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 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, constraints, and downstream implications.

- **Data & Project Readiness**

  Identifying structural risks in data and infrastructure.

- **Experiment & Evaluation Strategy**

  Structuring experiments to ensure interpretable and reliable results.

- **SOTA Review & Technical Positioning**

  Selecting and positioning methods in alignment with project constraints.

- **Ongoing Advisory & Due Diligence**

  Maintaining technical defensibility as projects evolve.

How I engage

Engagement formats depend on project maturity and internal team structure.

- Structured R&D assessments
- Data readiness and evaluation audits
- Longitudinal R&D advisory
- Independent technical due diligence

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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