

# ECHO-DOPPLER

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STATUS OPEN

LAST MODIFICATION: 22 NOV 2021 14:23:37

LAST NAME

FIRST NAME

BIRTH DATE

AGE

GENDER

HEIGHT

WEIGHT

EXAM DATE

22 NOV 2021

OPERATOR

## DOPPLER

### MITRAL

MIT FVI :	0.15	m	PEAK V-E :	0.59	m/s	PEAK V-A :	0.70	m/s
PEAK GR E :	1.4	mmHg	PEAK GR A :	2.0	mmHg	MIT Vmn :	0.45	m/s
MIT Gmn :	0.9	mmHg	E/A MITR :	0.84		E ACC TIM :	52	ms

### MITRAL TV

PEAK V-E' :	-0.07	m/s	PEAK V-A' :	-0.12	m/s	MIT E/A' :	0.57	
MIT E/E' :	-8.67							

### AO EFFECT VALVE AREA

LVOT VEL : -0.75 m/s

### LVOT FLOW PROFILE

LVOT FLOW :	0.15	m	LVOT Vmn :	-0.54	m/s	LVOT Gmn :	1.3	mmHg
LVOT VEL :	-0.75	m/s	LVOT Gp :	2.2	mmHg			

### CARDIAC OUTPUT-LVOT

R-R INT :	701	ms	HR :	86	bpm	STR VOL :	57.1	ml
CAR OUT :	4.88	l/min						

## B-MODE

### EF (AREA-LENGTH)

DIA AREA :	28.77	cm <sup>2</sup>	DIA AXISI :	78.2	mm	DIA VOL :	89.8	ml
SYS AREA :	15.17	cm <sup>2</sup>	SYS AXISI :	63.3	mm	SYS VOL :	30.8	ml
EF :	66	%	STR VOL :	59.0	ml			

### LV OUTFLOW TRACT

LVOT DIAM :	22.3	mm	LVOT A(d) :	3.89	cm <sup>2</sup>
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## M-MODE

### LEFT VENTRICLE

RV DIAM d :	10.9	mm	IVS dia :	8.3	mm	LVD dia :	43.5	mm
PW dia :	8.0	mm	IVS sys :	10.5	mm	LVD sys :	27.9	mm
PW sys :	11.6	mm	EF :	66	%	FRACT SH :	36	%
SEP THICK :	26	%	PW THICK :	45	%	LV MASS :	124	g

### AORTA/LEFT ATRIUM

AO DIAM :	27.6	mm	LA :	33.0	mm	LA/AO DIA :	1.20	
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#### CONCLUSIONS:

RHYTHM IS SINUS 86/min. LV WITHOUT REGIONAL WALL MOTION ABNORMALITIES. NORMAL CARDIAC OUTPUT WITH NORMAL LV AND RV OUTFOLW TRACTS.

NORMAL LV AND RV DIMENSIONS AND CONTRACTILITY. LV EF 66% MILD GRADE 1 DIASTOLIC DYSFUNCTION

NO VALVULAR ABNORMALITIES. NORMAL RA AND LA DIMENSTIONS.

23 Nov 2021 19:55:20

X

Clinical



51-year old female after recent breast surgery for malignancy. Referred for cardiac evaluation and Echo prior to commencing chemotherapy.

No symptoms referable to cardiorespiratory systems.

BP 130/85. HR 86/min regular. No heart murmur. Lungs clear. No oedema.

ECG: Normal.

ECHO: No regional wall motion abnormalities of LV.

No pericardial effusion. Normal LV dimension 44 mm and systolic function EF 66%.

Normal filling pressures, no pulmonary hypertension.

IVC not dilated. No haemodynamically significant valve abnormality.

Normal aortic root.

Report sent to Oncology Department.

  
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LIMASSOL - CYPRUS

NO PERICARDIAL EFFUSION. NORMAL AORTIC ROOT AND IVC.

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