



Familiarization of Medanta Ranchi to GHL Board Members

Overview

- Medanta Operations started from – 9th June 2015
- Covered area of HCO (sq.ft.) – 1,21,289.26
- First super specialty hospital of united Bihar & Jharkhand. Serving since more than two decades.
- Facility is well known for super specialty services (Cardiac, Gastro, Neuro, Kidney diseases, Kidney Transplant Program, Critical Care & Emergency Services)
- Hospitalist Program with 24/7 specialist coverage
- Strong Weavers' society support, robust community connect initiatives
- Believes in providing care to patients at an affordable cost while bringing a balance between advancement in technology, clinical talents, skilled caregivers pool and efficient supports teams considering patients' need.



Facility Overview



- Total Sanctioned bed : 200
- Total Operational bed : 159
- Total Critical Care units bed : 54
- Total Non critical care units bed : 105
- Total ER bed : 12
- Total Dialysis bed: 11
- Other Day Care Beds : 11
- OT – 8 Nos

Hospital Floor Plan
Ground Floor : Reception, OCC, Registration & Admission Desk, Ayushman Desk, Billing Desk, OPD Consultation Rooms, OP Pharmacy, Nursing Desk, Dialysis, Physiotherapy, EEG/EMG/NCV, Uroflowmetry, Emergency, Nuclear Medicine, ECG/ECHO/TMT/ Holter/PFT/Spirometry/Radiology
First Floor : General OT Complex, Neuro ICU, Dental, Economy Wards, Nursing Desk
Second Floor : Cardiac OT, Neuro OT, Cath lab, CCU, HDU, ITU, Twin Sharing, Deluxe Room, Nursing Desk
Third Floor : MICU, CSSD, Patient Rooms (Suite, Deluxe), Nursing Desk, IP Pharmacy
Fourth Floor : TPA /PSUs/ Corporate Operations/billing Desk, IT Office, Sr. Advisor Office, Conference Room, Manager IP Pharmacy office
Hospital Premises : Security control room, Kitchen & Cafeteria, Blood Bank, Laboratory, MRD, HK Office, STP/ETP,BMW Storage Area, MGPS, Store, Mortuary, LMO, Auditorium, Library, Quality, ICN, HR Office, Engineering Office, BME Office, Marketing & Finance Office

Scope of Services: Clinical

1. Anaesthesiology
2. Cardiology
3. Cardiothoracic & Vascular Surgery
4. Critical Care
5. Emergency Medicine
6. Internal Medicine
7. General Surgery
8. Gynaecology
9. Medical Gastroenterology including Hepatology

10. Nephrology including Dialysis
11. Neurology
12. Neurosurgery
13. Orthopaedic surgery including Joint Replacement Surgery
14. Plastic and Reconstructive Surgery
15. Respiratory Medicine
16. Renal Transplant
17. Urology

Scope of Services - Diagnostic



Scope of Services – Radiology & Imaging:

- Magnetic Resonance Imaging (MRI)
- Computed Tomography Scan (CT)
- Doppler Test
- Ultrasound Sonography (USG)
- X-Ray
- Mammography
- Special Investigations



Non Invasive Cardiology Investigations:

- Electrocardiogram(ECG)
- Treadmill Test(TMT)
- Echocardiogram(2D Echo)
- Holter Monitoring



Scope of Services – Laboratory:

- Clinical Bio – chemistry
- Clinical Microbiology
- Clinical Serology
- Clinical Pathology
- Cytopathology
- Haematology
- Histopathology
- Molecular Biology

FY2024 Bed Capacity



Key metrics	Half Year End			Quarter			
	H1 FY23	H1 FY24	Change	Q2 FY23	Q1 FY24	Q2 FY24	Change
Critical Care or ICU	54	54	-	54	54	54	-
Ward and HDU	105	105	-	105	105	105	-
Total Census Bed	159	159	-	159	159	159	-
Daycare Beds	34	34	-	34	34	34	-
Total Bed Capacity	193	193	-	193	193	193	-

Bed Occupancy Overview



Category	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
ICU Occupancy	51.5% (36.3%)	48.1% (41.7%)	51.2% (42.8%)	49.5% (45.9%)	63.9% (43.8%)	65.1% (50.6%)
Ward Occupancy	55.6% (42.9%)	50.1% (41.8%)	53.1% (47.8%)	54.1% (52.4%)	62.4% (51.1%)	71.7% (65.6%)
Total Occupancy	54.2% (40.6%)	49.5% (41.8%)	52.5% (46.1%)	52.5% (50.2%)	62.9% (48.6%)	69.5% (60.5%)
Midnight census*	86 (67)	79 (67)	83 (74)	83 (80)	100 (77)	110 (96)

% in Red indicates occupancy for the same time period during last FY

*Midnight census is average beds occupied

Clinical Department & Talents



HEART INSTITUTE – CARDIOLOGY

Dr. Niraj Prasad, Associate Director
Dr Mukesh Kumar Agrawal ,Associate Consultant
Dr Vinit Kumar ,Associate Consultant

