

Name Pearl, Mr. David Scott  
Patient Id 102019888  
Sex Male  
Birthdate 16/01/1963  
Age 57 years  
Referring Physician

Date 10/11/2020  
Time 17.03  
Height  
Weight 72.8 kg  
BSA 1.74 m<sup>2</sup>  
BP 105/66  
Cardiologist: Supawat Ratanapo, ( MD code 269764)

<u>2D</u>		<u>M-Mode</u>		<u>Doppler</u>	
LVOT Diam	2.00 cm	IVSd	1.28 cm	MV E Vel	1.08 m/s
AVA Planimetry	1.35 cm <sup>2</sup>	LVIDd	4.63 cm	MV DecT	187.57 ms
AVA Planimetry	0.777 cm <sup>2</sup> /m <sup>2</sup>	LVPWd	1.21 cm	MV Dec Slope	5.76 m/s <sup>2</sup>
LVLd A4C	8.53 cm	IVSs	1.46 cm	MV A Vel	0.59 m/s
LVEDV MOD A4C	94.65 ml	LVIDs	2.63 cm	MV E/A Ratio	1.82
LVLs A4C	6.77 cm	LVPWs	1.38 cm	MV PHT	54.39 ms
LVESV MOD A4C	21.63 ml	EDV(Teich)	98.89 ml	MVA By PHT	4.04 cm <sup>2</sup>
LVEF MOD A4C	77.15 %	ESV(Teich)	25.24 ml	E'	0.06 m/s
SV MOD A4C	73.02 ml	EF(Teich)	74.47 %	E/E'	16.83
LVLd A2C	9.26 cm	%FS	43.28 %	LVOT Vmax	1.43 m/s
LVEDV MOD A2C	58.77 ml	SV(Teich)	73.65 ml	LVOT Vmean	1.04 m/s
LVLs A2C	7.08 cm	Ao Diam	3.06 cm	LVOT maxPG	8.16 mmHg
LVESV MOD A2C	14.99 ml	LA Diam	4.51 cm	LVOT meanPG	4.77 mmHg
LVEF MOD A2C	74.50 %	AV Cusp	1.42 cm	LVOT Env.TI	299.88 ms
SV MOD A2C	43.78 ml	LA/Ao	1.48	LVOT VTI	31.22 cm
EF Biplane	76.20 %	RVIDd	2.03 cm	HR	56.54 BPM
LVEDV MOD BP	76.77 ml	RVIDs	2.07 cm	AV Vmax	3.47 m/s
LVESV MOD BP	18.27 ml	IVC Max	2.148 cm	AV Vmean	2.58 m/s
LALs A4C	5.41 cm	IVC Min	0.976 cm	AV maxPG	48.24 mmHg
LAA A4C	16.77 cm <sup>2</sup>	IVC Collapse	54.545 %	AV meanPG	28.87 mmHg
LAESV A-L A4C	44.18 ml			AV Env.TI	321.41 ms
LAESV MOD A4C	42.39 ml			AV VTI	82.82 cm
LALs A2C	6.02 cm			HR	55.52 BPM
LAA A2C	20.42 cm <sup>2</sup>			AVA Vmax	1.29 cm <sup>2</sup>
LAESV A-L A2C	58.81 ml			AVA (VTI)	1.19 cm <sup>2</sup>
LAESV MOD A2C	57.95 ml			AVAI (VTI)	0.681 cm <sup>2</sup> /m <sup>2</sup>
LAESV(A-L)	53.79 ml			AVAI Vmax	0.742 cm <sup>2</sup> /m <sup>2</sup>
LAESV Index (A-L)	30.91 ml/m <sup>2</sup>			DAo Vmax	1.24 m/s
				DAo maxPG	6.16 mmHg
				AR Vmax	4.49 m/s
				AR maxPG	80.70 mmHg
				AR PHT	519.94 ms
				AR Dec Time	1792 ms
				AR Dec Slope	2.51 m/s <sup>2</sup>
				PV Vmax	0.97 m/s
				PV maxPG	3.80 mmHg
				PR Vmax	1.24 m/s
				PR maxPG	6.13 mmHg
				mPAP (Abbas)	16.132 mmHg
				PAEDP	13.13 mmHg
				PRend Vmax	0.89 m/s
				PRend PG	3.13 mmHg
				mPAP (sys+dias)	19.45 mmHg
				TR Vmax	2.35 m/s
				TR maxPG	22.07 mmHg
				mPAP (sys+dias)	19.45 mmHg
				RAP	10.00 mmHg
				RVSP	32.07 mmHg



12 NOV 2020

รับรองสำเนาถูกต้อง  
Certified Correct  
Photocopy from Original

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Sex Male Height  
Birthdate 16/01/1963 Weight 72.8 kg  
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Referring Physician BP 105/66  
Cardiologist: Supawat Ratanapo, ( MD code 259764)

### Echo Summary

Echocardiogram quality: adequate

Baseline rhythm during exam: sinus bradycardia rate 55 bpm.

1. Normal LV size and mild LVH. Normal LV systolic function with LVEF 70-75 % without RWMA.
2. Abnormal LV diastolic function with pseudonormal pattern
3. Normal RV size and function.
4. LAE
5. Calcified AV (likely tricuspid valve) with moderate AS (increased Vmax from 3.37 to 3.64 m/s and increased mean PG from 26.09 to 28.87 mmHg, mild AR, mild MR, trace TR.
6. RVSP= 32 mmHg
7. No pericardial effusion.
8. Normal great vessel size and no dissection seen
9. No thrombus, vegetation, and foreign object were noted.

  
Supawat Ratanapo, ( MD code  
259764)



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Name **Pearl, Mr. David Scott**

Date **10/11/2020**

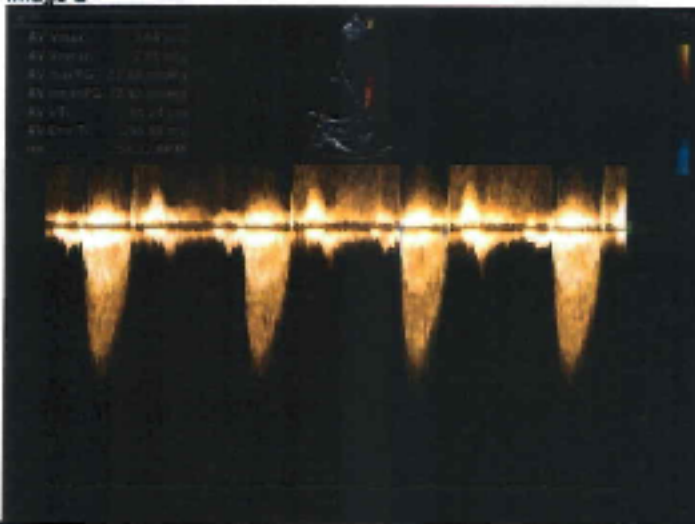
Patient Id: **102019888**

Diagnosis Dr. **Supawat Ratanapo, ( MD code 259764)**

Image 1



Image 2



Name Pearl, Mr. David Scott

Patient Id: 102019888

Date 10/11/2020

Diagnosis Dr. Supawat Ratanapo,( MD code  
259764)

Image 1



Image 2



Image 3



Image 4

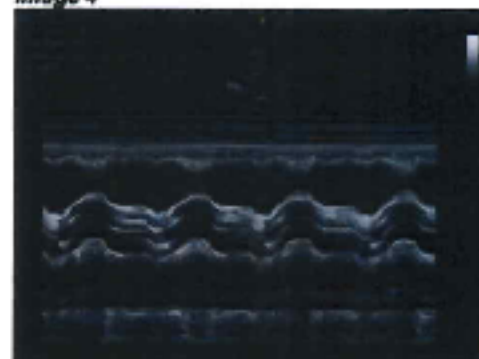


Image 5



Image 6



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Image 1



Image 2



Image 3



Image 4

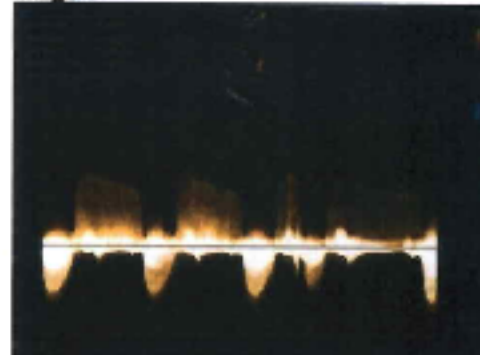


Image 5

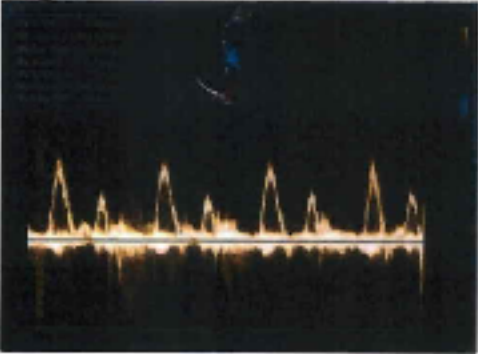
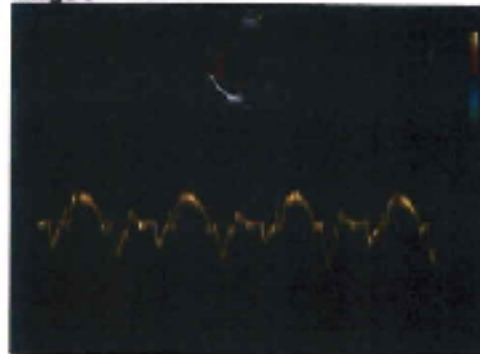


