



R&D Advisory for Medical Imaging AI

I advise medical imaging AI teams during R&D to ensure that their technical decisions lead to defensible clinical conclusions.

My role is to strengthen judgement across the AI R&D lifecycle, from early framing to long-term decision continuity.

◆ **Framing & Feasibility**

Defining objectives and constraints to ensure R&D alignment with clinical reality.

◆ **Data & Project Readiness**

Identifying structural risks in data and infrastructure using proprietary protocols.

◆ **Experiment & Evaluation Strategy**

Structuring experiments to ensure interpretable and reliable results.

◆ **SOTA Review & Technical Positioning**

Translating research into actionable R&D paths tailored to your constraints.

◆ **Ongoing Advisory & Due Diligence**

Maintaining technical defensibility as projects evolve.



How I engage

VeraDP's engagement model is designed to adapt to project maturity and internal R&D structures.

I offer two primary modes of collaboration:

1. **Longitudinal R&D Advisory** A continuous strategic partnership (retainer-based) to ensure technical integrity, robust validation, and long-term defensibility of your imaging projects.
2. **Focused Technical Interventions** For specific, punctual needs, I provide high-impact formats to unblock R&D stages or secure critical milestones:

Expert session *Deep dive into specific technical issues you are facing*

SOTA review & analysis *Customized literature review focused on scalable solutions*

Data readiness evaluation *Full diagnosis & assessment of your dataset using my proprietary protocol*

Documentation *Research & Project feasibility study & final report*

Technical Due Diligence *Critical project review for fund / grant eligibility*



What This Enables

- Clearer technical positioning
- Reduced hidden downstream risk
- Stronger evaluation rigor
- Defensible performance claims
- Continuity of judgment over time

About Vera Damerjian Pieters, PhD

PhD in Computer Vision

10+ years in applied MedTech R&D

Experience at the intersection of research design, data constraints, and real-world implementation

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