

David's Mobile Ultrasound Services

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Name: PEARCE, LOTTIE
ID: 20231216-171052-A89F
DOB: 12/06/2021 Age: 2 Years
Gender: Female

Dog Adult Cardiac
Exam Date: 12/16/2023
Ref. Physician: SIGDESTAD
Equipment Used: MINDRAY Z60
Operator: DAVID

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M Measurements

Dimensions

LA/Ao(M)

LA Diam: 2.78cm

Ao Diam: 1.98cm

LA/Ao: 1.40

ACS: 1.15cm

RVAWd: 0.40cm

RVDd: 1.55cm

Ventricle Volume

Teichholz(M)

HR: 157Bpm

Gibson(M)

IVSd: 0.63cm

LVIDd: 4.44cm

LVPWd: 0.75cm

IVSs: 1.19cm

LVIDs: 3.25cm

LVPWs: 1.11cm

HR: 120Bpm

EDV(Gibson): 105.82ml

ESV(Gibson): 43.63ml

SV(Gibson): 62.18ml

EF(Gibson): 58.77%

CO(Gibson): 7.462L/min

FS(Gibson): 26.79%

Mitral Valve

MV E-F Slope: 11.44cm/s

MV A Amp: 1.98cm

MV E Amp: 2.66cm

Doppler Measurements

Mitral Valve

MV E Vel: 112.24cm/s

MV E PG: 5.04mmHg

MV A Vel: 77.84cm/s

MV A PG: 2.42mmHg

MV E/A: 1.44



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MV VTI

MV Vmax: 97.75cm/s

MV Vmean: 34.92cm/s

MV VTI: 16.48cm

MV PGmax: 3.82mmHg

MV PGmean: 1.12mmHg

MV θ : 0°

MV PHT

MV PHT: 0.176s

MVA(PHT): 1.25cm²

Aortic

AV Vmax: 144.82cm/s

AV PGmax: 8.39mmHg

AV VTI

AV Vmax: 200.03cm/s

AV Vmean: 69.86cm/s

AV VTI: 17.88cm

AV PGmax: 16.01mmHg

AV PGmean: 3.14mmHg

AV θ : 0°

Tricuspid Valve

TV Vmax: 62.45cm/s

TV PGmax: 1.56mmHg

TV VTI

TV Vmax: 51.59cm/s

TV Vmean: 24.91cm/s

TV VTI: 11.86cm

TV PGmax: 1.06mmHg

TV PGmean: 0.58mmHg

TV θ : 0°

Pulmonary Valve

RVOT Vmax: 110.43cm/s

RVOT PGmax: 4.88mmHg

RVOT VTI

RVOT Vmax: 112.24cm/s

RVOT Vmean: 45.99cm/s

RVOT VTI: 12.33cm

RVOT PGmax: 5.04mmHg

RVOT PGmean: 1.85mmHg

RVOT θ : 0°

TDI Measurements

MV E/A

MV E Vel: 112.24cm/s



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Comments:

Signature(seal):

Date Signed: