

Surgery for Heart Disease in Women- A Descriptive Study

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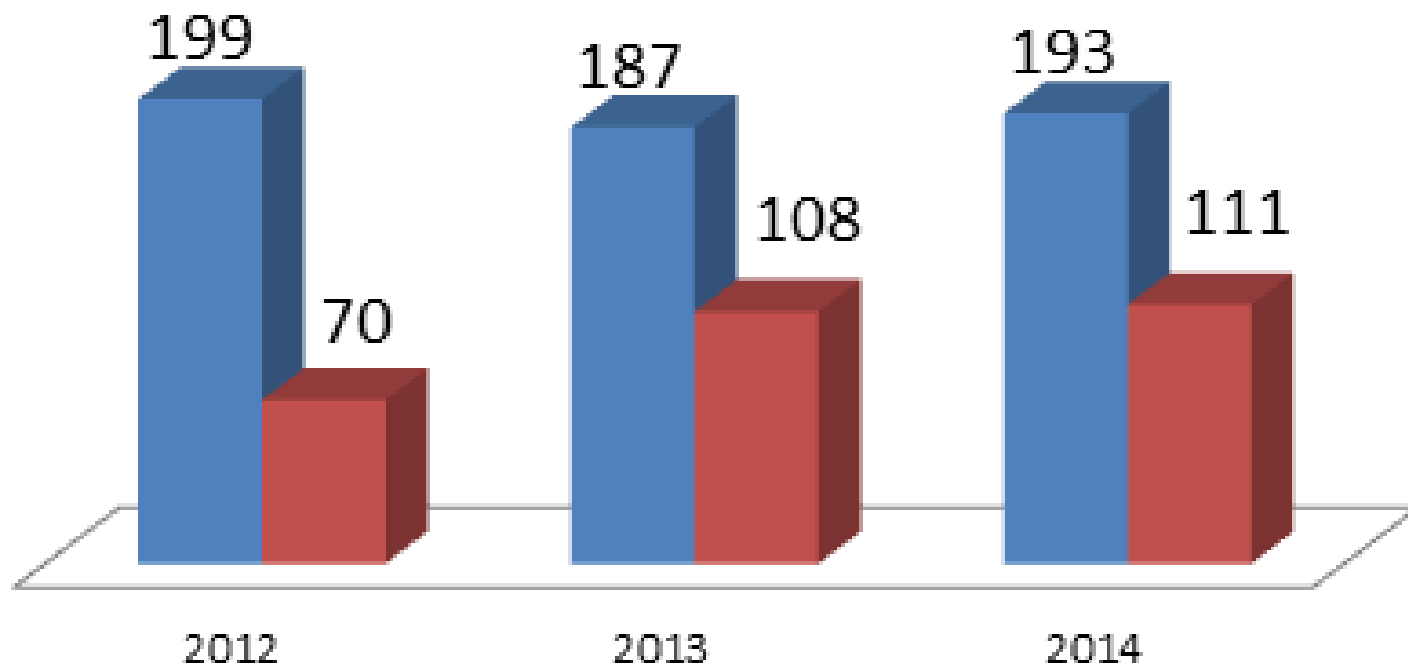


- Worldwide, 8.6 million women die from heart disease each year, accounting for a third of all deaths in women.
- Three million women die from myocardial infarction each year.
- Rheumatic heart disease still remains the commonest heart disease in Indian women.
- But ischemic heart disease is also rising in women.

- This is a three year retrospective study of cardiac surgical procedures done in women of all age groups from January 2012 to December 2014 at Nizam's Institute of Medical Sciences.
- The clinical, investigational, postoperative data are collected and evaluated.

