

Caas Qardia

Caas Qardia offers a complete work-up of your 2D transthoracic echocardiography studies.

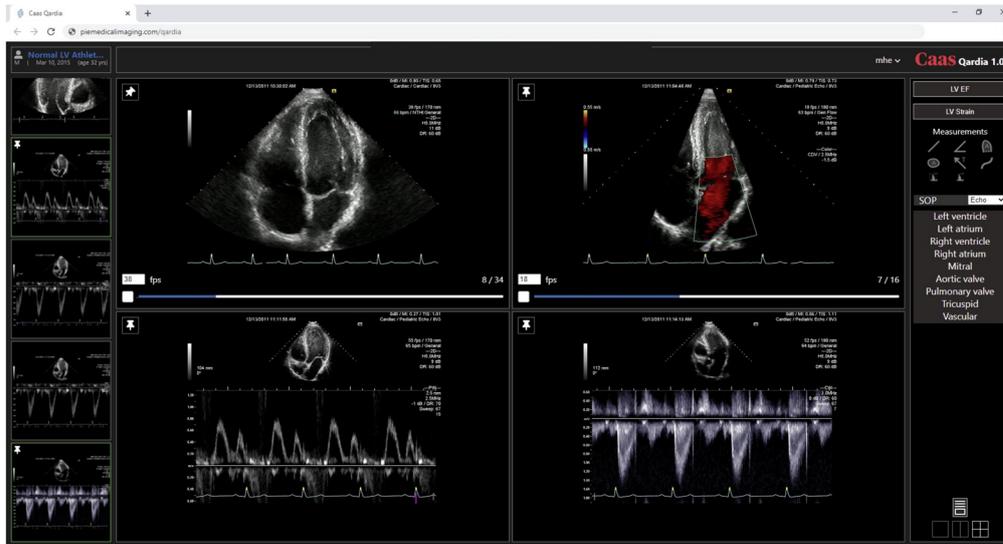
- **Advanced analysis functionalities** including myocardial strain analysis.
- **Comprehensive reporting** according to the ASE and EACVI standards.^[1,2]
- **Vendor-neutral:** analyze all your multi-vendor data.
- **Zero-footprint:** access via web-browser anywhere in the hospital.

Why choose a zero-footprint application?



- Versatility.... analyze echo studies wherever you are
- Lean and simple.... while maintaining performance and image quality^[3]
- Easy maintenance.... centralize upgrade management

Review

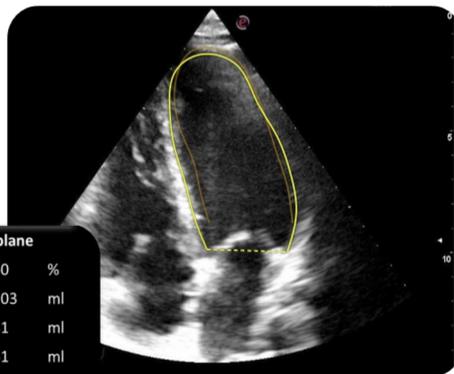


- ✓ PACS connectivity.
- ✓ Playback echo-loops at the acquired frame rate (up to 250 fps supported).
- ✓ Supports Chrome, Edge, Firefox, and Safari.

