

# IMCR in patients under 18 years old

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## 1 Design Study Objectives

Population: N = 119 patients under 18 years old with either a CE ring implant, a Band implant or neither of those implants.

Proposals:

- For patients with **< 26mm (small size) CE ring**, there is a higher chance of relapse (which leads to re-operation/redo) due to mitral stenosis (MS).
- For patients with **band**, there is a higher chance of relapse due to mitral regurgiation (MR)

Aim: to determine whether the above proposals are true by comparing the MS rate and the MR rate between the Band and CE ring groups in the population.

Outcome variable: Redo reason (qualitative information)

- 3 levels
  - 0 - “NONE”
  - 1 - “MS”
  - 2 - “MR”

Potential method used : Logistic regression (to be confirmed)

## 2 Descriptive Statistics

### 2.1 Flow chart of the study

### 2.2 About the data

Hover over the pie slices for more information.