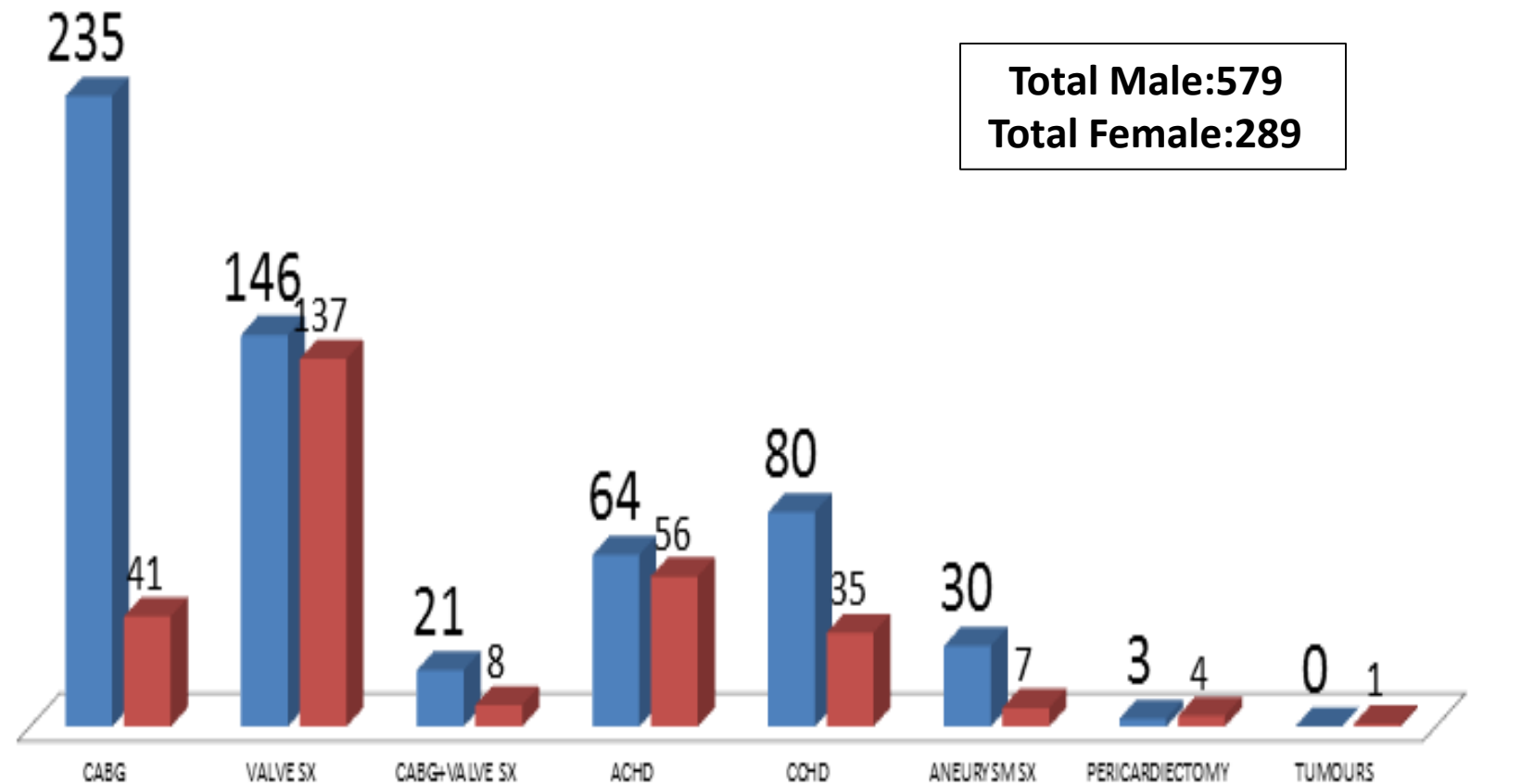
YEAR WISE DISTRIBUTION

MALE FEMALE



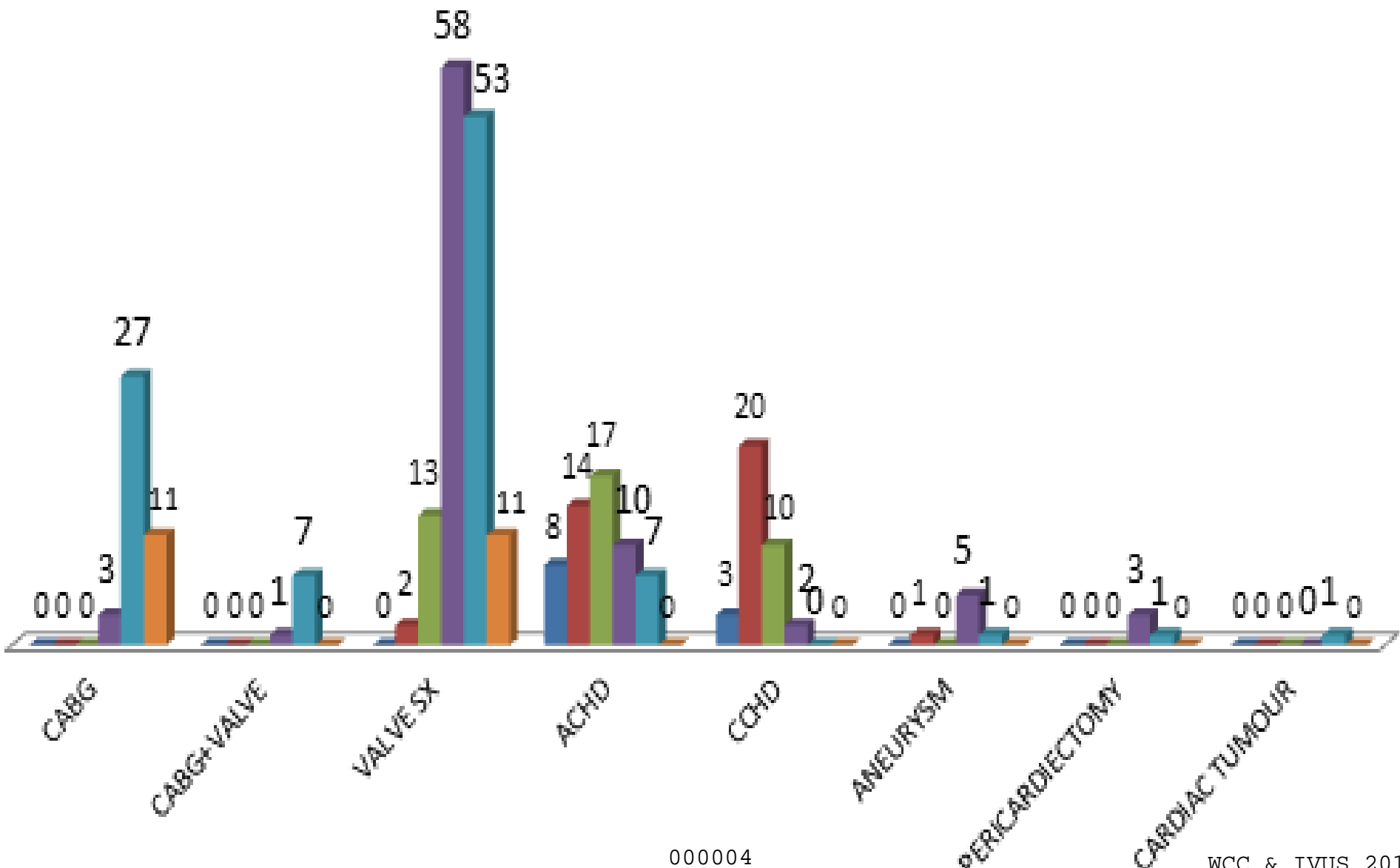
CARDIAC SURGERIES-SEX DISTRIBUTION

