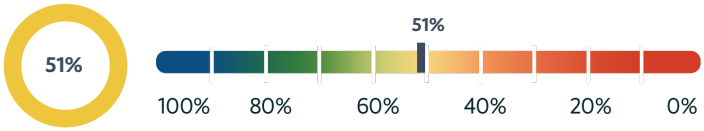
MyoStrain® Report

LV Dysfunctional Segments [1]
(37/37 Segments Analyzed)

Number of Segments (>-10%)	5
Number of Segments (>-17%)	18

Number of LV dysfunctional segments, which is used to calculate the MyoHealth™ Score

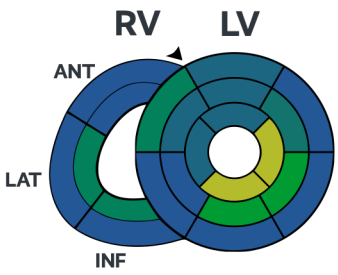
MyoHealth™ (% Normal Segments ≤ -17%) [2]



The MyoHealth™ Score is reported based on the number of normal LV segments divided by the total LV segments analyzed

Longitudinal MyoStrain values are calculated for each segment of the LV & RV

Longitudinal MyoStrain



	Basal		Mid		Apical	
LV	Anterior	-14%	Anterior	-12.8%	Anterior	-8.4%
	Anteroseptal	-15.4%	Anteroseptal	-19.2%	Septal	-17.5%
	Inferoseptal	-19.1%	Inferoseptal	-19.2%	Inferior	-17.7%
	Inferior	-22.2%	Inferior	-16.4%	Lateral	-15.9%
	Inferolateral	-21.4%	Inferolateral	-20.4%		
	Anterolateral	-20.4%	Anterolateral	-16.6%		
RV	Anterior	-19%	Anterior	-18.7%		
	Lateral	-23.1%	Lateral	-22.9%		
	Inferior	-19.1%	Inferior	-19.9%		

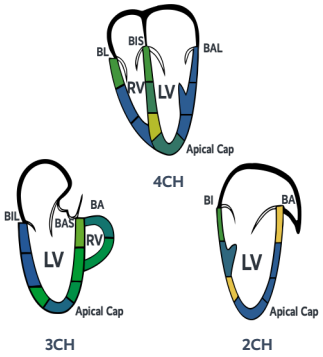
Color-coded representation of segmental MyoStrain values

Segments > -17% are identified in **bold**

Segments > -10% are identified in **red**

Circumferential MyoStrain values are calculated for each segment of the LV & RV

Circumferential MyoStrain



	3CH		4CH		2CH	
LV	Basal anterior	-18.8%	Basal inferoseptum	-13.6%	Basal inferior	-13.1%
	Mid inferolateral	-19.4%	Mid inferoseptum	-15.8%	Mid inferior	-17.8%
	Apical lateral	-14.9%	Apical septum	-7.6%	Apical inferior	-5.3%
	Apical cap	-18%	Apical cap	-16.2%	Apical cap	-22.7%
	Apical anterior	-15.6%	Apical lateral	-18.7%	Apical anterior	-25.9%
	Mid anteroseptum	-11%	Mid anterolateral	-26.1%	Mid anterior	-23.8%
	Basal anteroseptum	-9.7%	Basal anterolateral	-24.5%	Basal anterior	-6.3%
RV	Basal anterior	-17%	Basal lateral	-12.6%		
	Mid anterior	-15.4%	Mid lateral	-21.1%		
			Inferior lateral	-21.7%		

Color-coded representation of segmental MyoStrain values

Global MyoStrain®	Result	Normal [2]
MyoStrain (GLS) LV	-17%	(<-17)
MyoStrain (GCS) LV	**-16.5%**	(<-17)
MyoStrain (GLS) RV	-20.4%	(<-17)
MyoStrain (GCS) RV	-17.3%	(<-17)

Global MyoStrain data for the LV & RV

Traditional Measurements	Result	Index	Normal [3]
LVEF	59.5%	--	(53-74)
LV Mass	85.5 g	**48.03**	(39-75)
LVED Volume	153.3 ml	86.12	(53-99)
LVES Volume	62 ml	34.83	(15-40)
LV Stroke Volume	91.3 ml	51.29	(35-63)

Traditional measurements for evaluating cardiac function

1. Neizel M, et al., Circ Cardiovasc Imaging. 2009;2(2): 116-122 | 2. Korosoglou, G et al. J Am Coll Cardiol Cardiovasc Imaging. Jan 13, 2021. DOI: 10.1016/j.jcmg.2020.10.024 | 3. Y. Zhan et al., Journal of Cardiovascular Magnetic Resonance, vol. 18, n. 1, p. O75, 2016/01/27 2016.