HEART INSTITUTE – CARDIAC SURGERY

Dr. Millan Kundu, Associate Director
Dr Balamurli Srinivasan, Associate Director
Dr Amit Prakash Chandra. Consultant Cardiac Anesthesia

DIGESTIVE & HEPATOBILIARY SCN

Dr. Ramesh Chandra, Associate Director
Dr. Sangeet Sawrav, Consultant

NEUROSCIENCES & NEUROLOGY

Dr. Anand K. Jha, Consultant
Dr. Kumar Vijay Anand, Consultant

UROLOGY

Dr. M. K. Senapati, Associate Director
Dr Ashok Kumar Gupta, Consultant

BONE & JOINTS

Dr. Nilesh Mishra, Full Time Consultant
Dr. Ujjwal Sinha, Visiting Consultant

RESPIRATORY & SLEEP MEDICINE

Dr. Deb Dutta Bandopadhyay, Associate Consultant
Dr. Tejveer Singh, Attending Consultant

CLINICAL & PREVENTIVE CARDIOLOGY

Dr. Manisha Sharma , Associate Consultant

RADIOLOGY & IMAGING

Dr. Shwetam Kumar, Consultant
Dr. Abid Raza , Consultant
Dr. Kumar S. Mahan, Consultant

PATHOLOGY & LABORATORY

Dr. Bikash Kumar, Sr. Consultant,
Dr. Khusboo Associate Consultant

GENERAL SURGERY

Dr. N. A. M Ali, Associate Director
Dr. Vinay Mishra, Associate Director

ENT and HEAD & NECK

Dr Krishna K Das ,Associate Consultant
Dr. Abhimanyu Kadapathri , Visiting Consultant

DENTAL SCIENCES

Dr. Ravi Raushan , Clinical Associate

INTERNAL MEDICINE

Dr. Gaganjot, Attending Consultant

OPHTHALMOLOGY

Dr. Vishal Kumar Choudhary, Visiting Consultant

PLASTIC SURGERY

Dr. Arvind Prakash- Associate Director

CRITICAL CARE

Dr. Tapas Kumar Sahoo
Associate Director & Head Critical Care
Dr. Manoj Kumar, Consultant
Dr. Poonam Kumari, Sr Consultant
Dr. Ritesh Chandra, Attending Consultant
Dr. Mohd Kashif Jamal ,Consultant
DNB Critical care Students

GENERAL ANESTHESIA & PAIN MANAGEMENT

Dr. Naseem Akhtar, Associate Director,
Anesthesia
Dr Priyanka Das ,Consultant Anesthesia
DNB Anesthesia students

EMERGENCY & TRAUMA

Dr Avishek Chatterji ,Consultant & Head ER
Dr. Himanshu Kumar, Registrar
Dr. Suman Kumar Chandan, Registrar

MEDICAL ONCOLOGY

Dr Satish Kumar Sharma Visiting Consultant

PEDIATRIC CARDIOLOGY

Dr Gautam Shankar Visiting Consultant

SURGICAL GASTROENTEROLOGY

Dr. Avinash Kumar Jha, Consultant

NEPHROLOGY

Dr. Amit Kumar, Consultant
Dr Vijay Kumar Singh, Associate
Consultant
Dr. Sidhartha Mishra, Associate Director

GYNECOLOGY

Dr Amulya Swati ,Consultant
Dr. Anupama Singh, Visiting Consultant

MENTAL HEALTH

Dr. Pawan Kumar Barnwal, Part Time
Visiting Consultant

MICROBIOLOGY

Dr. Dibya Sharma, Asst. Consultant

DERMATOLOGY

Dr Manisha Thapa, Visiting Consultant

RHEUMATOLOGY

Dr. BK Gupta, Visiting Consultant

Exceptional Clinical Talents at Medanta, Ranchi



Dr. Niraj Prasad
(Associate Director, Cardiology)



Dr. Mukesh Kumar Agarwal
(Associate Consultant, Cardiology)



Dr. Vinay Mishra
(Associate Director, GI Surgery)



Dr. Tapas Kumar Sahoo
(Associate Director and Head, Critical Care)



Dr. Anand Kumar Jha
(Asst. Consultant, Neurosurgery)



Dr. Milan Kundu
(Associate Director, CTVS)



Dr. Gaganjot Kaur
(Attdg Consultant, Int Medicine)



Dr. Arvind Prakash
(Associate Director, Plastic Surgery)



Dr. Ramesh Chandra
(Asst. Director, Gastroenterology)



Dr. Kumar Vijay Anand
(Consultant, Neurology)



Dr. Amit Kumar
(Asst. Consultant Nephrology)



Dr. Siddhartha Mishra
(Associate Director- Kidney and Renal Transplant Medicine)



Dr. M K Senapati
(Associate Director, Urology)



Dr. Sangeet Sawrav
(Consultant, Gastroenterology)



