



# Protos

Digital AI Studio

● AIRA: FDA 510(K) CLEARED

● AI PORTFOLIO

RADIOLOGY AI · AIRA · QUANTSYNTH · SUVUE · VERTEVUE · AI REPORTING · DIYAI

Protos is the Aramis radiology AI line-up: assistive tools for measurement and assessment across the body, AI inside the reporting workflow, a radiology reference guide, and a builder for your own models. Built by a team of doctors, ML engineers and developers since 2018.

## Assist, not replace

Every tool measures or suggests.  
The radiologist decides.

## Inside the workflow

Results arrive in the viewer and the  
report, not a separate app.

## Build your own

diyAI turns your data and expertise  
into models.

### THE LINE-UP

## Six tools, one studio.



### AIRA

AI-assisted renal assessment on CT. FDA 510(k) cleared.



### quantSynth

Synthetic and parametric MRI from three sequences.



### SUVue

AI-assisted PET-CT SUV assessment.



### VERTEVue

AI-assisted spine assessment.



### AI reporting

ScrAIbe, Voice Edit, auto-impression, follow-up and Clean with AI in VidusNote.



### diyAI

Do-it-yourself AI: build, validate and publish models.

# AI that does the measuring.

AIRA · FDA 510(K) CLEARED, K261677

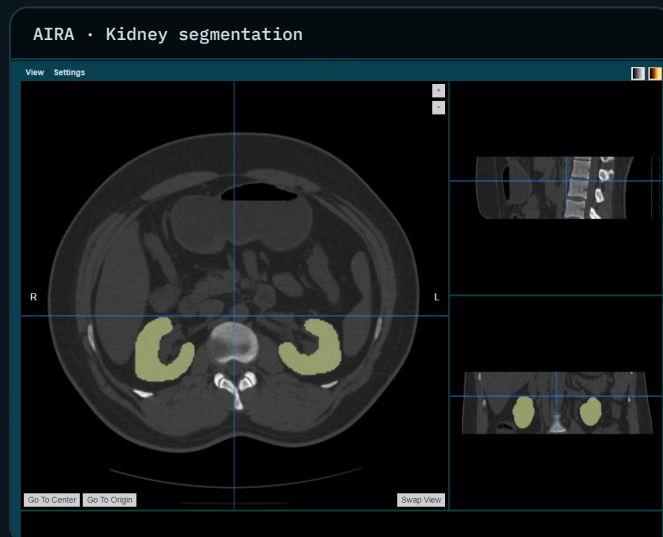
## Artificial Intelligence Renal Assessment

- Automated kidney segmentation on non-contrast CT KUB
- Cleared for per-kidney parenchymal volume, cranio-caudal length and interpolar parenchymal thickness
- Also detects and measures renal calculi\*

SUVUE

## PET-CT SUV assessment

- Finds foci of increased FDG uptake
- Mean, minimum and maximum SUV per lesion
- Metabolic tumour volume and total lesion glycolysis
- Tabular and on-image report, also inside Ocular



QUANTSYNTH

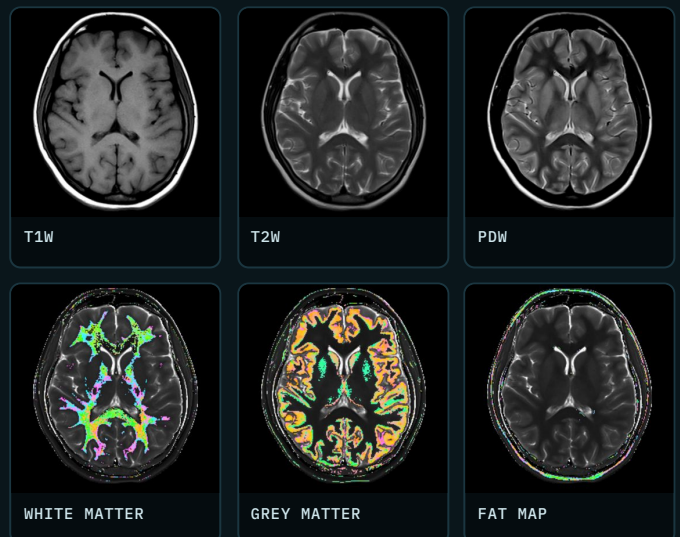
## Synthetic & parametric MRI

- T1, T2 and PD maps from three standard sequences
- Synthetic T1w, T2w, PDw, FLAIR, STIR and DIR contrasts
- White matter, grey matter and fat maps
- Works on retrospective data; written back via STOW-RS

VERTEVUE

## Spine assessment

- Vertebral level identification and labelling
- Disc-height and vertebral-height measurements
- Genant compression-fracture grading



\* Not FDA-cleared: AIRA is not cleared for the detection or measurement of kidney stones.

# AI-based reporting and clean-up, in VidusNote.

The reporting module of the Radium platform carries its own AI stack. Every feature suggests; the radiologist decides.

## SCRAIBE

### Speech to report

- Dictate mode streams speech into the report
- Command mode for macros, fields and stage changes
- Multilingual input, professional English output

## WRITE · VOICE EDIT

### Speak your edits

Speak edits to an existing report, such as "bold the impression" or "add a table". The AI returns a structured change you apply with one click, with undo and a change log.

## AUTO-IMPRESSION

### Draft the impression

Suggests an impression from the findings you have written, for the radiologist to accept, edit or discard.

## FOLLOW-UP

### Guideline follow-up

Suggests follow-up recommendations against Fleischner, Bosniak, LI-RADS and RECIST, including interval change.

## CLEAN WITH AI

### Tidy dictated text

An optional pass that fixes punctuation, casing and flow in dictated text. Applied on demand; the radiologist stays in control.

## VERUM

### Check before you sign

Rules check for unfilled placeholders, missing sections, impression mismatches and critical-finding keywords. Optional AI flags only and never rewrites. It never blocks finalising.

## Governance

AI assist is opt-in and token-gated, never a mandatory per-report cost. Administrators switch each AI feature on or off per centre and per role, with per-study token budgets. Always proofread dictated text before signing.

## SIMARA

### Radiology reference guide

An LLM-based radiology Q&A guide, powered by a radiology reference, for quick answers while you read.

## OCULAR AI-ASSIST

### 20+ assist tools in the viewer

Cardiac, neuro, chest, abdomen and PET assist tools that shortlist possible findings for review, running on the workstation.

# Do-it-yourself AI for radiology.

Build your own AI models with your own data, validate them with your peers, and publish them to a network of doctors.

01

## Build

Train models on your own data, around the questions your practice asks.

02

## Validate

Collaborate with peers to validate the model before anyone relies on it.

03

## Publish

Publish the model to the Aramis network of doctors.

## DEPLOYMENT

# On your premises or in the cloud.

### ON-PREMISE

#### Next to your scanners

AI and PACS software alongside your modalities, with results returned into the reading workflow.

### CLOUD

#### Connected through the cloud

Studies routed to Protos tools in the cloud, with results back in the viewer and report.

#### Regulatory status

Only AIRA holds FDA 510(k) clearance (K261677), for per-kidney parenchymal volume, cranio-caudal length and interpolar parenchymal thickness on non-contrast CT KUB. All other Protos tools assist the radiologist and are not FDA-cleared. The radiologist confirms every finding.

## Book a demo

See it on your own studies. We set up demos around the way your centre works.

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