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Your ref

Our ref

Please ask for

29th November 1991

Dear Dr Sullivan

Amy WAGSTAFF - d.o.b. 30.08.91.

DIAGNOSIS: Tetralogy of Fallot

Thank you for asking me to see this 5 month old girl who was first noted to have a cardiac murmur at 2 days of age. She was a somewhat difficult feeder initially but seems to be making good progress. She has not been noticed to be cyanosed. She is the second child in the family and there is no family history of congenital heart disease.

On examination she looked acyanotic. Her peripheral pulses were normal. There was a long harsh probably ejection murmur at the lower left sternal border radiating up to the pulmonary area and through to the back. The second sound was single.

ECG shows sinus rhythm with an axis of  $+135^\circ$ . There is right ventricular hypertrophy. Chest X-ray shows an upturned apex consistent with right ventricular hypertrophy and relatively normal lung fields.

An echocardiographic examination today confirmed my clinical impression that she has tetralogy of Fallot. The aorta over-rides the ventricular septum by approximately 50% and there was a large malalignment ventricular septal defect. There is subvalve and valvar PS with a small pulmonary anulus at about 5 mms and a small main pulmonary artery but quite good branch pulmonary arteries. RPA diameter 5.5 mms, LPA diameter 6.5 mms. The aortic arch is right sided.

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