medDARE

CASE STUDY

ADVANCING BREAST MRI AI SOLUTIONS WITH EXPERT DATA ANNOTATION

CLIENT'S PROFILE

Country: France
Size: 50+ employees
Industry focus: Developing advanced software solutions for detecting diseases in CT/MRI scans

OVERVIEW

A healthcare AI startup specializing in radiology software partnered with medDARE to strengthen its breast MRI–based diagnostic models. The client required large-scale, high-quality data annotation that would align directly with radiological reports and clinical ground truth. Precision and reliability were critical, as the annotated dataset would serve as the foundation for validating and refining the company's AI algorithms for breast cancer detection.

KEY FINDINGS

The project required annotation of **500 breast MRI cases**. Each object identified in the scans needed to be labeled according to the radiological report.

Deliverables included:

- Complete segmentation reports at project conclusion.
- Weekly progress updates to ensure transparency and alignment.
- Documentation of personnel credentials and CVs to validate expertise.

Annotation accuracy was essential, as the data would directly impact the performance of AI models in detecting and classifying breast lesions.

SOLUTIONS PROVIDED

- **Specialized Annotation Team:** Deployed a team of radiologists and trained medical annotators experienced in breast MRI segmentation.
- **Detailed Labeling:** Each identified object was segmented and labeled in line with the corresponding radiological report, ensuring clinical accuracy.
- **Transparent Communication:** Provided weekly updates and progress tracking to maintain full visibility for the client.
- **Quality Assurance:** Implemented a multi-step review process to confirm annotation consistency and correctness before submission.
- **Personnel Documentation:** Shared credentials and CVs of the team members involved to assure the client of expertise and compliance.

IMPACT

- The client received **500 fully annotated breast MRI cases**, precisely segmented and labeled, enabling more accurate model training and validation.

- The weekly updates and open communication ensured **on-time delivery and alignment with client expectations**.

- Access to personnel documentation **built trust and confidence** in the project's clinical rigor.

- The collaboration provided the client with **a reliable and scalable annotation pipeline**, strengthening their ability to bring AI-based breast cancer diagnostics closer to real-world clinical application.

CONTACT US TO LEARN MORE ABOUT MEDDARE & HOW IT CAN TRANSFORM YOUR AI PROJECT

E-mail: contact@meddare.ai
Website: www.meddare.ai