

About the organization

Narayana Multispecialty Hospital, Jaipur is an optimal blend of technological excellence, complete infrastructure, competent care and heartfelt hospitality. NH Jaipur is a 330 bedded multispecialty tertiary care hospital, located at Pratap Nagar in the Southern part of Jaipur. The hospital is in a sprawling 4.7-acre campus and offers high quality affordable medical care to the people of not only Rajasthan but also the bordering states of Uttar Pradesh, Haryana and Madhya Pradesh.

Vision and Mission

- To evolve as the most preferred destinations for quality healthcare that provides a comprehensive range of services and is trusted for personalized care with compassion.
- To deliver quality & personalized care to improve the well-being of patients.

Aim of Study

To study the demographic patterns in paediatric cardiac surgeries at Narayana Health, Jaipur focusing on factors like age, gender and healthcare utilization patterns to enhance care strategies and resource allocation.

Objective

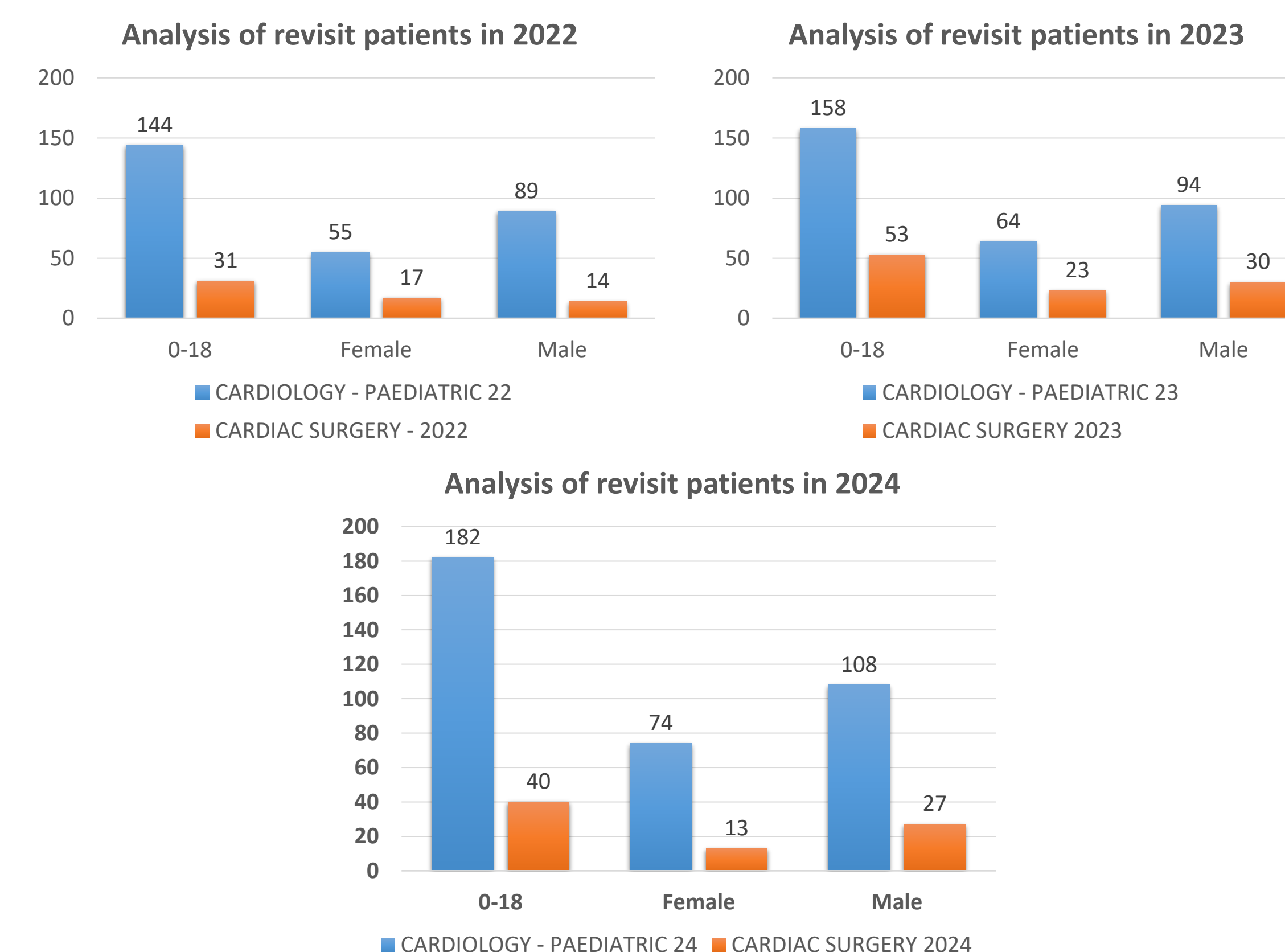
- To analyse pattern of paediatric cardiology patients in OPD for past three years.
- To determine age-specific revisit rates.
- To examine gender disparities in healthcare utilization.
- To assess the impact of socioeconomic factor.
- To identify opportunities for intervention.