■ NO OF MALE ■ NO OF FEMALE



AGE DISTRIBUTION

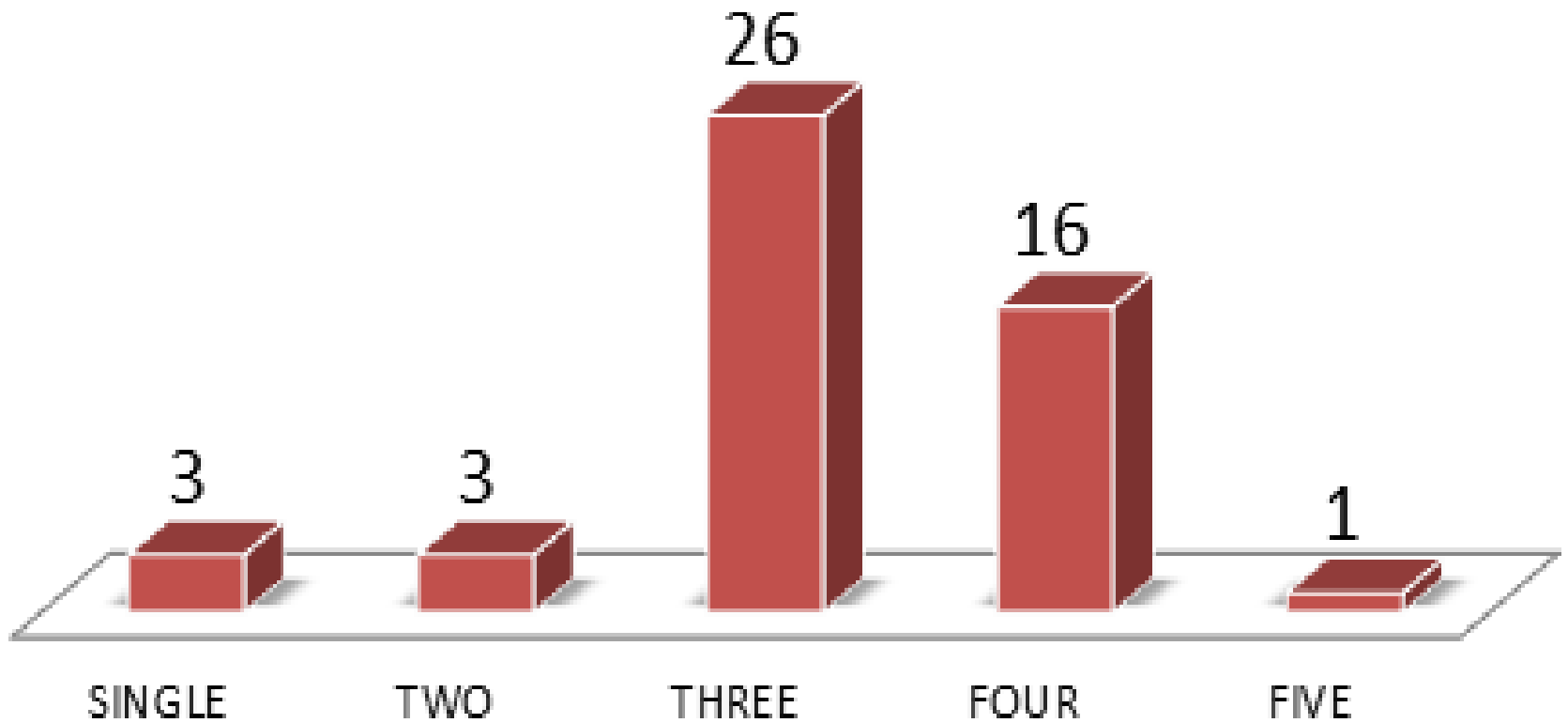
■ 0-1 YR
 ■ 1-10 YR
 ■ 11-20 YR
 ■ 21-40 YR
 ■ 41-60 YR
 ■ 61-80 YR



