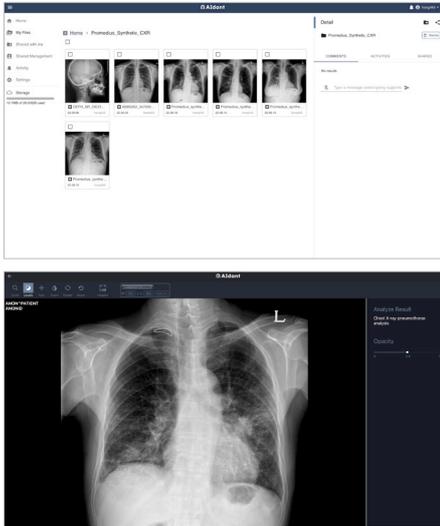aidant.io

AIdant

MEDICAL AI CLOUD

Medical Imaging AI Platform For Healthcare Professionals

What is AIdant?

AIdant is a subscription-based cloud-native medical imaging AI platform, which connects healthcare professionals with cutting-edge AI solutions.

AIdant makes healthcare professionals spent more time in patient care, rather than time-consuming medical image analysis. With AIdant, healthcare professionals can share medical images with peers for second opinion as well as teleradiology service.

Join AIdant today and see how we revolutionize healthcare for tomorrow: **https://aidant.io**

Key Features

VIEW Need to view DICOM images? Just open your web browser.
AIdant comes with a zero-footprint DICOM or non-DICOM medical image viewer, which does not require any install on your local machine. Also, you can use basic tools for operation over medical images.

SHARE Data sharing becomes much easier with AIdant while protecting patients' privacy.
Cloud-native storage allows clinicians to save or to share patients' data, and even patients can share their data to other clinicians with QR code.

Analyze AIdant is equipped with diverse AI solutions which assist diagnosis or quantification of medical images.
Since the AI solutions are seamlessly integrated with the viewer and storage, users can simply access them on their own browser.

Your Trustworthy Medical Imaging Platform

+ Reliable and Scalable AI Solutions

With AIdant, you can use our robust AI solutions such as chest radiograph pneumothorax analysis or osteoporosis screening tools, developed in close collaboration with clinicians. AIdant will also provide well-curated AI solutions from other vendors, to make users more accessible to robust AI solutions.

+ Accessible and Affordable Platform

AIdant is accessible. It is free from time and distance constraints because it is in the clouds. AIdant is affordable. It does not require a separate space, installation cost, or maintenance personnel. Easily accessible with a mobile, tablet, or anything with web browser.

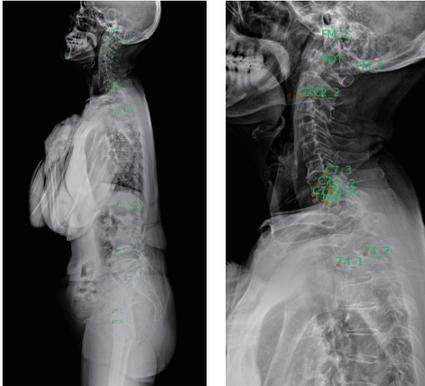**+ Automatic Data Anonymization**

Personal information need to be secured and protected at any time. AIdant automatically anonymize medical images in accordance with the HIPAA Privacy Rule.

Developed in close collaboration with clinicians and engineers

Reliable

Quick access with web browser anywhere and anytime

Accessible

Resolving the shortage of infrastructure and regional disparity

Affordable

Increasing AI solutions on various modalities and body parts

Scalable

High usability with an intuitive user interface

Handy / Slick

Aldant Solutions

You can meet various AI solutions on Aldant, and more solutions will be available soon.

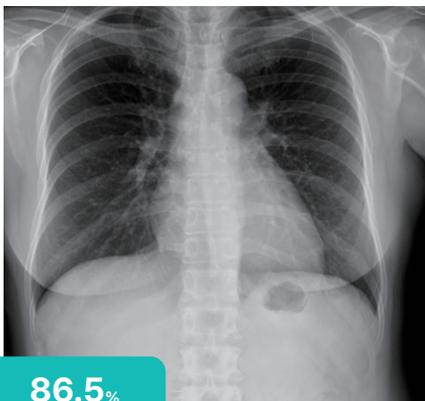## Whole Spine Lateral Parameter Measurement

Detecting 13 cervical landmarks and 13 spine landmarks on lateral spine X-ray images.

