Abstract Submission

Title

Complications following Pacemaker Implantation

Background/Introduction

Pacemaker-related complications pose a considerable burden on patients and cause significant morbidity and mortality. Therefore, a reduction in the number of complications or their early detection Is of utmost importance. Analysis of the number and type of device related complications observed locally could inspire proposals to implement strategies that would reduce complication rates.

Purpose

The aim of this audit is to review the pacemaker complications from 01/01/2017 to 02/02/2021 and identify the incidence rate of lead complications, infections and generator complications.

Methods

Data was gathered from CVIS and the various complications were listed. The results were laid out in the form of a table and a pie chart.

Results

Out of a total of x number of pacemaker implantations performed during the analysed timeframe, a total of 49 device-related complications were documented.

lead problems			
	RA	6	12%
	RV	35	71%
	Bot LV and RV	1	2%
	LV	1	2%
infection		5	10%
ill fitting generator		1	2%

Conclusion(s)

In conclusion, pacemaker complications are quite rare. However, complications result in significant mortality and morbidity. Early detection of such complications is of utmost importance. The use of home monitoring can help detect complications early and is especially important for those who are pacemaker-dependent.

Proper documentation after regular pacemaker checks may also help the clinician follow up the patient's history and monitor any complications that may arise.

These measures may significantly reduce morbidity and mortality in the future.