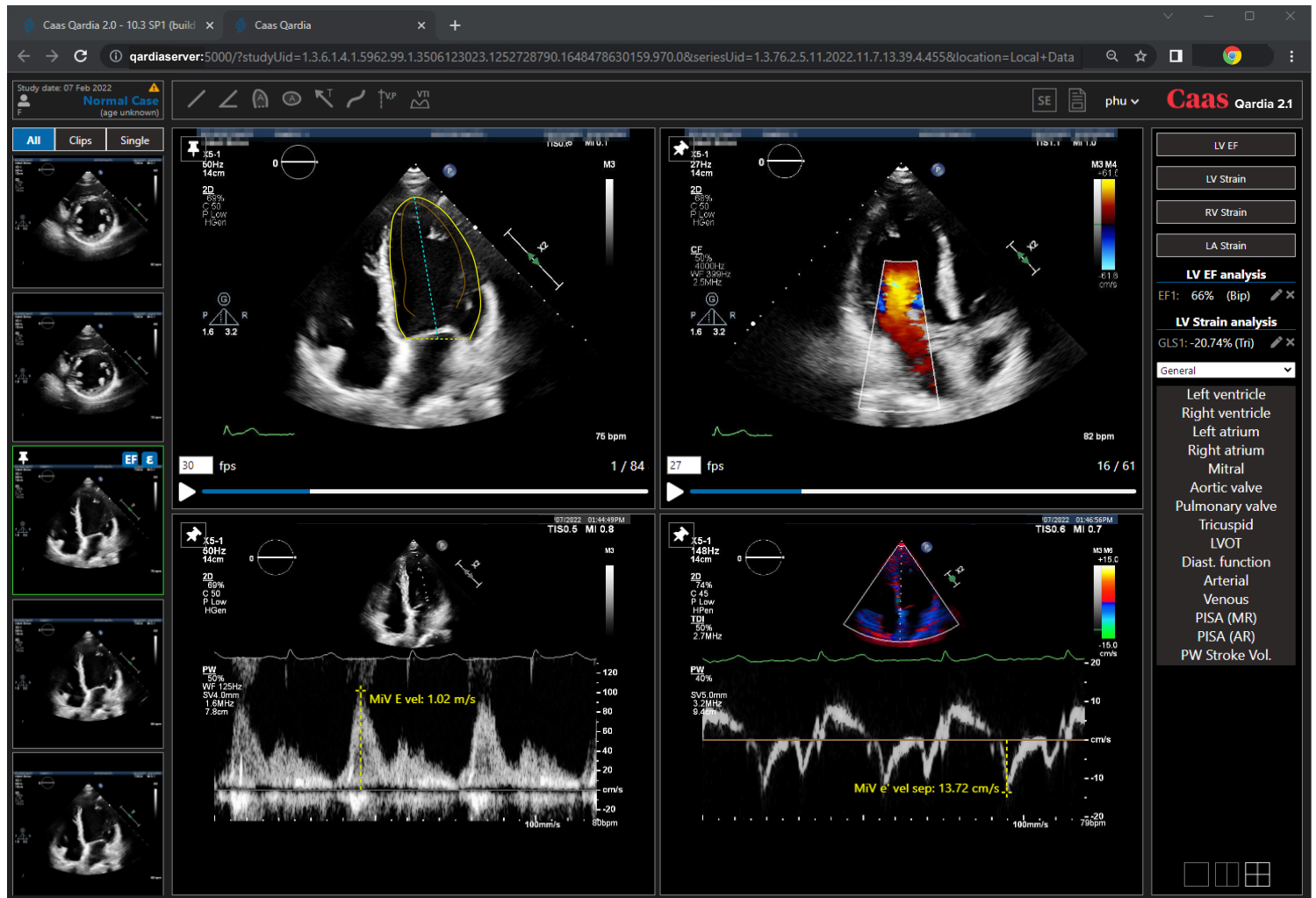


# Caas Qardia

Complete work-up of your 2D echocardiography data

- **Comprehensive reporting** according to society standards
- **Vendor-neutral:** analyze all your multi-vendor images
- **Zero-footprint:** access anywhere within the hospital environment by your webbrowser