The landmarks are used to derive the distance index and angle index required for cervical and spinal deformity segmentation.

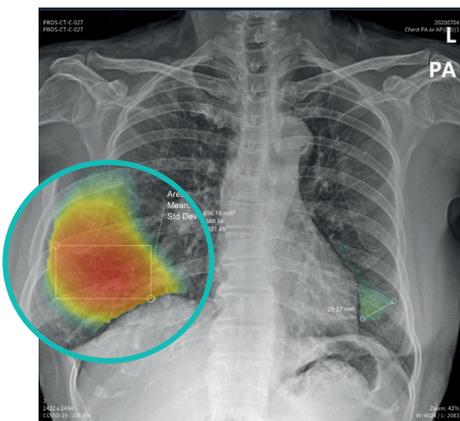| Average Difference	3.24 +/- 3.73 m	Inference Time	< 5 sec

Chest X-ray Osteoporosis Screening

A screening solution using chest X-ray images for selecting highly probable osteoporosis patients, who need a bone mineral density test. Early screening of osteoporosis may reduce fractures-related morbidity and mortality.

86.5%

AUC	0.91	Sensitivity	84.3%
Inference Time	< 5 sec	Specificity	81.5%

Chest X-ray Infectious Disease Analysis

Analyzing infectious diseases (pneumonia and pulmonary tuberculosis) on chest X-ray images. It is expected to be used for early screening and prevent the spread of infectious diseases.

AUC	0.95	Sensitivity	91.0%
Inference Time	< 5 sec	Specificity	87.0%

" **In clinical field, there are things that are repeated every day.**

For example, measuring the degree of curvature of the spine or counting missing teeth. These tasks take up a lot of time for experts, but with AIdant's AI solution, you can reduce that time and increase work efficiency.

Joon Beom Seo, M.D., Ph.D. (Radiology)

" **Osteoporosis is a common, but silent disease until it is complicated by fractures which are associated morbidity and mortality.**

This AI model using chest radiographs can be used opportunistic automated screening of patients with osteoporosis in clinical setting.

Miso Jang, M.D., Ph.D. (Family Medicine)

" **In diagnosing spinal diseases, there are various values that need to be measured in X-rays.**
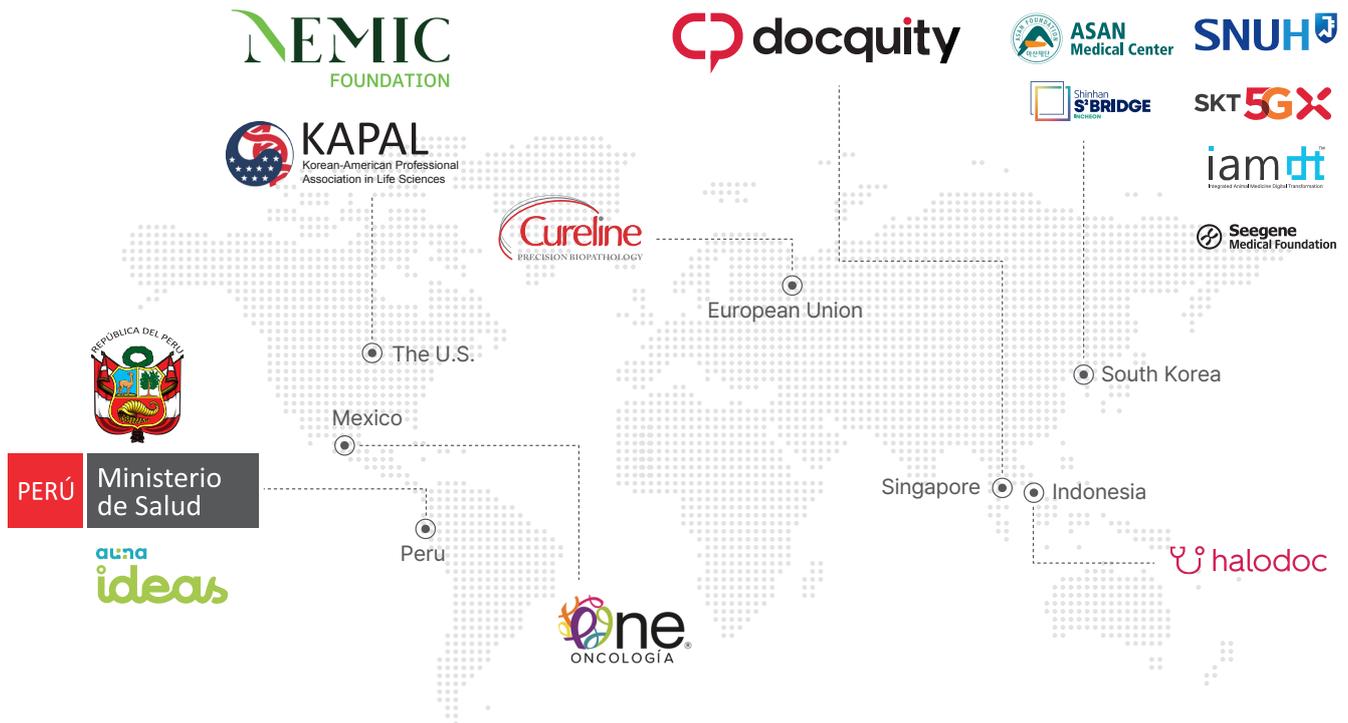
It take a long time and the values inevitably change depending on the measurer. However, by using the AI solution, time can be drastically reduced, and the accuracy of measurement can be improved.