Research Methodology

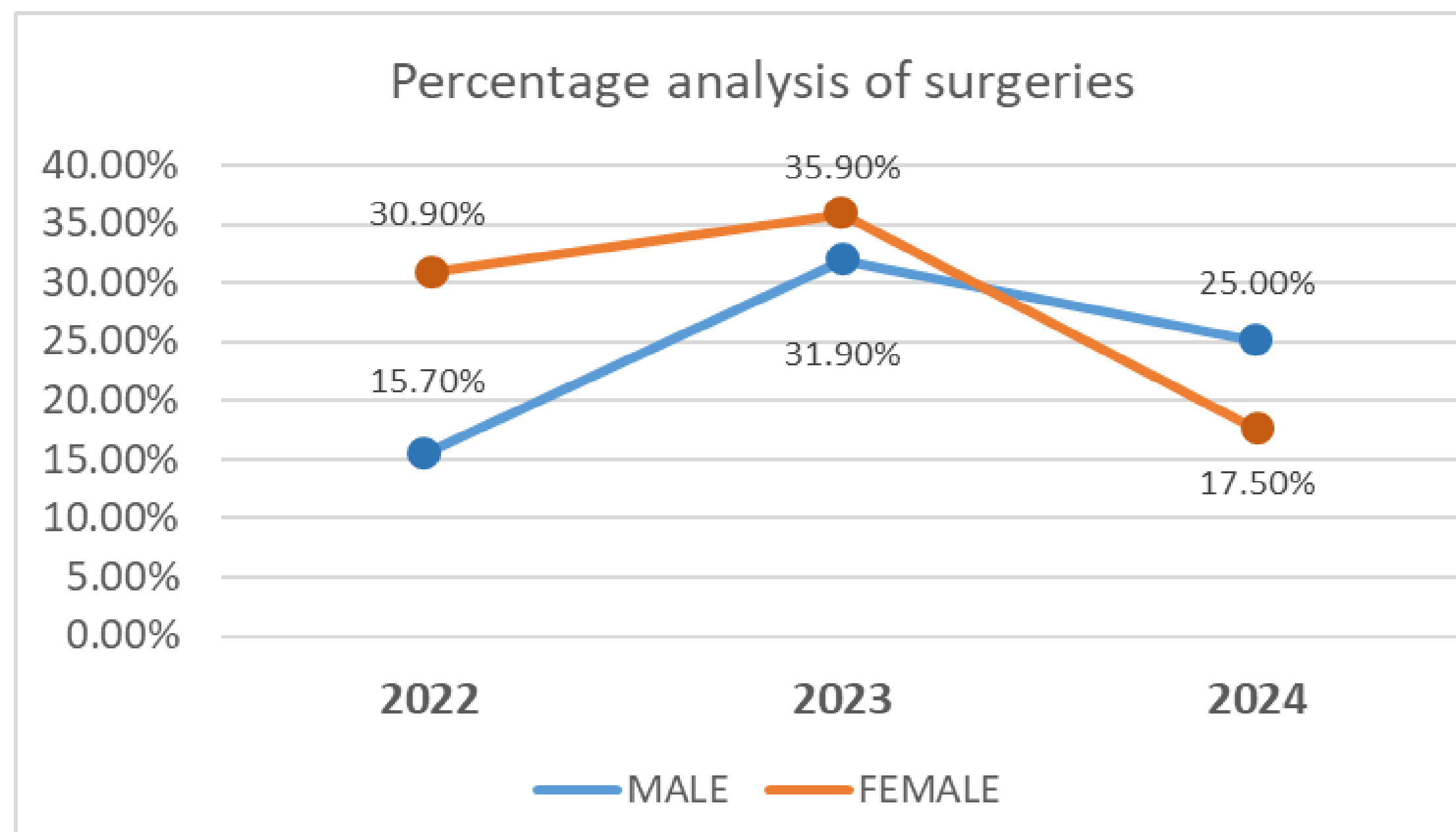
Data Collection: Study design: A cross-sectional study design, based on medical records of patients, was studied. Primary source of data: Data was collected by conducting interviews and surveys with doctors and patients. Secondary source of data: Medical records from May and June (2022-2024) were included. (Inclusion criteria: basic demographic details including age and gender of revisited patients in Outpatient department) (Exclusion criteria: Inpatient department)



