

Variable	No Arrhythmia N=350	Arrhythmia N=150	P value
<b>Suspected Arrhythmia</b>			
Yes	54 (15.43%)	43 (28.66%)	<0.0001
<b>Chest pain</b>			
Yes	63 (18.00%)	11 (7.33%)	0.002
<b>Breath hold</b>			
Yes	45 (12.86%)	12 (8.00%)	0.12
<b>Palpitation</b>			
Yes	53 (15.14%)	9 (6.00%)	0.004
<b>Tachycardia</b>			
Yes	41 (11.71%)	27 (18.00%)	0.06
<b>Post cardiac cath.</b>			
Yes	42 (12.00%)	17 (11.33%)	0.83

**Table (1):** Cause of referral for ECG in children with or without arrhythmia:  
Student t test , Pearson Chi square, Pearson correlation test

ECG finding	Number (%)
Sinus tachycardia	30 (20%)
WPW	10 (6.67%)
1 <sup>st</sup> degree heart block	10 (6.67%)
Junctional ectopics	8 (5.33%)
Complete heart block	7(4.66%)
Lateral infarction	6 (4.00%)
Complete right bundle branch block	5 (3.33%)
Long QT	10 (6.66%)
Ventricular ectopics	2(4.66%)
Wandering atrial pacemaker	3 (2.00%)
Junctional & Atrial ectopics	4 (2.66%)
2 <sup>nd</sup> degree heart block	2 (1.33%)
Sinus bradycardia	2 (1.33%)
Atrial fibrillation	2 (1.33%)
Atrial flutter	1 (0.67%)

**Table (2):** Distribution of causes of referral for ECG:

Management	Number (%)
Follow up	82 (54.66%)
Antifailure treatment	14 (9.33%)
For Holter	17(11.33%)
Admitted in hospital for cordarone loading & maintenance	9 (6%)
Surgical correction of (AS , PS)	4 (2.67%)
Antivenome for scorpion & Lasix & prazosin	3 (2.00%)
CT Angio	4 (2.67%)
Referral for pacemaker	4(2.67%)
Admission in PICU & receive cordarone not improved &DC shock	2 (1.33%)
Admission in PICU received cordarone ,condition recur	3(2%)
Antiplatelet	2 (1.33%)
Management of hypertension	1 (0.66%)
Inderal	4 (2.67%)
Ablation of upper crista focus of atrium	1 (0.66%)
Antifailure treatment & Admission in hospital for inotropic support	2 (1.33%)
Correct of hypoglycemia	2(1.33%)
Surgical correction of atrial aneurysm	1 (0.66%)

**Table (3):** Management of patients with arrhythmia: