AMG
MEDTECH

Radiology and Radiotherapy Software Solutions

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Radiology & AI Software Solutions

In Radiology, using AI will improve automation, accuracy, consistency, better integration and cross collaboration.

DetectedX

DetectedX is a leading image-based diagnostic improvement learning platform with real-time feedback, and convenient online access. Develop your skills in breast, lung, or other diagnostic areas featuring a range of modalities and learning content.

Self assessment modules allow users to review real cases featuring full resolution images using real-life reading protocols and workflow.

DetectedX - Radiology Online Learning Center

– On-demand and accessible 24/7 lectures from leading academics

– Full-resolution images

– Full performance visibility, with real-time scoring, feedback and benchmarking

– Centralised performance dashboard

– Built by leading radiologists & academics

– Accredited CPD & CME training Instant CME certification

Cloud-based online learning technology lets users learn in any location, with everything they need in one platform.

ARTERYS

Arterys is the medical imaging AI platform allowing you to weave leading AI clinical applications directly into your existing PACS or EHR driven workflow to make it a natural extension of what you already do.

The Arterys platform extracts actionable insights from medical images to add clinical value, improve diagnostic decision making, efficiency and productivity.

LUNG AI
Your AI-Assisted Chest CT Analysis Software.

NEURO AI
AI powered by Avicenna.AI & Imaging Genetics
Your All-in-One Neuroradiology Platform.

BREAST AI
AI powered by iCADx
The Solution for Early Detection of Breast Cancer.

CARDIO AI
Your AI Assisted Cardiac MRI Software.

CHEST | MSK AI XR
AI powered by MILVUE
Your AI Emergency Department X-ray Software.
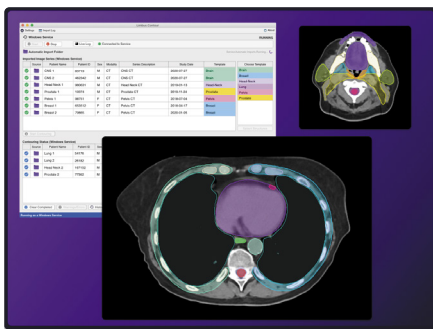
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Radiotherapy & AI Software Solutions

Advances in software technology and AI can help automate repetitive tasks in Oncology, thus steamlining workflows and improving patient outcomes.

Limbus AI

Clinically validated deep learning segmentation for radiotherapy, CT and MR scans are contoured in seconds using preferred structure set templates or AI models.

Limbus Contour detects and applies the correct clinical template, and sends the contours to the treatment planning system for manual review.

Limbus Contour

– Completely automatic AI Autocontouring for Radiation Therapy.
– Clinical grade Organs at Risk and Target Volume contours.
– Safe & Secure.
  No cloud transfer of patient data required.
– State of the art deep learning entirely on local network.
– Scalable & enterprise license ready.

Being vendor neutral you can have all your AI models or contour templates up and running in minutes, with your existing treatment planning system. The system is also DICOM based, so the software integrates well into any TPS, MR and CT scanner combination you might have in different centers.

Pukka-j

Pukka-j offers a complete range of healthcare imaging and reporting solutions covering every aspect of diagnostic case management for radiology, cardiology, molecular imaging and radiotherapy across both acute and community service healthcare providers.

Pukka-j PACS for Radiotherapy

– DICOM - RT Plans, Image, Structure Set and Dosing. CT, MRI and PET.
– Advanced routing & filtration automation rules.
– DICOM tag substitution for enhanced data preservation and sharing.
– HL7 communication for synchronisation with other systems.
– Vendor neutrality & high connectivity.
– Web-based image review functionality.

With highly customisable, enterprise-wide to departmental solutions are key to our product development.

To learn more visit amg-medtech.com

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