Purpose

find physical biomarkers for Non-mass-like enhancing breast lesions in multiparametric Magnetic Resonance Imaging to develop novel Computer Aided Diagnosis system

Scope

to develop advanced image analysis techniques for multiparametric MRI to improve NMLE lesions, disseminate this advances trough open journals and create value through Intellectual Property

Impact

A novel CAD improving diagnosis of NMLE breast lesions in MRI will reduce medical costs and patient disconfort associated with second look examinations and biopsies

Success criteria

The project would be considered a success if:

- a multiparametric MRI evaluation framework for NMLE breast lesions is set
- potentialy highly citable articles are published
- physical biomarkers are found
- a comercializable CAD system is created

Team

- Florida State University
- Computer Vision and ROBotics
- Centre Diagnóstic - Institud Universitary Parc Taulí - UAB
- Joan Massich

Resources

- dataset of 400 patients
- oitt
- great advisors
- clinical validation
- creative candidate
- i2cvb

Evaluation Framework	Milestones: mst	Deliberable: zz

Cover the lack of standerized platform for testing breast lesions diagnosis when using multiparametric MRI.

Actions:	Risks and Alternatives:	impact:
Set the base for system evaluation	6	7

Evaluation Framework	Milestones: mi.st	Deliberable: delib.

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Actions:	Risks and Alternatives:	impact:
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