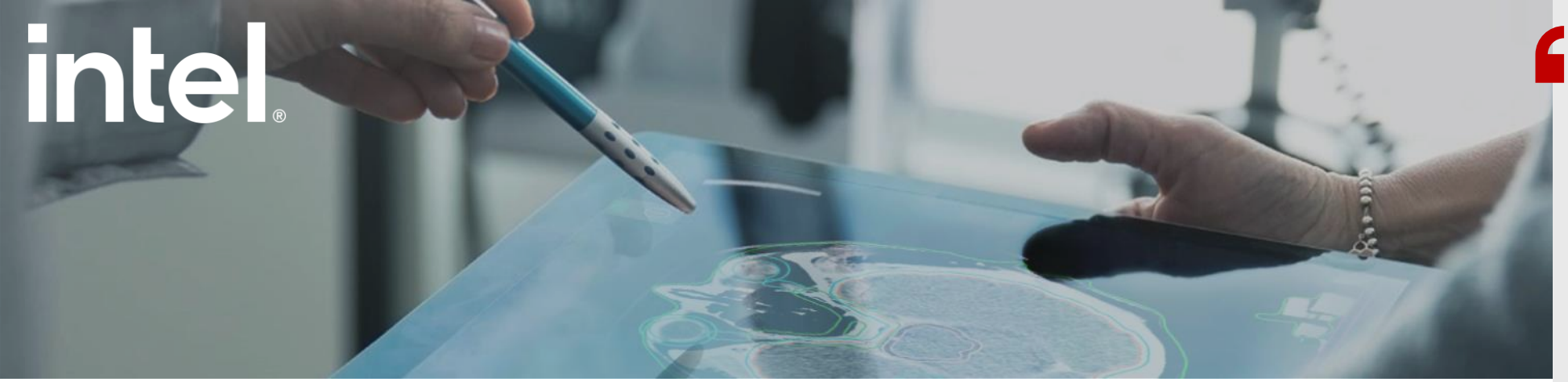
intel®



连心医疗
LINKING MED

AiPlan Automatic Radiotherapy Treatment Planning System

Improving Patient Outcomes and Optimizing Treatment Plans with AI-powered Tools

The LinkingMed AiPlan is an automatic treatment planning system (TPS) for cancer patients who are treated with radiotherapy. Leveraging Intel AI tools such as the Intel® Distribution of OpenVINO™ toolkit and Intel® Xeon® Scalable processors, the solution uses image segmentation, dose prediction and optimized algorithms to automatically generate treatment plans which include a variety of radiation therapies. In addition, the system eliminates repetitive tasks by predicting dose distributions and calculating a treatment dose in seconds, without the need for manual intervention.

Key Features

- Automatic Contouring
- AI Dose Prediction
- Intelligent Radiotherapy Planning

Vertical:
Health & Life Sciences

Use Cases:
- Human Wellness Monitoring
- Control Optimization and Autonomy
- Cancer treatment
- Automatic plan generation

Country/Geo:
East Asia

Learn more:
- The LinkingMed Website
- LinkingMed AiPlan Website

> *"AiPlan automatically brings high quality radiotherapy treatment plans with fast dose engines and intelligent generative functions."*
>
> Chief Medical Physicist,
> Prominent Hospital in Beijing

Intel Products and Technologies
- Intel® Distribution of OpenVINO™ Toolkit Product Page
- Intel® Xeon® Scalable Processors Product Page
- Intel® Optimization for TensorFlow Introduction
- Intel® oneAPI Analytics Toolkit Product Page