Sung Hyun Noh, M.D. (Neurosurgery)

Aldant
has no borders

Wherever healthcare professionals ask, Aldant is ready to forge collaborative partnerships. Currently, we are building strong partnerships with governments, general hospitals, medical schools, top-tier medical IT service providers and medical communities in each country.

NEMIC FOUNDATION

docquity

ASAN Medical Center

SNUH

Shinhan S²BRIDGE INCHEON

SKT 5GX

KAPAL
Korean-American Professional Association in Life Sciences

iam dt
Integrated Animal Medicine Digital Transformation

Cureline
PRECISION BIOPATHOLOGY

Seegene Medical Foundation

European Union

The U.S.

South Korea

Mexico

Singapore

Indonesia

REPÚBLICA DEL PERÚ

PERÚ Ministerio de Salud

Peru

auna ideas

One ONCOLOGÍA

halodoc

Our Successful Story in Peru

Our platform and AI solutions can assist developing countries. Since 2021, we are actively conducting business and research with hospitals and medical research foundations in Peru.

We conducted a PoC project with major national hospitals including Nacional Dos de Mayo, which has 147 years of history. In October 2022, we signed a formal MOU with regional association of doctors and provide Aldant platform to more than 10,000 doctors.

Cutting-edge AI Research in Medical Imaging

Unsupervised AI

We perform various research projects on unsupervised AI in medical imaging, such as anomaly detection, to make safer AI solutions than before.

Collaboration

Our vision of providing better healthcare is realized faster through partnerships. By adding our own solutions as well as those of our partners, we are constantly expanding as a medical AI platform for all healthcare professionals.

Strong R&D

Various research is underway through cooperation with major global hospitals, our AI solutions will contribute to improving medical care around the world.

Revolutionizing Clinical Workflow

Efficient Workflow

Aldant focuses on technology that helps healthcare workers. It will improve patient care and treatment effectiveness through efficient workflows.

Remote Collaboration

Aldant becomes a channel for remote collaboration between clinicians with real-time communication. Through this, we will achieve global health equity.

Medical Imaging Platform

With Aidant, you always have easy access to imaging data. Your healthcare works on any device, without installation, wherever there is an internet.

Global Partnership with Aidant

Certification

We strive to ensure that all medical data handled by Aidant meets the safe methods and standards. We have obtained ISO 13485 and GMP certification: ISO 13485 is an international quality management system standard for medical devices. It certifies that, as a medical device, it is produced and maintained using methods and procedures that meet key standards. GMP (Good Manufacturing Practice) certification guarantees the quality conformity of the medical devices we manufacture and handle.

Security and Compliance

Aldant is committed to helping you achieve security compliance by providing an infrastructure designed with security as a priority, built-in safeguards, comprehensive identity management, and network security. HIPAA is a U.S. health information protection law for security and compliance that helps you process, maintain, and store personal health information using the cloud environment.

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