

Preliminary

Study ID: 440647



TRANSTHORACIC ECHOCARDIOGRAM Report

Patient Name: Test_patient Study Date:

Patient ID:

Birth Date:

Gender:

Height:

Weight:

Ordering Physician:

Performed By:

Indication:

BSA:

Summary

Predictions

MitraClip

ONE MITRACLIP IS SEEN ON THE ANTERIOR AND POSTERIOR LEAFLETS OF THE MITRAL VALVE.

TWO MITRACLIPS ARE SEEN ON THE ANTERIOR AND POSTERIOR LEAFLETS OF THE MITRAL VALVE.

Impella

AN IMPELLA CATHETER IS SEEN ACROSS THE AORTIC VALVE AND IS TOO CLOSE TO OR ENTANGLED IN THE PAPILLARY MUSCLE AND SUBANNULAR STRUCTURES SURROUNDING THE MITRAL VALVE; REPOSITIONING RECOMMENDED.

AN IMPELLA CATHETER IS SEEN AND THE INLET AREA IS 4.0CM FROM THE AORTIC VALVE AND DOES NOT INTERFERE WITH NEIGHBORING STRUCTURES, CONSISTENT WITH CORRECT IMPELLA POSITIONING. THERE IS DENSE TURBULENT COLOR FLOW ABOVE THE AORTIC VALVE, CONSISTENT WITH CORRECT OUTFLOW AREA POSITION

Severe Left Ventricle Dilation

SEVERE DILATED LEFT VENTRICLE.

SEVERE DILATED LEFT VENTRICLE BY VOLUME.

Moderate Left Ventricle Dilation

MODERATE DILATED LEFT VENTRICLE.

MODERATE DILATED LEFT VENTRICLE BY VOLUME.

Mild Left Ventricle Dilation

MILD DILATED LEFT VENTRICLE.

MILD DILATED LEFT VENTRICLE BY VOLUME.

Significantly Elevated Right Atrial Pressure

THE INFERIOR VENA CAVA DEMONSTRATES NO INSPIRATORY COLLAPSE, CONSISTENT WITH SIGNIFICANTLY ELEVATED RIGHT ATRIAL PRESSURE (>15MMHG).

Normal Right Atrial Pressure

THE INFERIOR VENA CAVA SHOWS A NORMAL RESPIRATORY COLLAPSE CONSISTENT WITH NORMAL RIGHT ATRIAL PRESSURE (3MMHG).

Detected Conditions

- Severe Right Ventricle Size
- Moderate Right Ventricle Size
- Mild Right Ventricle Size
- Severe Left Atrium Size
- Moderate Left Atrium Size
- Mild Left Atrium Size
- Severe Right Atrium Size
- Moderate Right Atrium Size
- Mild Right Atrium Size

Predicted Values

Predicted Value for ejection_fraction: 34.900001525878906

Closest Matching Prompt for ejection_fraction: THE LEFT VENTRICULAR EJECTION FRACTION IS ESTIMATED TO BE tensor(35)%

Predicted Value for pulmonary_artery_pressure: 6.650000095367432

Closest Matching Prompt for pulmonary_artery_pressure: ESTIMATED PA SYSTOLIC PRESSURE IS tensor(7)MMHG.