

VISION

To be the most trusted healthcare partner for people through our unsurpassed quality & care and by striving to provide **accessible, affordable** and best **available** healthcare services in India.

MISSION

- To give world class patient care.
- To revolutionize our healthcare services by genuinely caring.
- To be an active participant in the local community and provide the very best medical expertise for general welfare & well being.
- To make specialized medical care available to every individual.

CABG (Coronary Artery Bypass Graft)

A procedure used to treat coronary artery disease which is the narrowing of the coronary arteries (the blood vessels that supply oxygen and nutrients to the heart muscle) caused by a buildup of fatty material within the walls of the arteries.

Scoring System used by Asian Hospital

Additive

- Patient Related Factors
- Cardiac Related Factors
- Operation Related Factors

Logistic

- It is the predicted mortality according to the logistic regression equation.

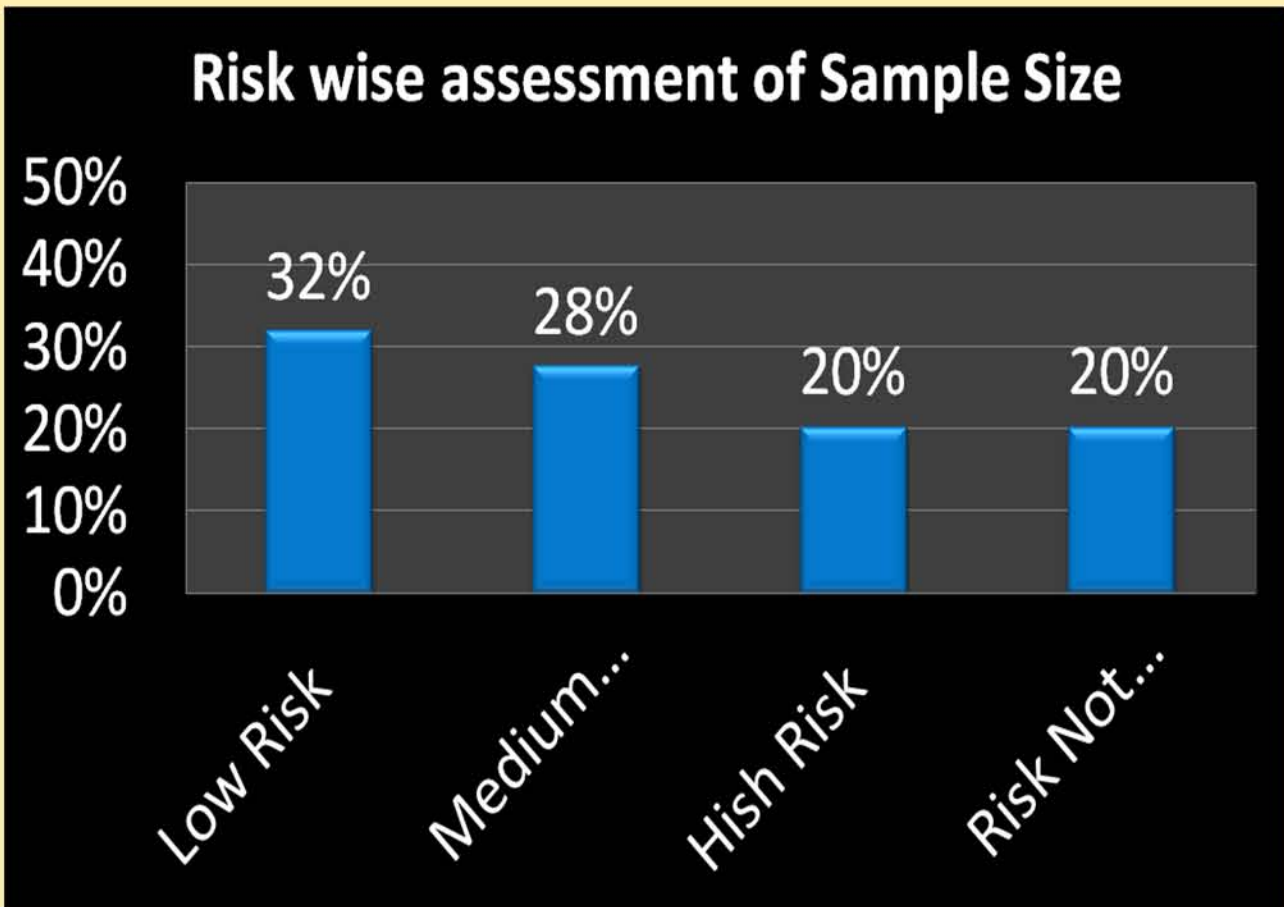
EURO Score

- European System for Cardiac Operative Risk Evaluation
- It is a method of calculating predicted operative mortality for patients undergoing cardiac surgery. (CABG)
- If a risk factor is present in a patient, a weight or number is assigned. The weights are added to give an approximate percent predicted mortality

