PulmoAi X-ray
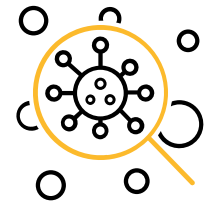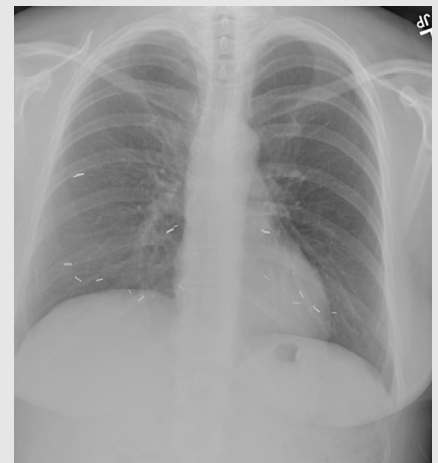## by ElectrifAi

A smarter solution for an unprecedented problem.

—— Overview

Physicians in the US are using X-rays to triage patients with COVID-19 symptoms. Despite showing symptoms some are sent home, only to return within 24 hours requiring immediate intubation and emergency care, suffering from lung capacities as low as 30%. Rapid X-ray tests are missing something crucial.

X-ray of patient with COVID-19

X-ray of patient without COVID-19

PulmoAi X-ray directly addresses the use of X-rays in crisis zones today. Adapting to the specific challenges of the pandemic, PulmoAi X-ray goes a step further than distinguishing healthy lungs from COVID-19-infected lungs. The cloud-based solution identifies the crucial differences between coronavirus-positive patients sent home who recover safely, and those sent home who return in need of intubation. Pre-trained on pulmonary scans from hospitals in crisis zones, PulmoAi X-ray leveraging deep learning neural network technologies to identify critical abnormalities associated with COVID-19.

Using PulmoAi X-ray is simple: Upload an X-ray from a web browser, and PulmoAi X-ray outputs a percentage score in under 1 minute—alerting you to the likelihood of recidivism when considered with other clinical factors.