Introduction: Arrhythmias may occur at any age. Although, children with arrhythmias experience no specific symptoms. Some abnormal clinical finding will orient to diagnosis measure. The most common arrhythmias occur in pediatric cardiac intensive care unit. Beside arrhythmias associated with congenital heart disease, surgery repair, electrolytes and acid-bas imbalance; arrhythmias can also occur in children without structural heart disease.

Methods: There are 13 cases of cardiac arrhythmias registered in 3 hospitals in Cambodia including: 5 cases of tachyarrhythmias were ablated by radiofrequency, 7 cases of AV bloc were implanted the pacemaker, 1 case of AV bloc and long QT syndrome was implanted ICD.

Result: All the cases of device implantation were implantation successfully in collaboration with cardiac surgeons.

Conclusion: Pediatric cardiac arrhythmias were found infrequently. The tachyarrhythmias were ablated and cured and the bradyarrhythmias were implanted the devices.