STUDY DESIGN

- PERIOD OF STUDY
First three quarters of 2014
- TYPE OF STUDY
Retrospective and Exploratory
- SAMPLING TECHNIQUE
Selective Sampling
- SAMPLING UNITS
IPD patients
- SAMPLE SIZE
94 Patients who underwent CABG in 2014 and 2015
- TOOL USED
A Checklist was prepared to use as a tool for collection of data.

No. of patients in each category (As per EURO Score)



OBJECTIVES

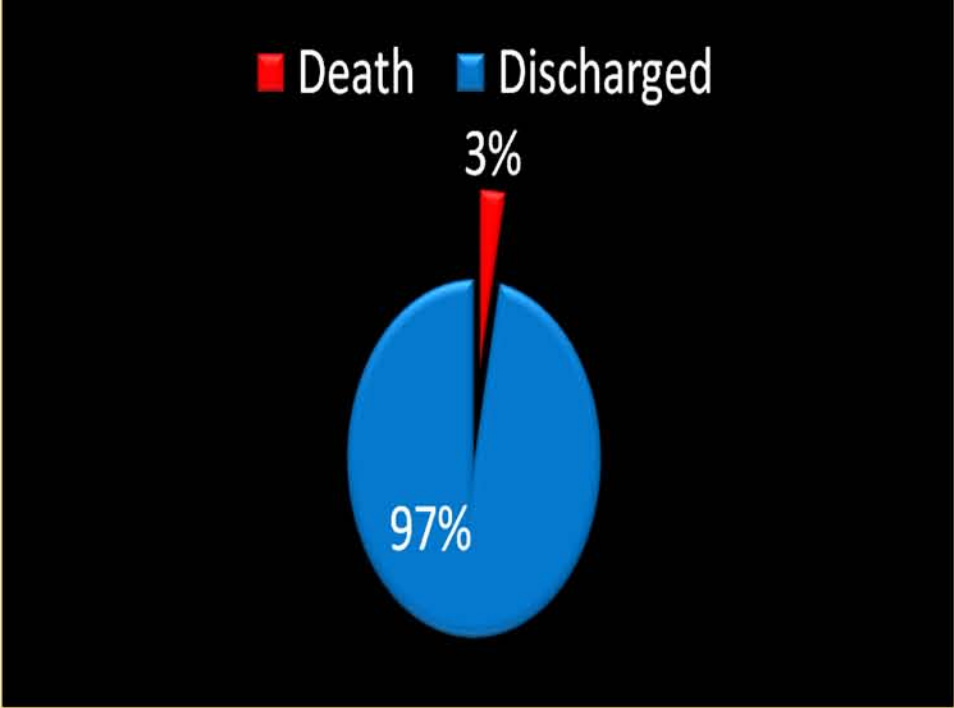
- To assess the Quality of cardiac surgery (CABG) with respect to European system for cardiac operative risk evaluation (EURO Score).
- To assess the morbidity factors in CABG surgeries (Readmission within 30 days).
- To assess the mortality factors in CABG surgeries.

•**Asian Institute of Medical Sciences (AIMS)** is a 350 bedded super specialty tertiary care hospital

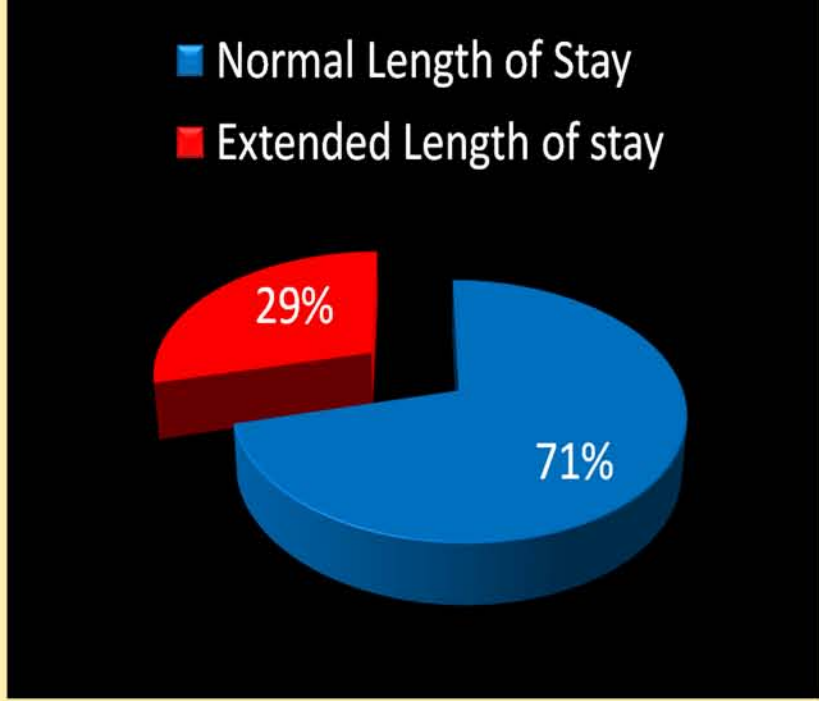
•The institute provides preventive, diagnostic, therapeutic, rehabilitative, palliative and support services under one roof

