

XyCAD-PAD

Xylexa's AI algorithms analyze lower limb CT Angiograms, identifying Peripheral Artery Disease (PAD/Stenosis) including blockage location, length, and severity

CLINICAL BENEFITS



Multi-model SaMD

Examines Lower Limb CT Angiograms for detection of arterial occlusion / stenosis by region & severity.



Operational Efficiency

Generative AI techniques render CT Angiogram reports in under 5 minutes, reducing Radiologists' daily workload.



Image Interpretation

Image interpretation, decision making, and reporting time reduced by up to 90%.



Decision-making

Streamlines dual interpretation of CT Angios by Radiologists & Cardiologists, for vascular surgery, as a single reader.



Workflow Efficiency

Ubiquitous access PACS, DICOM, and AI analytics anywhere, on any device, at all times.



Diagnostic Efficiency

Enhances Radiologist accuracy by up to 25% in interpreting peripheral artery disease from CT Angiograms.

DIAGNOSTIC ACCURACY

During clinical trials, XyCAD-PAD significantly enhanced Radiologists' ability to improve clinical outcomes, aiding Vascular Surgeons with optimal Vascular Arterial Surgery Planning.

96%

SENSITIVITY

99%

SPECIFICITY

96%

AUC - ROC

