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February 19, 2015

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Firth, Aiden

DOB: 6/2/05

Date: 2/19/15

Dear Trish,

A 24 hr Holter recording was performed on 2/19/2015. The heart rate varied between 43 and 92 BPM, mean 53 BPM ($z = -3.1$ range 64.8 - 108.9 for age.) There appears to be an attenuated or reduced circadian variability - with awake HRs mostly in the 60-70's range, asleep HR in the 40-50's range. Cardiac rhythm was probably predominantly junctional in nature (sinus node dysfunction with junctional escape rhythm, accelerated junctional rhythm,) - with junctional rhythm that alternated with an ectopic atrial rhythm at lower HRs. There was apparent recovery of sinus node function at faster HRs (i.e., sinus rhythm noted at his maximum recorded HR in the low 90s). There were occasional ectopic atrial premature beats (< 1 % of total heartbeats) and rare ventricular premature beats (<< 1% of total heartbeats) - without any ventricular couplets/triplets or runs of atrial- or ventricular- tachycardia seen. There was no third degree AV block seen. There were no symptoms reported.

This is a stable exam compared to his last Holter study (done Feb 2014).

Sincerely,



M. Victoria T. Tantengco, MD

cc: Family

cc: Gerald Marx, MD

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