

David's Mobile Ultrasound Services

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Name: PEARCE, TRICK
ID: 20250208-144511-A89F
DOB: 11/23/2020 Age: 4 Years
Gender: Male

Adult Cardiac 1
Exam Date: 02/08/2025
Ref. Physician: CARTER
Equipment Used: MINDRAY Z60
Operator: DAVID

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M Measurements

Dimensions

LA/Ao(M)

LA Diam: 2.38cm

Ao Diam: 2.02cm

LA/Ao: 1.18

ACS: 1.19cm

Ventricle Volume

Gibson(M)

IVSd: 0.95cm

LVIDd: 3.29cm

LVPWd: 0.75cm

IVSs: 0.87cm

LVIDs: 2.50cm

LVPWs: 0.75cm

HR: 133Bpm

EDV(Gibson): 51.73ml

ESV(Gibson): 22.95ml

SV(Gibson): 28.78ml

EF(Gibson): 55.63%

CO(Gibson): 3.827L/min

FS(Gibson): 24.10%

Mitral Valve

MV E-F Slope: 9.18cm/s

MV A Amp: 1.55cm

MV E Amp: 2.18cm

Doppler Measurements

Mitral Valve

MV E Vel: 98.83cm/s

MV E PG: 3.91mmHg

MV A Vel: 67.58cm/s

MV A PG: 1.83mmHg

MV E/A: 1.46

MV VTI

MV Vmax: 90.11cm/s

MV PGmax: 3.25mmHg

MV Vmean: 31.88cm/s

MV PGmean: 0.93mmHg

MV VTI: 11.09cm

MV θ : 0°



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MV PHT

MV PHT: 0.164s

MVA(PHT): 1.34cm²

Aortic

LVOT Vmax: 172.03cm/s

LVOT PGmax: 11.84mmHg

LVOT VTI

LVOT Vmax: 172.03cm/s

LVOT PGmax: 11.84mmHg

LVOT Vmean: 105.78cm/s

LVOT PGmean: 5.40mmHg

LVOT VTI: 17.77cm

LVOT θ : 0°

AV Vmax: 153.13cm/s

AV PGmax: 9.38mmHg

AV VTI

AV Vmax: 262.51cm/s

AV PGmax: 27.57mmHg

AV Vmean: 96.78cm/s

AV PGmean: 5.22mmHg

AV VTI: 20.52cm

AV θ : 0°

Tricuspid Valve

TV Vmax: 80.54cm/s

TV PGmax: 2.59mmHg

TV VTI

TV Vmax: 72.59cm/s

TV PGmax: 2.11mmHg

TV Vmean: 30.52cm/s

TV PGmean: 0.69mmHg

TV VTI: 12.21cm

TV θ : 0°

Pulmonary Valve

RVOT Vmax: 95.92cm/s

RVOT PGmax: 3.68mmHg

RVOT VTI

RVOT Vmax: 106.82cm/s

RVOT PGmax: 4.56mmHg

RVOT Vmean: 51.83cm/s

RVOT PGmean: 1.79mmHg

RVOT VTI: 10.57cm

RVOT θ : 0°

PV Vmax: 129.34cm/s

PV PGmax: 6.69mmHg

PV VTI

PV Vmax: 191.84cm/s

PV PGmax: 14.72mmHg

PV Vmean: 78.18cm/s

PV PGmean: 4.03mmHg

PV VTI: 15.01cm

PV θ : 0°



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TDI Measurements

MV E/A

MV E Vel: 98.83cm/s

Comments:

Signature(seal):

Date Signed: