

CARDIAC DEPARTMENT - BRISTOL ROYAL INFIRMARYCARDIAC CATHETERISATION

NAME: GARETH ECCLESHARE AGE: 8yr9mths DOB: 25 7 75 HOSPITAL No: 1178793

CATHETER No: 10037 DATE: 30 4 84 OPERATOR: HSJ CONSULTANT: HSJ

DIAGNOSIS: Situs solitus with isolated dextrocardia.
Tricuspid atresia.
Acquired pulmonary atresia.
Right Blalock-Taussig shunt.
Transposition of great arteries.

PROCEDURE: GA and spontaneous ventilation. (Dr P Thornton). Percutaneous catheterisation of LRV. No 6 GL catheter to R-sided IVC, R-sided RA, RSVC and L brachiocephalic vein for angio. Samples from RSVC to RA and IVC. Advanced to L-sided LA and via mitral valve to LV situated laterally on R and to L sided Ao arch and descent. Samples and pressures from Ao to LV, LA and RA. No 6 NIH catheter for angios in Ao and LV. Uneventful study apart from self-limiting bouts of SVT and an episode of coupling with bradycardia.

PRESSURES: (mmHg)

<u>SITE</u>	<u>S/D</u>	<u>MEAN</u>	<u>COMMENT</u>
1 LV	100/10-20		Elevated D.
2 Desc to asc Ao	93/60 to 97/65	80	
3 Ao to LV	96/60 to 96/10-25		No gradient.
4 LV to LA	-/10-20 to a=20	18	No gradient.
5 LA to RA	a=20, v=18 x=15, y=14 to va = 23, x=16	17 17	Dominant R wave. Similar pressures - both elevated. SVT.
6 ECG			
7 Aortogram			
8 LV	110/17-30		Elevated D.
9 LV angios			
10 LV	104/16-33		Elevated D.
11 LVD	-/16-33		

SAMPLES:

<u>TIME</u>	<u>NO</u>	<u>SITE</u>	<u>SAT%</u>	<u>VOL%</u>
2.30	A	1 SVC	50	14.86
		2 RA Mid	52	15.48
		3 IVC	48	14.28
	B	4 Desc Ao	63	18.74
		5 LV	66	19.64
		6 LA	61	18.15
		7 RA (PFO)	55	16.36

HEIGHT: 119.5 cms WEIGHT: 22.1 kgs BSA: 0.85 m²
Hb: 22.2 g/dl O₂CAP: 29.75 ml/dl O₂UPTAKE: 136 cc/min