Access by  
your web browser



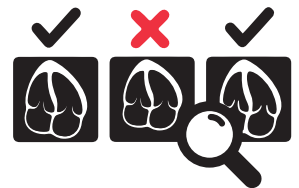
Automated  
workflows



Tailored analysis  
protocols



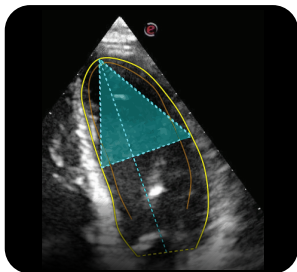
Quality  
control



# Caas Qardia

## Automated strain and ejection fraction

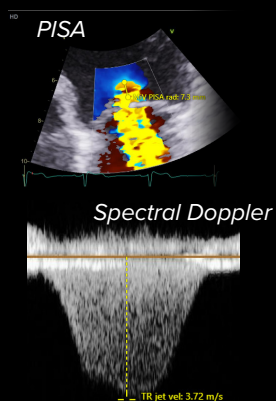
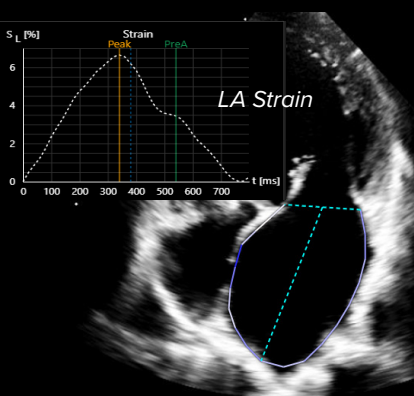
- Myocardial strain analysis (auto LV; RV and LA)
- Automated detection of region of interest for volume assessment



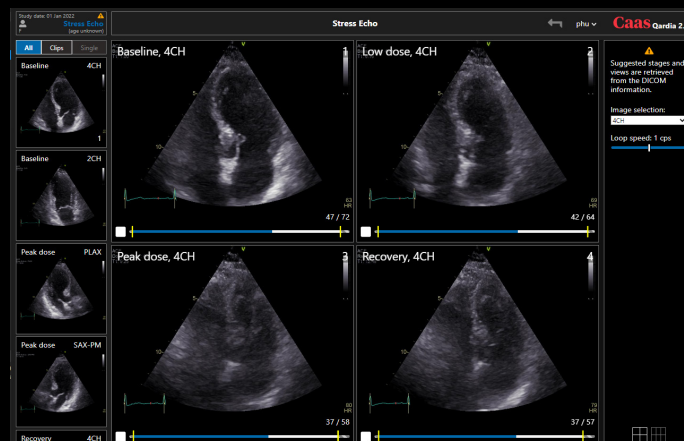
State-of-the-art accuracy  
by quality control metrics



## Your imaging challenges, our support



Key parameters for diastolic function and valve disease



Rapid synchronization of stress echo images

### Caas Qardia

LV EF

LV Strain

Echocardiography

Echocardiography

Mitral Regurgitation

Ischemic HF

Pulm. Hypertension

Right atrium

Mitral

### Diast. function

✓ MiV E vel

M1: 1.02 m/s

✓ MiV A vel

M1: 0.39 m/s

DT

✓ MiV e' vel lat

M1: 5.76 cm/s

MiV a' vel lat

✓ MiV e' vel sep

M1: 3.51 cm/s

MiV a' vel sep

LA length(A4C)

Cookbook style protocols customized to your needs

### Report Information

Creation date: Sep 05, 2022

Institution name: Pie Medical Imaging

Institution address: Philipsweg 1 Maastricht

Department name: Caas Qard

Analyst name: phu

SOP: Echocardiography

### Study Information

Name: Normal C

Date of birth: -

Accession number: Caas Qard

Height: 180 cm

Weight: 70 kg

Sonographer: -

Referring physician: -

### LV Strain Analysis - Global Results

Result	Meas 1	Meas 2	Meas 3	Meas 4	Meas 5	Median
GLS Avg (%)	-19.15	-18.81	-19.55	-	-	-19.15
GLS A4C (%)	-18.44	-20.01	-19.04	-	-	-19.04
GLS A4C (%)	-19.81	-16.68	-19.58	-	-	-19.58
GLS A4C (%)	-19.20	-19.75	-20.02	-	-	-19.75
Index	Peak	Peak Systolic (Auto)	Peak	-	-	-
Time To Peak Avg (ms)	377	357	378	-	-	377

### Longitudinal Displacement

Result	Meas 1	Meas 2	Meas 3	Meas 4	Meas 5	Median
Displacement Avg (mm)	8.32	8.04	8.28	-	-	8.28
Index	Peak	Peak Systolic (Auto)	Peak	-	-	-
Time To Peak Avg (ms)	366	357	367	-	-	366

Concise reporting pushed to your PACS system



Pie Medical Imaging develops, produces and sells products in accordance with international accepted standards. CAAS Qardia is FDA 510(k) cleared and MDR compliant (CE marked). 0123

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