



**σ-Discover™**  
**Mammo**



**Comprehensive  
AI-based  
mammogram  
diagnosis tool**

**Bring Deep Learning  
to Intelligent Medicine**



### Advanced mammogram analysis

- ◆ Automatic detection of masses, calcifications, lymph nodes, asymmetries, and architectural distortions
- ◆ Classification of scattered and clustered calcifications
- ◆ Accurate localization, morphology, and 3D/2D measurements
- ◆ Breast composition characterization (fatty, scattered dense, heterogeneously dense, or extremely dense)



### Standard breast cancer scoring

- ◆ Automatic BI-RADS scoring mechanism
- ◆ Malignancy risk prediction



### Enhanced user experience

- ◆ Seamless integration with clinical workflow
- ◆ Localization of lesions using “clock diagram” providing intuitive viewing for clinicians

Standard BI-RADS  
scoring

“Clock diagram” for  
easy visualization



Dedicated reports

## Efficient breast cancer screening

- ◆ Improved sensitivity in detecting abnormalities in mammogram: >95% for calcifications, >90% for masses
- ◆ Reduced inter-observer variability

## Embedded in a user-friendly platform

- ◆ Integrated in the Myrian® platform workspace



## Smart reporting

- ◆ Automatic generation of customized and structured report
- ◆ One-click export to EMR/EHR systems

**CE marking & FDA clearance  
in progress**