Image 6



Bumrungrad  
International

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Certified Correct  
Photocopy from Original



14B 1

ID: 102019888

10-Nov-2020 16:51:21

BUMRUNGRAD INTERNATIONAL

57 years  
Male

Vent. rate 67 bpm  
PR interval 180 ms  
QRS duration 92 ms  
QT/QTc 430/454 ms  
P-R-T axes 83 73 60

Normal sinus rhythm  
Normal ECG

Mr. David Scott Pearl

HR: 102019898  
DOB: 16-Jan-1963  
Sex: Male  
Age: 57

*[Handwritten signature]*  
Anoj  
254788

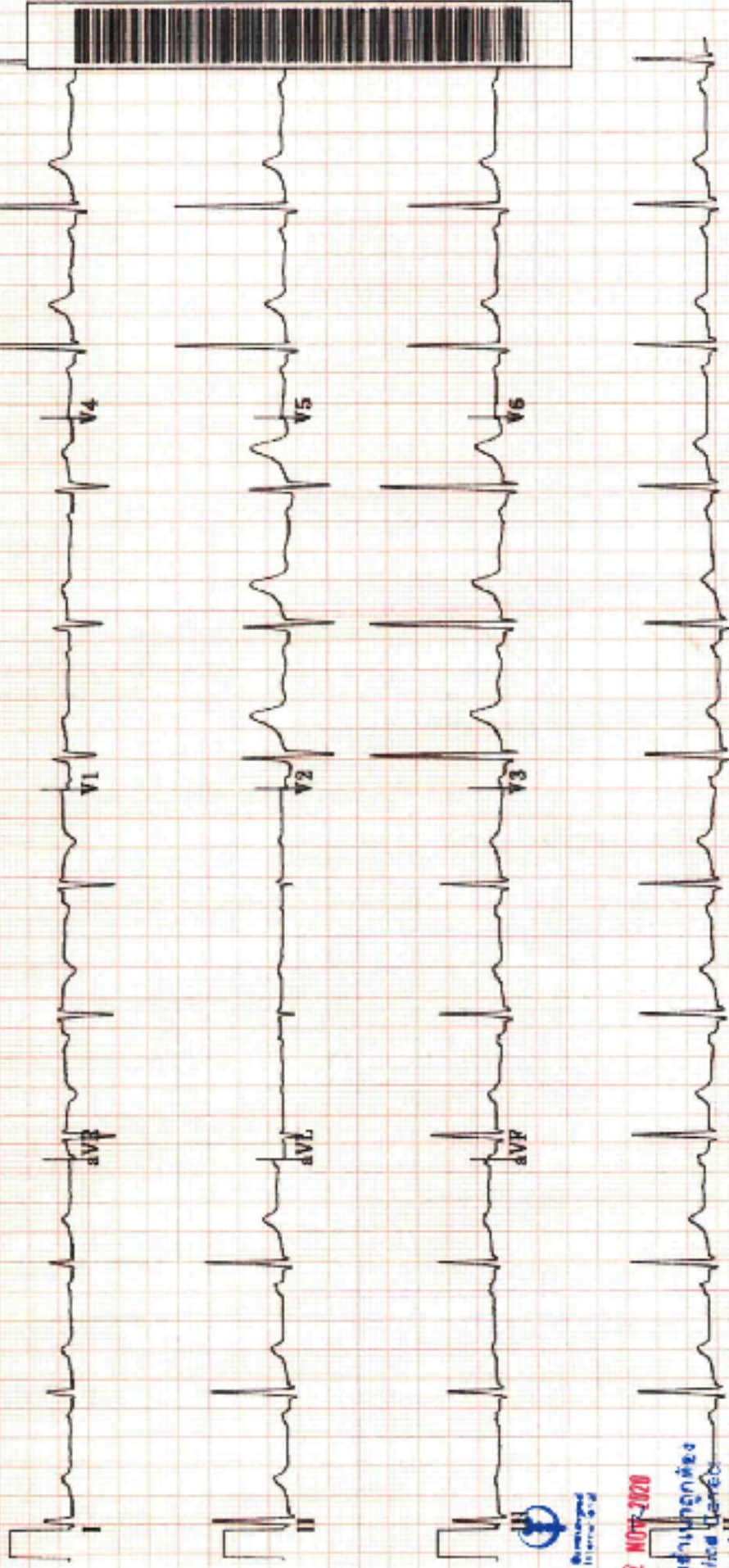
Technician: BN

FIRST NAME:

LAST NAME:

Reviewed by:

Referred by:



12 NOV 2020

Kusumthungnatee  
Culita Uan-Eb  
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40 Hz 25.0 mm/s 10.0 mm/mV

4 by 2.5s + 1 rhythm ld

MAC55 010B

II 12SL™ v241