NO OF GRAFTS IN CABG

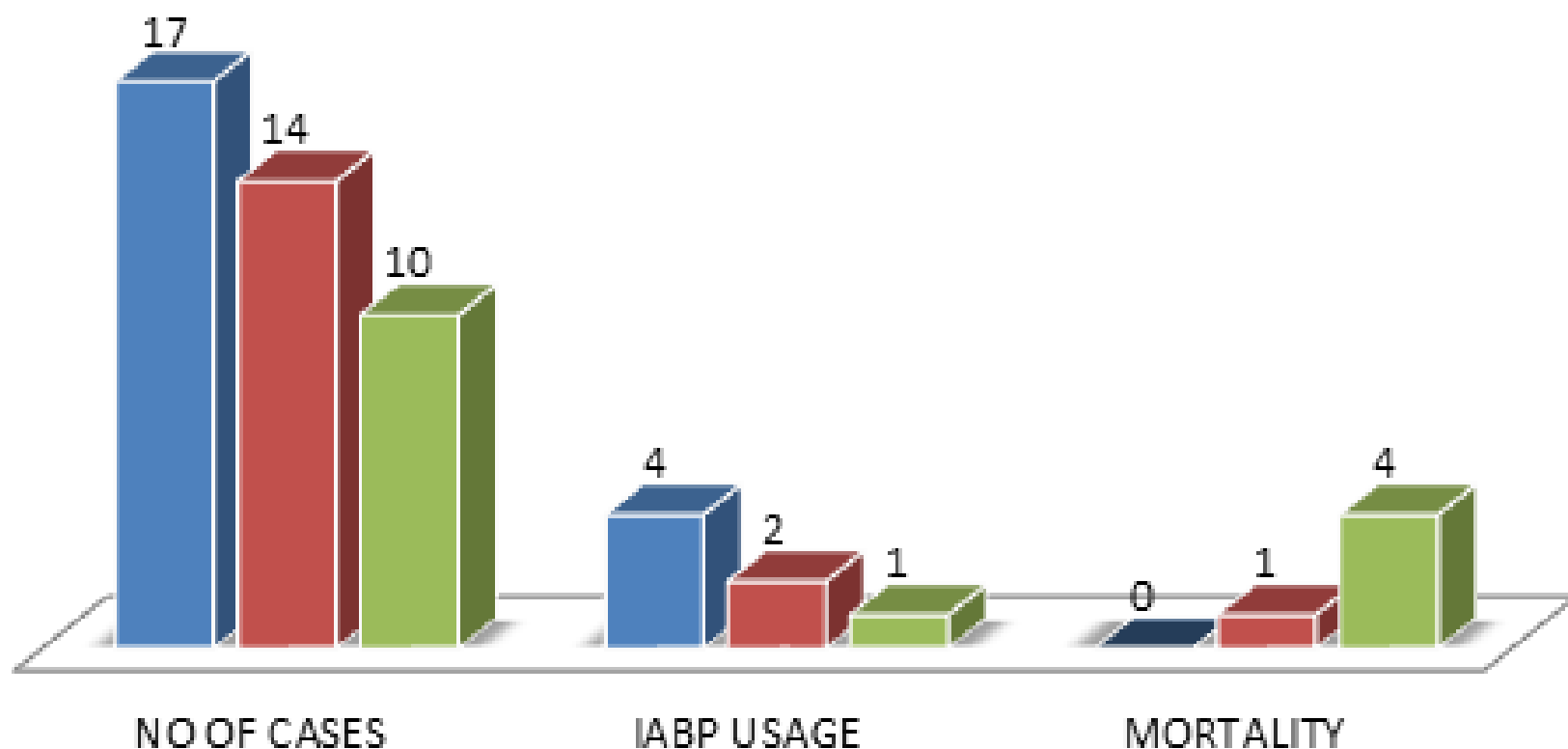
■ NO OF CASES

TOTAL CASES:49



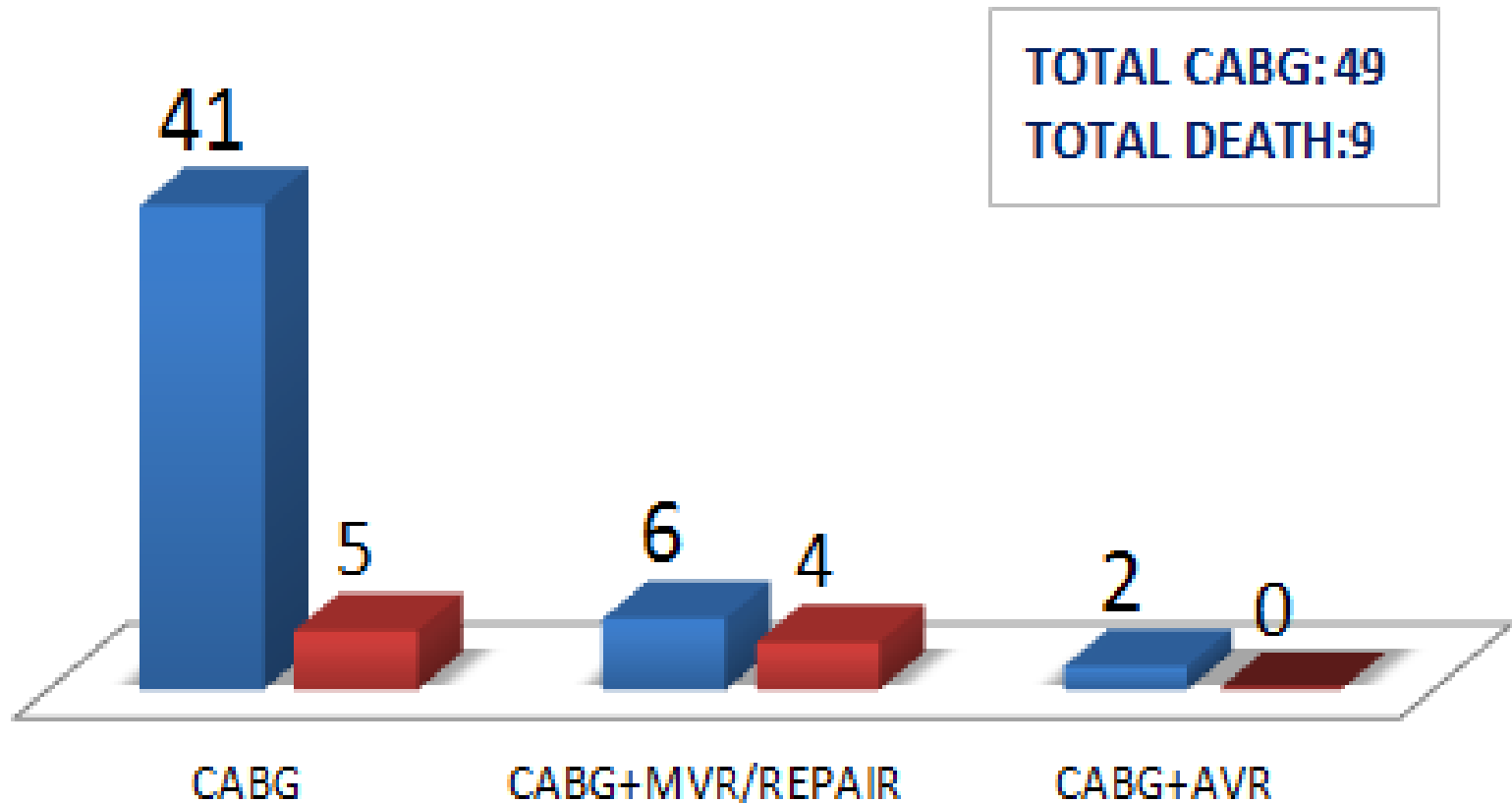
LV FUNCTION vs IABP vs MORTALITY

■ GOOD LV FUNCTION ■ MOD LV DYSFUNCTION ■ SEV LV DYSFUNCTION

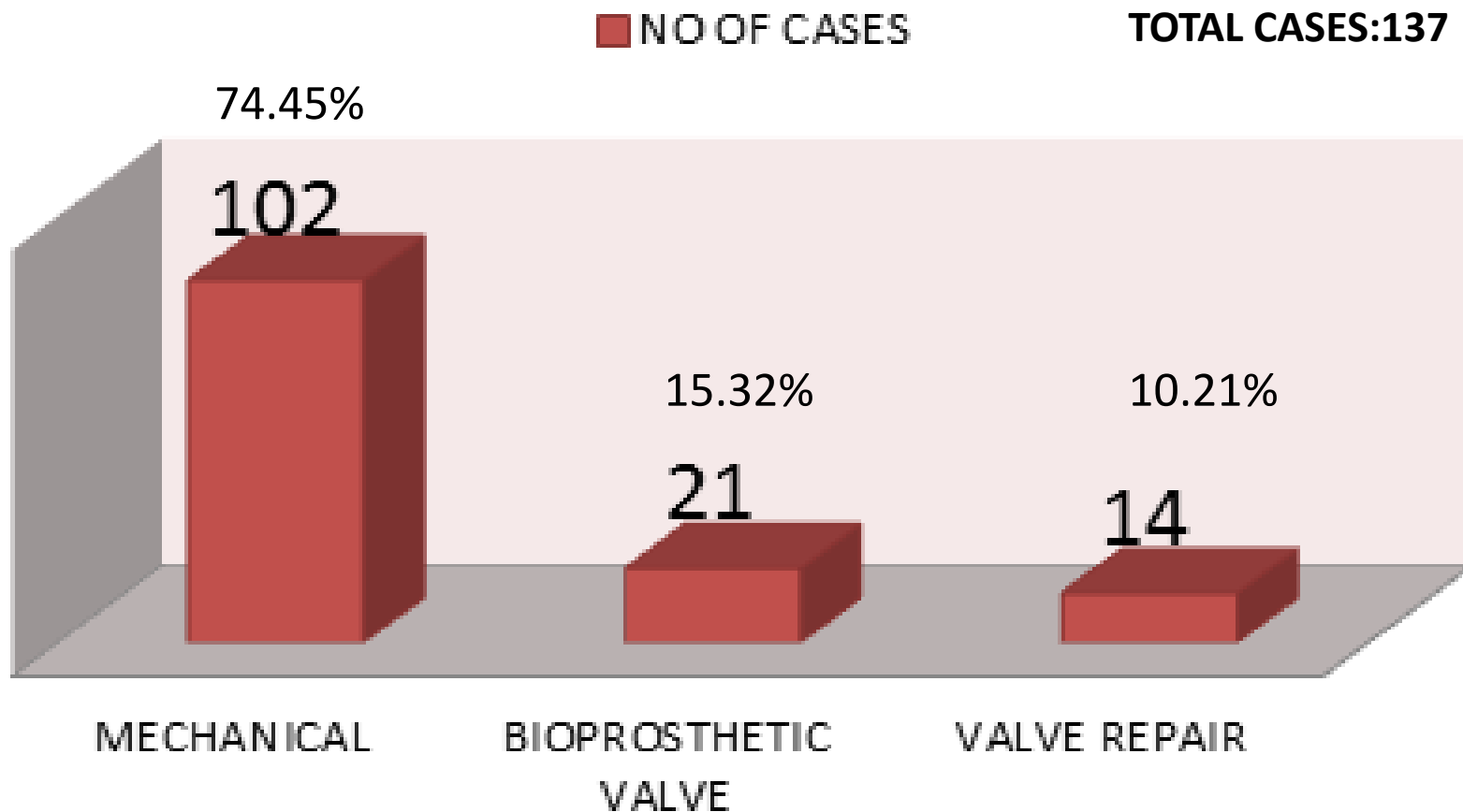


CABG& VALVE SURGERY-THEIR MORTALITY

■ NO OF CASES ■ MORTALITY

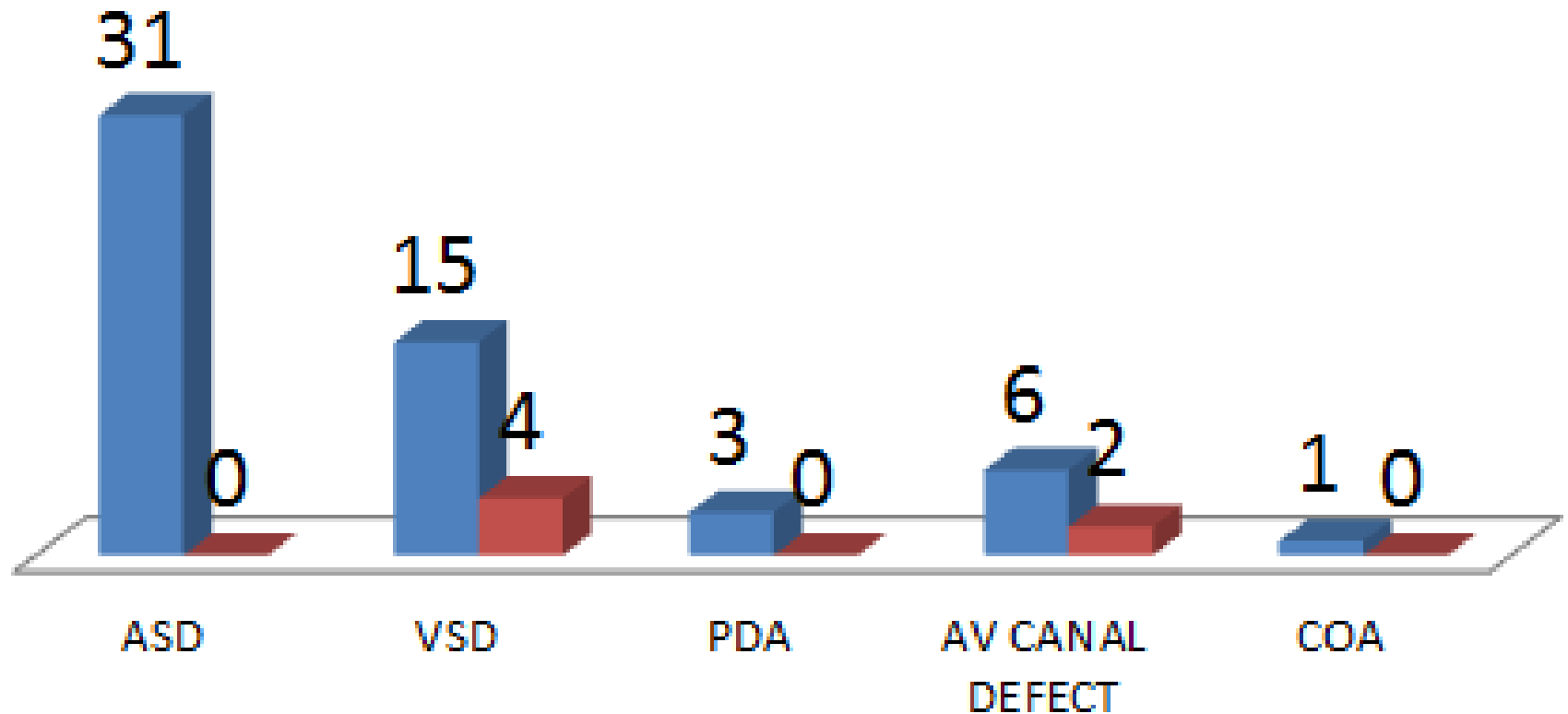


TYPES OF VALVE SURGERIES DONE



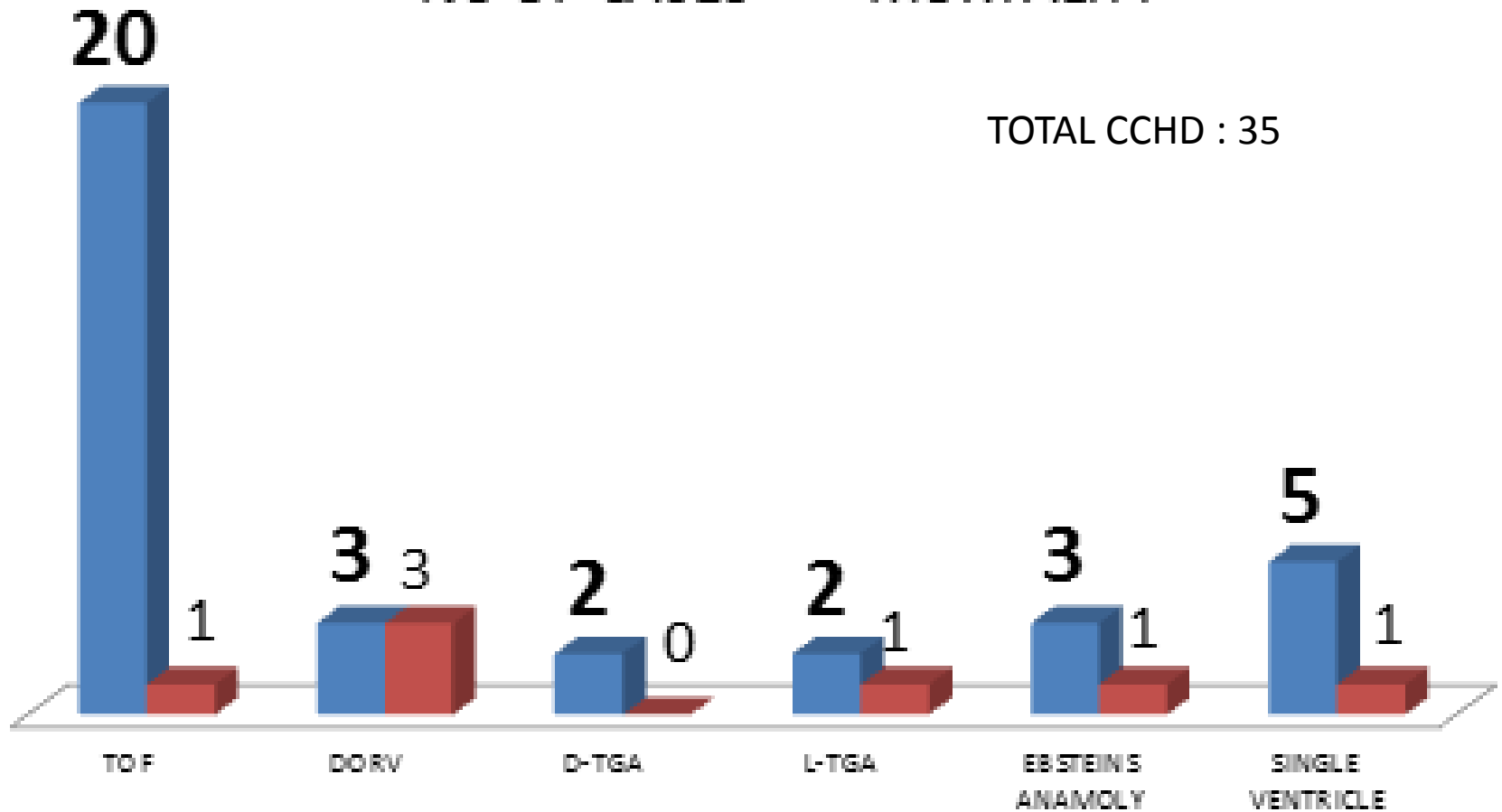
ACHD TYPES & MORTALITY

■ NO OF CASES ■ MORTALITY



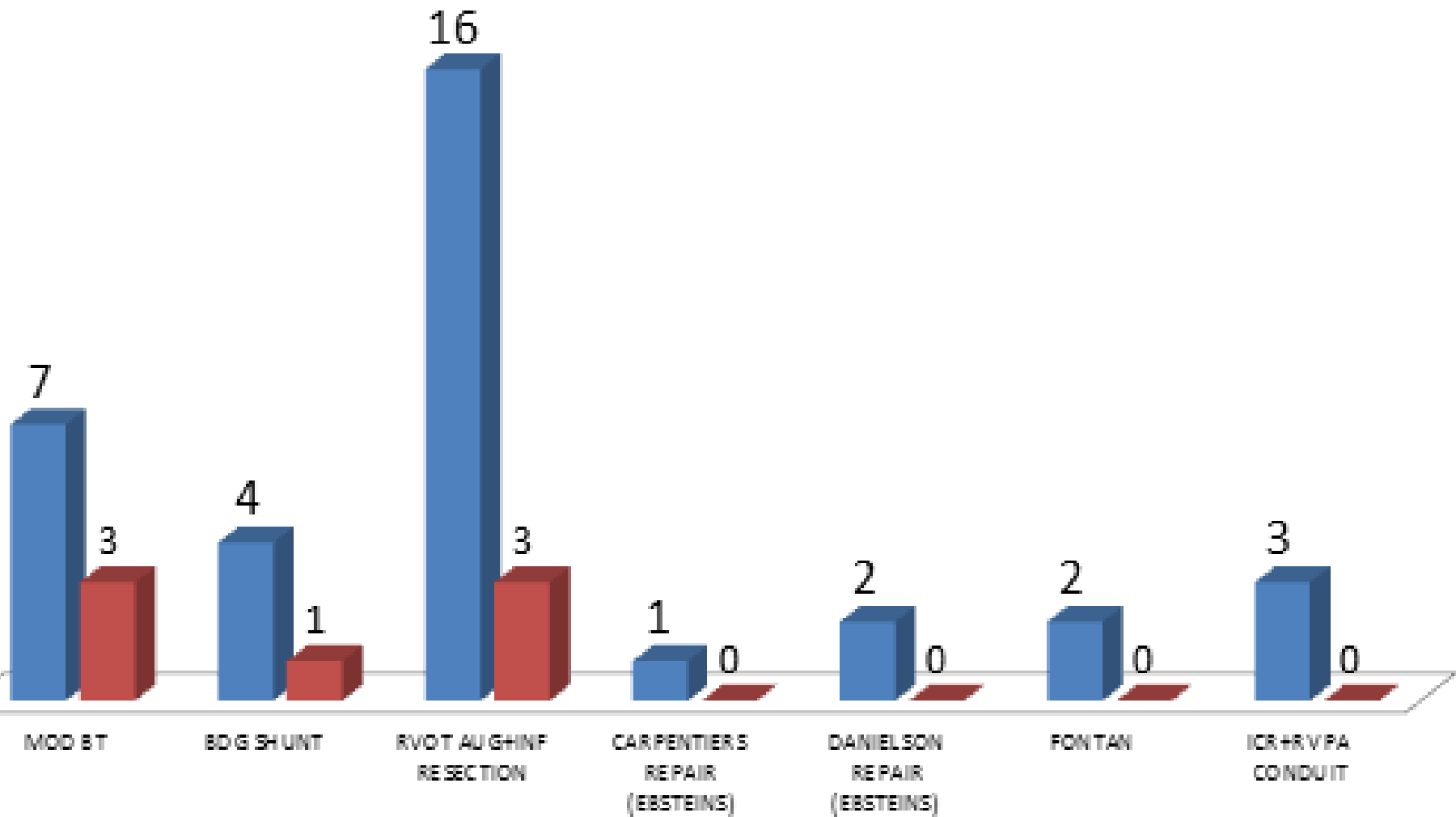
CCHD&POST OP MORTALITY

■ NO OF CASES ■ MORTALITY



TYPES OF CCHD SURGERIES PERFORMED & MORTALITY