•It has been rated seventh best hospital in Delhi NCR by “The Week” magazine as per the “A C Nielson Survey”.

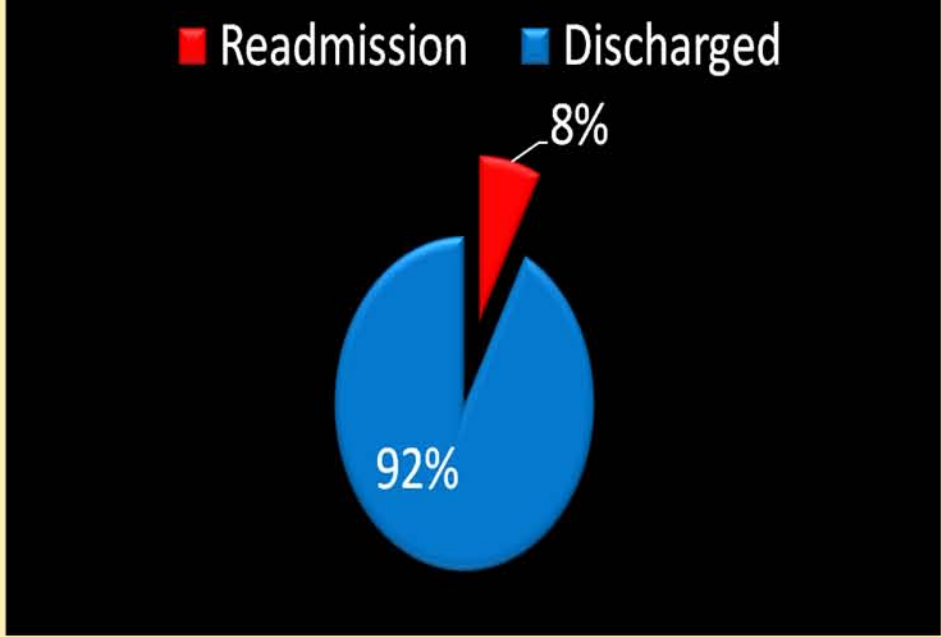
Outcome of CABG performed



LENGTH OF STAY



Cases of Readmission within 30 days of CABG



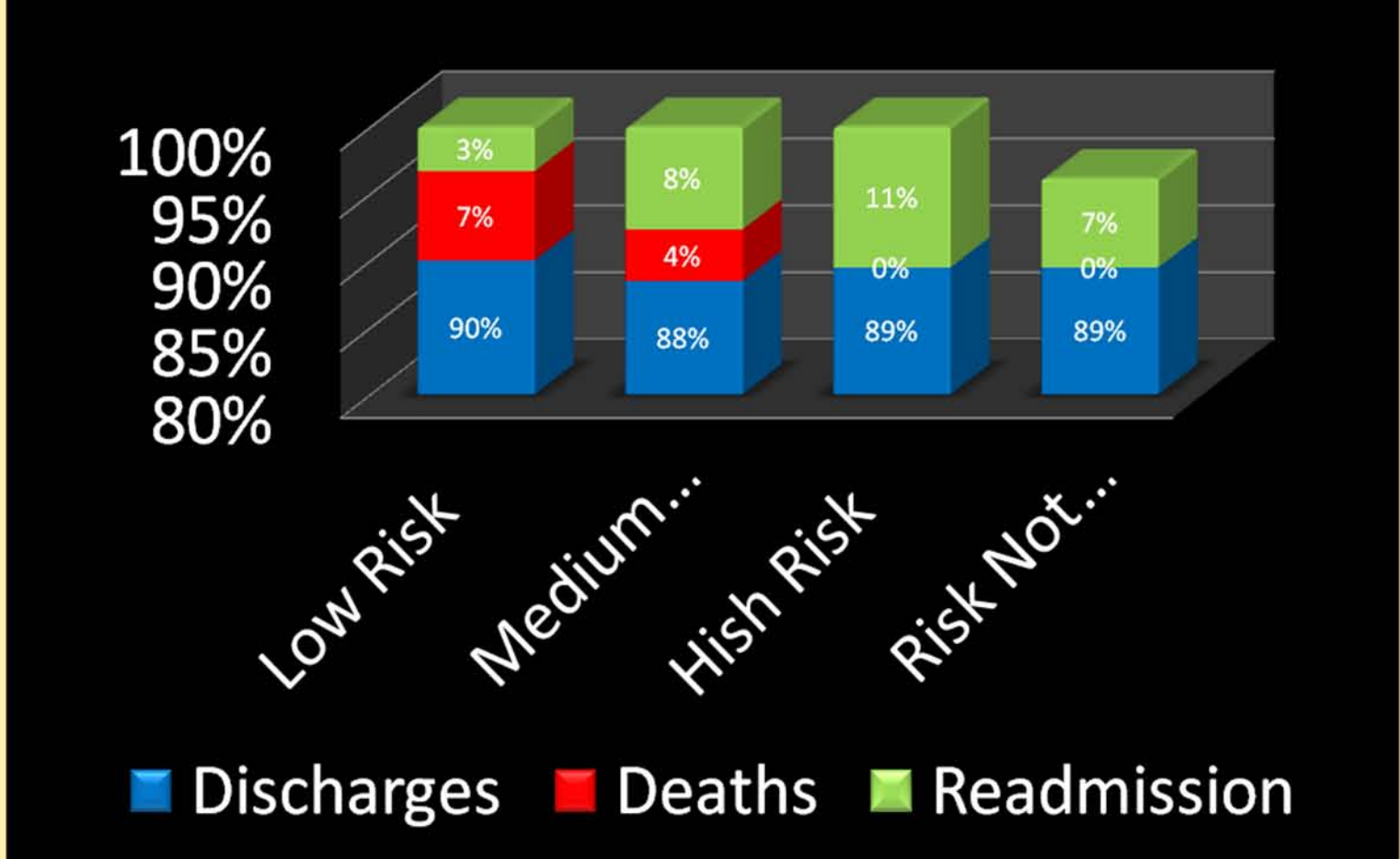
ASIAN CENTRE OF EXCELLENCE

- Asian Cancer Centre
- Asian Heart Centre
- Asian Centre For Advanced Surgery
- Asian Centre For Mother And Child
- Asian Centre For Neurology & Neurosurgery
- Asian Centre for Urology & Kidney Transplant
- Asian Centre For Renal Diseases
- Asian Centre For Bone & Joints
- Asian Centre For Imaging & Advanced Imaging
- Asian Centre for Gastroenterology
- Asian Centre for Bariatric & Metabolic Surgery
- Asian Centre for Aesthetic Surgery & Medicine
- Asian Centre for IVF