Data Analysis



Results



Findings

- The demographic patterns in paediatric cardiac surgeries at Narayana Health, Jaipur, reveal fluctuating trends in surgical interventions between males and females.
- Over the observed period, there was an initial notable increase of 16.9% in surgeries among males, followed by a subsequent decline of 6.9%.
- Conversely, surgeries among females saw a 5% increase initially, followed by a larger decrease of 18.4%.

Challenges

- Ensuring patient confidentiality and adhering to ethical guidelines when dealing with sensitive medical data.
- Engaging with diverse patient populations and their families to ensure participation and understanding of the project's goals.
- Coordinating efforts between medical professionals, administrators, and support staff with varying schedules and priorities.
- Challenges in involving doctors for interviews.
- Dealing with patients with diverse religion and socio-economic backgrounds.

PRACTICAL EXPOSURE V/S THEORETICAL UNDERSTANDING

Practical Understanding at Narayana Health	Theoretical Understanding at IIHMR University
➤ Operational, hands-on experience in healthcare management.	➤ Academic focus on healthcare systems and management theories.
➤ Real-world hospital setting, exposure to daily operations.	➤ Classroom-based, lectures, case studies, and discussions.
➤ Project management, data analysis, quality improvement.	➤ Strategic planning, policy analysis, leadership skills.
➤ Implementing practical healthcare guidelines and standards in real-world settings.	➤ Application of theoretical frameworks to analyze and address healthcare scenarios.

Usefulness of SIP

The internship provided practical experience to apply academic knowledge in real-world settings. Skills such as communication, teamwork, problem-solving, and time management were honed through hands-on tasks. Exposure to industry practices allowed for exploration of career interests and networking with professionals contributed to personal growth, fostering confidence and readiness for future endeavors.

- Patient satisfaction and personalized care.
- High-Quality Medical Services
- Experienced Medical Staff
- Strong Brand and Expansion



- Growing Healthcare Demand
- Partnerships and Collaborations
- Training and development
- Technology integration

- Competition
- Regulatory compliance
- Pandemic and Health Crises

Learnings

- Developed adaptability and problem-solving skills in a dynamic healthcare environment.
- Executed and managed multiple projects, acquiring valuable experience in project management while successfully accomplishing set objectives.
- Worked closely with the OPD team and other healthcare professionals, to develop teamwork and collaboration skills essential for effective patient care and research.
- Gaining insight into the operational aspects of a hospital, including patient flow, resource allocation helped in grasping the complexities of healthcare delivery.

Suggestions

- Strategies such as mobile health clinics, outreach programs, telemedicine services, or partnerships with local community organizations to address barriers and improve healthcare access and utilization for female pediatric cardiac patients in underserved areas of Jaipur.
- By assessing differences in Quality of care in consultations provided to the patients which involves patient's satisfaction surveys and feedback.
- Partner with community leaders, women's groups, to build trust and awareness about pediatric cardiac health.
- Identify strategies to alleviate financial barriers and improve affordability of cardiac care for all socio-economic groups.