**Supplementary Tables**

Supplementary Table 1- Causes of referral for echocardiography and follow-up decision after echocardiography among hospital-based individuals

|  |  |
| --- | --- |
|   | **Values, n (%)** |
| Total subjects | 73 |
| Causes of referral for echocardiography |  |
|  Murmur  | 29 (39.7%) |
|  Palpitation | 11 (15%) |
|  Chest pain with or without dyspnea and palpitation  | 9 (12.3%) |
|  Cyanosis with or without dyspnea and murmur  | 6 (8.2%) |
|  Murmur + Palpitation | 4 (5.5%) |
|  First-degree relative with CHD | 3 (4.1%) |
|  Dyspnea | 3 (4.1%)  |
|  Cardiomegaly on CXR | 2 (2.8%) |
|  Hypertension | 2 (2.7%) |
|  Fatigue + Bradycardia | 1 (1.4%) |
|  Syncope | 1 (1.4%) |
|  First-degree relative with SCD | 1 (1.4%) |
|  Drug poisoning | 1 (1.4%) |
| Follow-up decision after echocardiography |  |
|  No follow-up | 6 (8.2%) |
|  Follow-up visits | 47 (64.4%) |
|  Cardiac catheterization | 15 (20.5%) |
|  Heart rhythm holter + Exercise stress test | 2 (2.7%) |
|  Referral to other specialties | 2 (2.7%) |
|  Other imaging modalities  | 1 (1.4%) |

CHD = congenital heart disease; CXR = chest x-ray; SCD = sudden cardiac death

Supplementary Table 2- Diagnostic accuracy for more than mild regurgitation among hospital- and school-based individuals

|  |  |  |
| --- | --- | --- |
|  | **Sensitivity %****(95% CI)** | **Specificity %****(95% CI)** |
| AV regurgitation (NL vs. Abnormal)\* |  |  |
|  Hospital | 100 (63 – 100) | 100 (94.5 – 100) |
|  School | NA | NA |
| MV regurgitation (NL vs. Abnormal)\* |  |  |
|  Hospital | 100 (78.8 – 100) | 100 (93.9 – 100) |
|  School | 100 (29.2 – 100) | 99.3 (96.1 – 99.9) |

CI = confidence interval; AV = aortic valve; NL = normal; MV = mitral valve

\* Abnormal was defined as greater than mild regurgitation