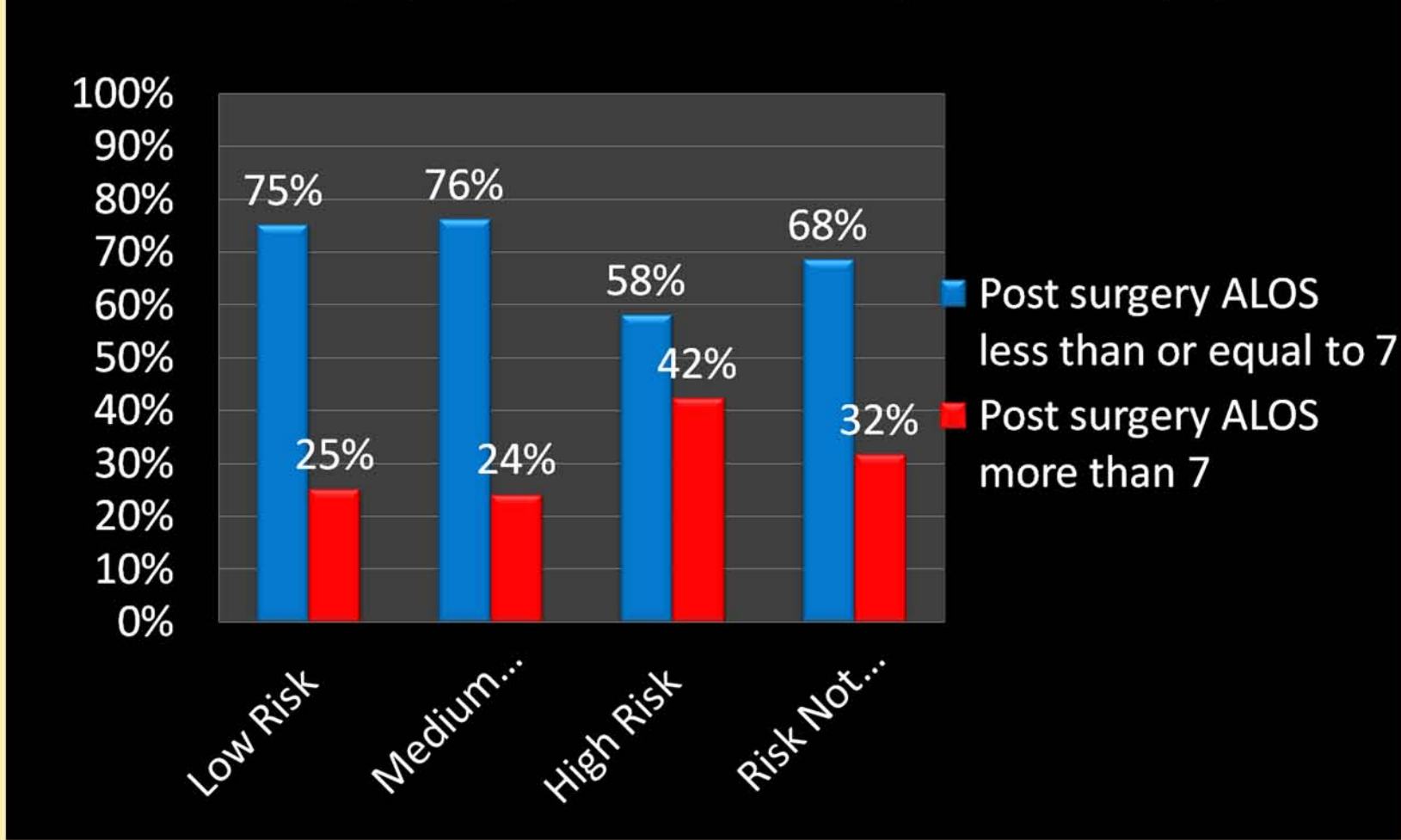
Highlights

- AIMS is the first hospital to acquire and install Rapid Arc- IGRT & IMRT Linear Accelerator (Varian) in North India
- AIMS is equipped with the first PET/CT in this region
- Centre of Excellence in Renal Care – round the clock facility for dialysis.
- Comprehensive and State of the art Laboratory & Blood Bank, with all machines in imaging and diagnostics online and results available on posting immediately on the intranet and internet
- Preventive Health Check-up facilities tailored to individual requirement.
- A comprehensive physiotherapy center and a dedicated centre for alternate medicines and treatments such as Homeopathy, Ayurveda and Reiki Spiritual healing

Outcome of surgery in various risk categories



Post Surgery Length of stay- According to risk category



DATA FINDINGS

- ☐Successes Rate of Cardiac Surgery – 97%.
- ☐No death occurred in High risk cases.
- ☐2 deaths occurred in low risk category.
- ☐1 death occurred in Medium risk category.
- ☐Morbidity percentage (Readmission within 30 days)- 8%
- ☐Average length of stay in all the discharged cases was- 7.64%

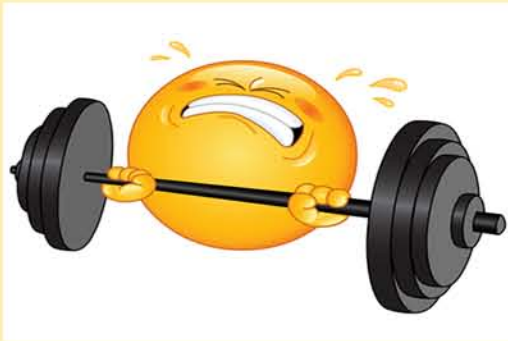
IMPACT

- The study has been shared by the Top Management.
- A re-audit has been advised after 6 months.
- Files showing mortality and Re-admission have been sent to the HOD CTVS for further audit.
- The reasons for mortality and re-admission are being keenly observed by the top management.
- The top management is also thinking about following the new EURO Score II post study.



Punch Line

Caring for what matters most.



Dr. Pooja Singla
MBA – HM-19