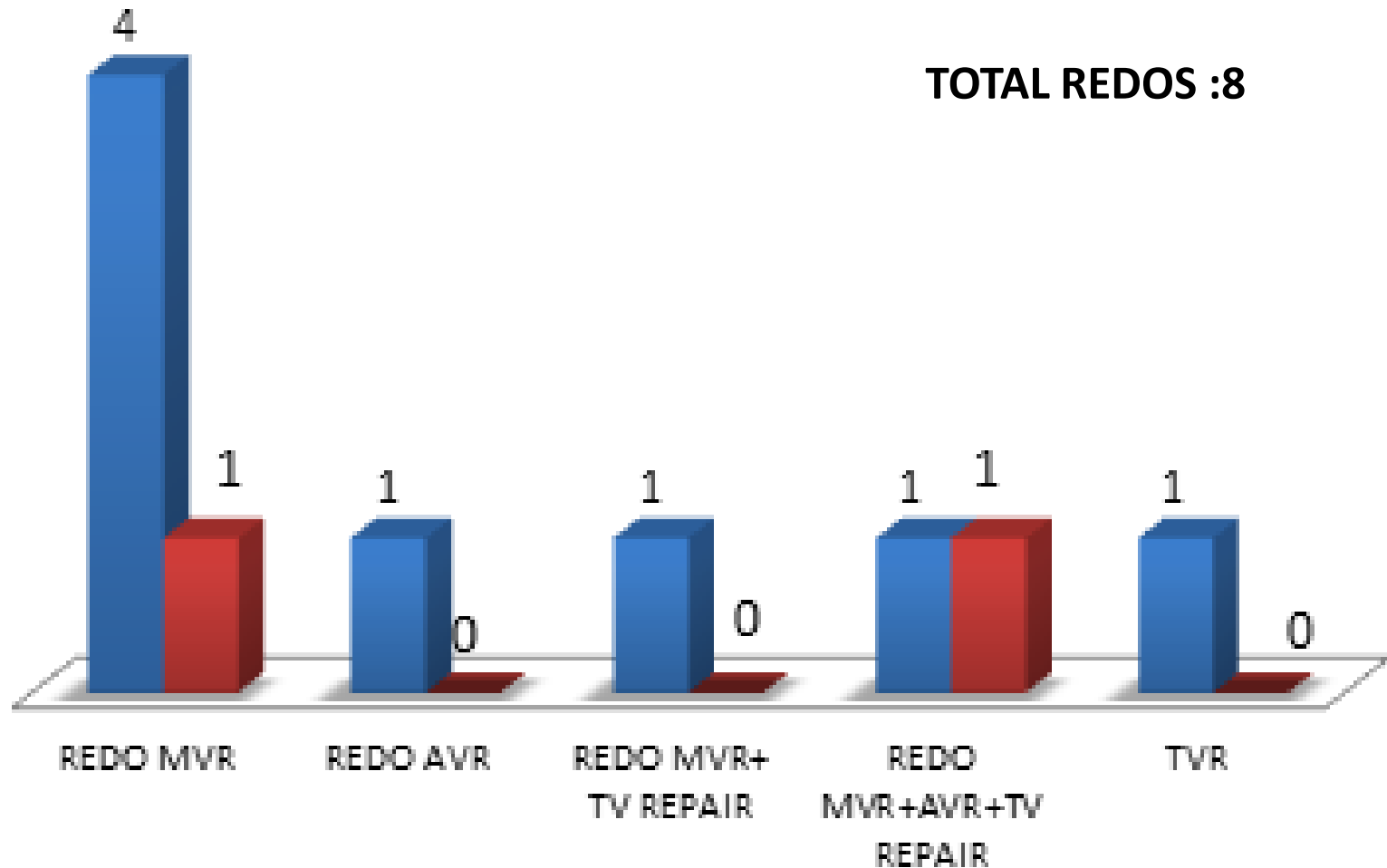
■ NO OF CASES ■ MORTALITY



REDO SURGERIES & THEIR MORTALITY

■ NO OF CASES ■ MORTALITY

TOTAL REDOS : 8



Conclusion

- Heart disease in women is a major public health problem. The incidence of heart disease in women is rising in present years.
- Valvular heart disease is most common heart disease, most common etiology being rheumatic which indicates the requirement for more intensive measures to diagnose and treat early rheumatic fever.
- Ischemic heart disease is the second most common heart disease mostly occurring in elderly females.

Conclusion

- Combined CABG and Valve surgery carries higher mortality compared to CABG alone.
- Severe LV dysfunction is associated with increased postoperative mortality in CABG patients.
- Preop IABP usage is associated with less mortality.
- Surgery for ACHD and CCHD are having good results.
- Pericardiectomy and Aneurysm surgeries are associated with better outcome.

- **THANK YOU!**