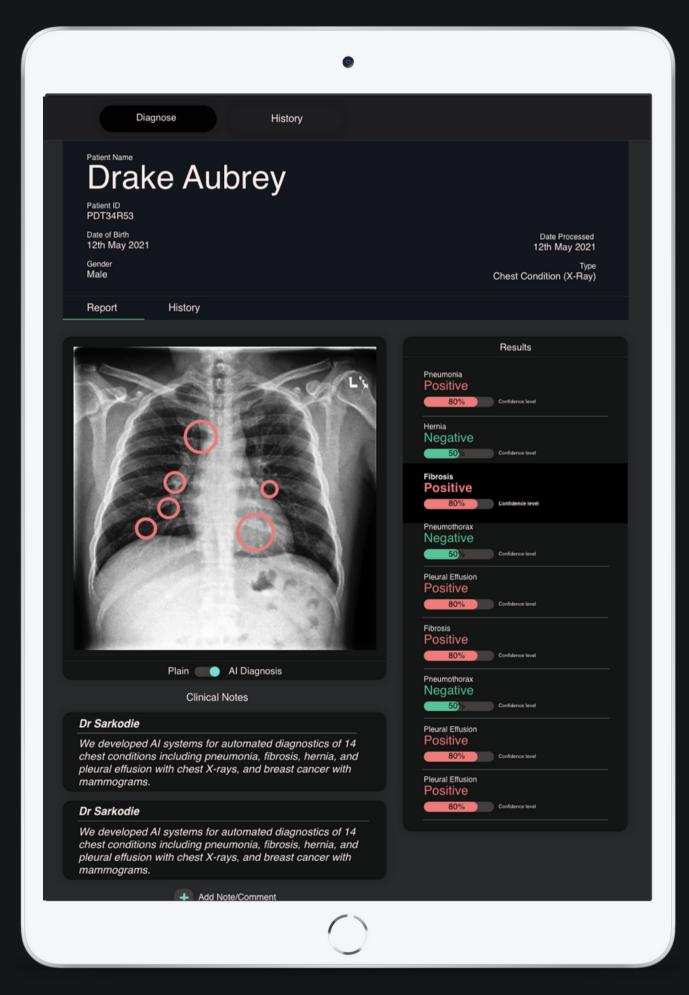
Product

minoHealth Al

minoHealth Al supports the automated diagnostics of 9 chest conditions with chest X-rays.

The system is given a chest X-ray, the Al system analyses it and then generates diagnostics results.

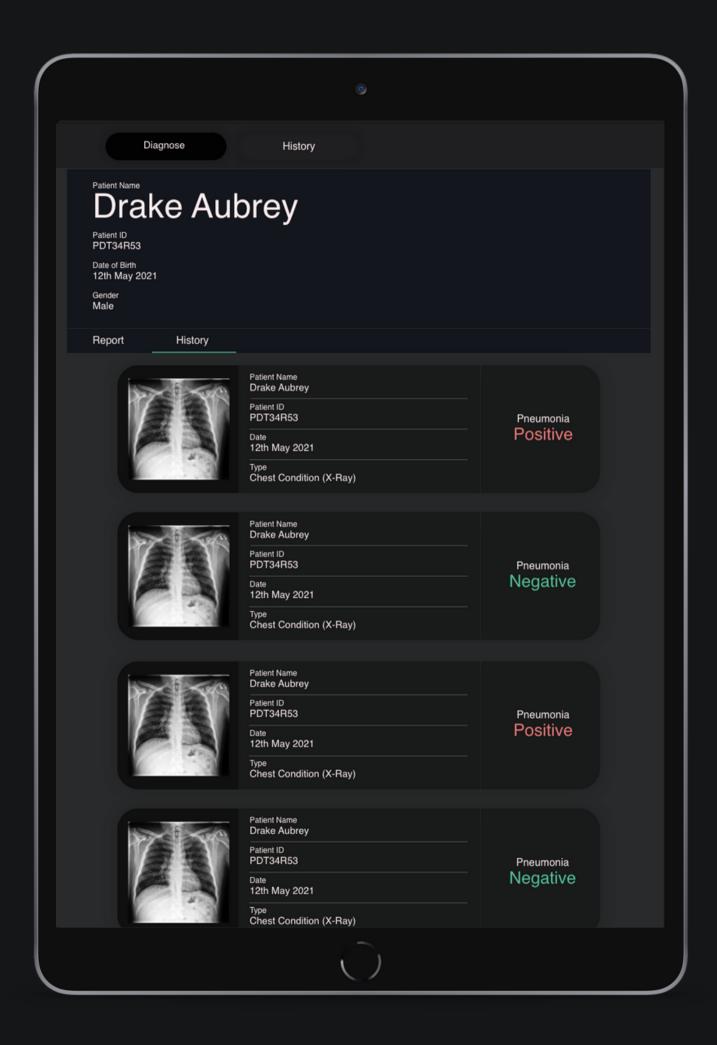




How It Works

Fill AI form with patient's medical image and information

minoHealth.ai analyses the medical image and then provides Al diagnostics results



Benefits

Fast: Diagnostic Radiology in under 1 minute

Accurate: high performance of Al systems

Affordable: Al diagnostics at a price accessible to all



Impact

Democratised early disease detection for all citizens

2 Allowing for early intervention

Leading to higher survival rates & life expectancy, and better quality of life





Imperial College London













MINOHEALTH.AI: A CLINICAL EVALUATION OF DEEP LEARNING SYSTEMS FOR THE DIAGNOSIS OF PLEURAL EFFUSION AND CARDIOMEGALY IN GHANA, VIETNAM AND THE UNITED STATES OF AMERICA

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We are looking forward to working with you!

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