Quantification

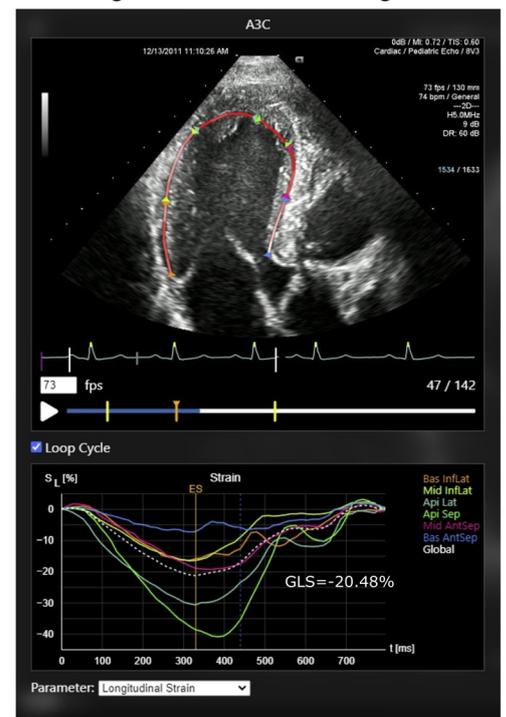
Left ventricular functional assessment

Biplane		
EF	60	%
EDV	103	ml
ESV	41	ml
SV	61	ml
SV/BSA	33.9	ml/m ²
CO	4.2	l/min



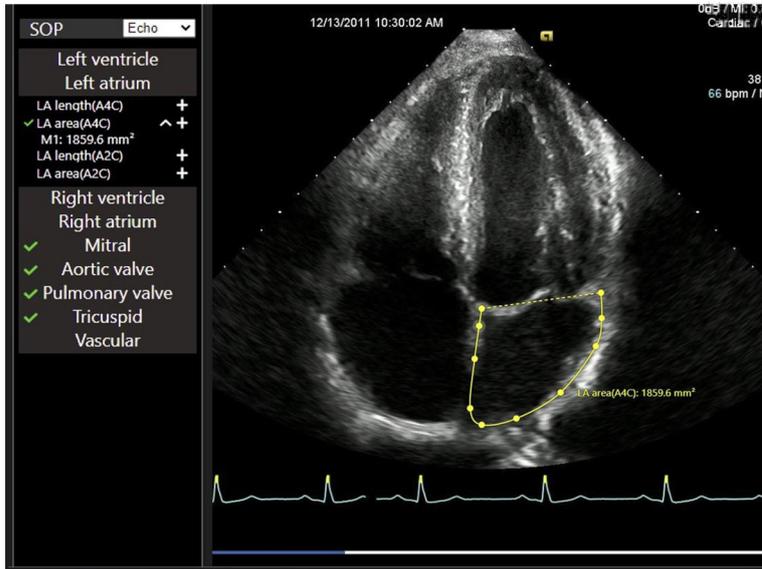
Monoplane or biplane volumetric analysis

Myocardial strain analysis

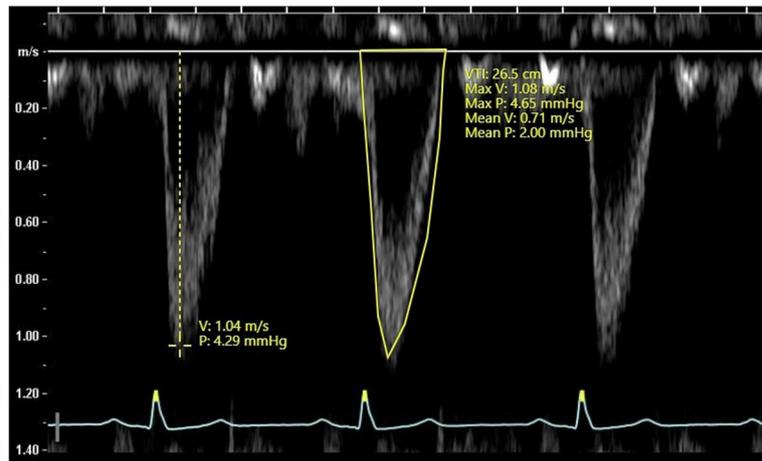


Measurement protocol guidance

- Perform complete chamber and valve quantifications in an easy way.
- Full support for 2D, Doppler, and M-mode images.



- ✓ Switch between measured value and annotated image.
- ✓ Add or customize measurements.



Reporting

Report Information	
Creation date:	Feb 19, 2021
Institution name:	Pie Medical Imaging
Institution address:	Philipsweg 1, Maastricht
Department name:	PM
Analyst name:	mhe
Study Information	
Name:	Normal LV Athlete, TTE / SC200
Date of birth:	Jan 31, 1983 (age 32 yrs)
Accession number:	-
Height:	205 cm
Weight:	82 kg
Sonographer:	JCM
Referring physician:	-
Indication:	Healthy volunteer
Gender:	Male
Patient ID:	2D STRAIN
BSA:	2.22 m ² (Du Bois)
Study date:	Mar 10, 2015
Location:	
Clinical History	
Summary	

- ✓ Push to PACS.
- ✓ Session state allows for tracking every analysis step. Open to revise or check previous analysis work.
- ✓ DICOM Structured Reporting

- [1]: Lang, R. et al. 2015 Eur Heart J Cardiovasc Imaging 16(3), 233-271
- [2]: Galderisi, M. et al. 2017 Eur Heart J Cardiovasc Imaging 18(12), 1301-1310
- [3]: Karson, T. H. et al. 1995. JASE 8(3), 306-318.

Quality assurance:

Pie Medical Imaging develops, produces and sells products in accordance with internationally accepted standards. Caas Qardia is CE marked and FDA 510(k) cleared