Dr. NAM Ali
(Associate Director, GI Surgery)



Dr. Tejveer Singh
(Attd. Consultant, Pulmonology)



Dr. Ashok Kumar Gupta
(Consultant, Urology)



Dr. Avinash Jha
(Consultant, GI Surgery)



Dr. Naseem Akhtar
(Asst. Director- Anaesthesiology)



Dr. Nilesh Mishra
(Asst. Consultant),Orthopaedic)



Dr. Debdutta Bandhopadhyay
(Associate Consultant, Pulmonology)



Dr. Krishna K Das
(Associate Consultant, ENT)

Significant addition of Senior Clinicians across specialty in FY 24



Dr. Vinit Kumar
(Associate Consultant)- Interventional Cardiology



Dr. Avishek Chatterjee
Consultant & Head- Emergency & Trauma



Dr. Balamurali Srinivasan
(Associate Director)- CTVS

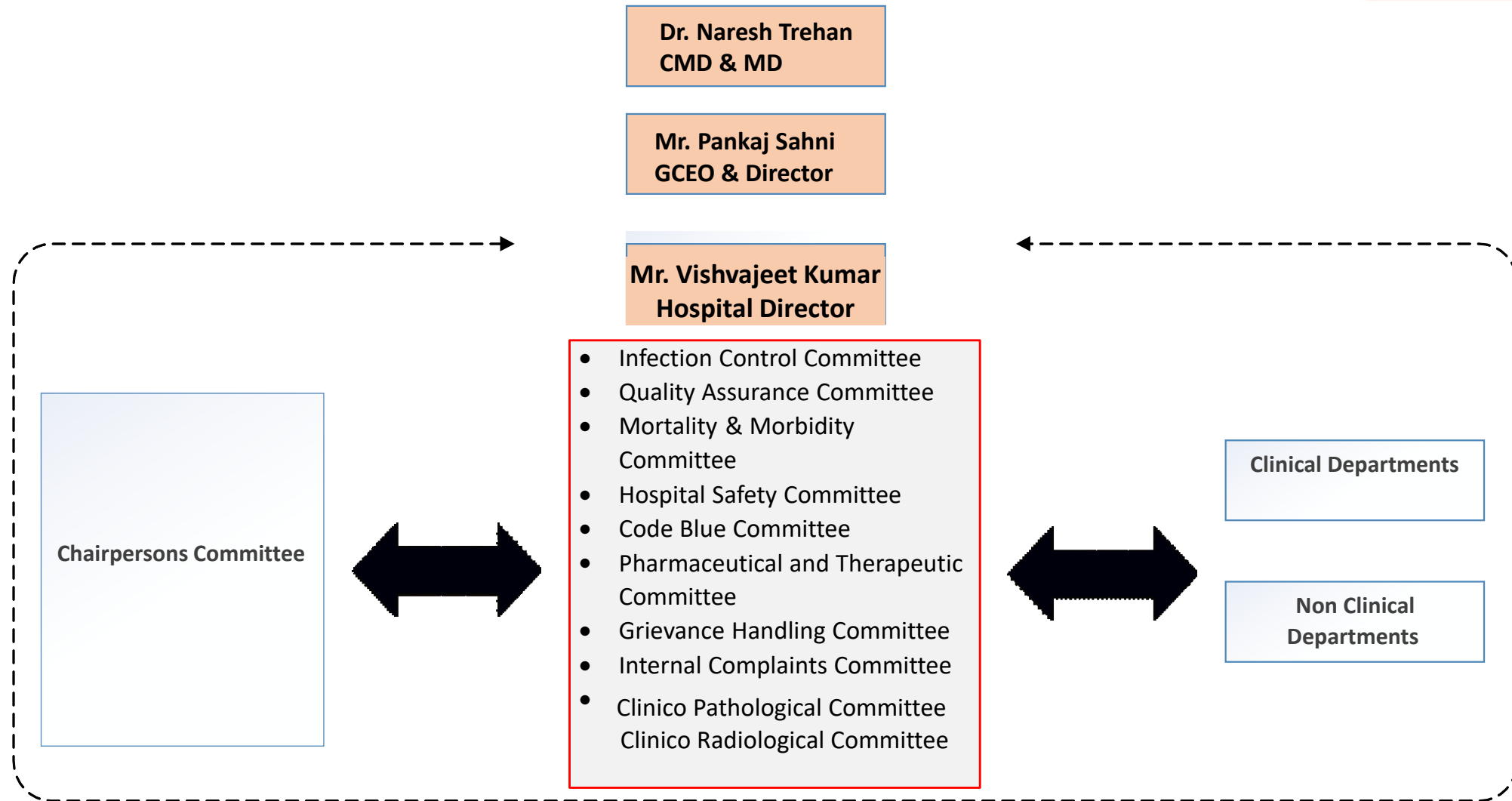


Dr. Vijay Kumar Singh
(Associate Consultant Nephrology)



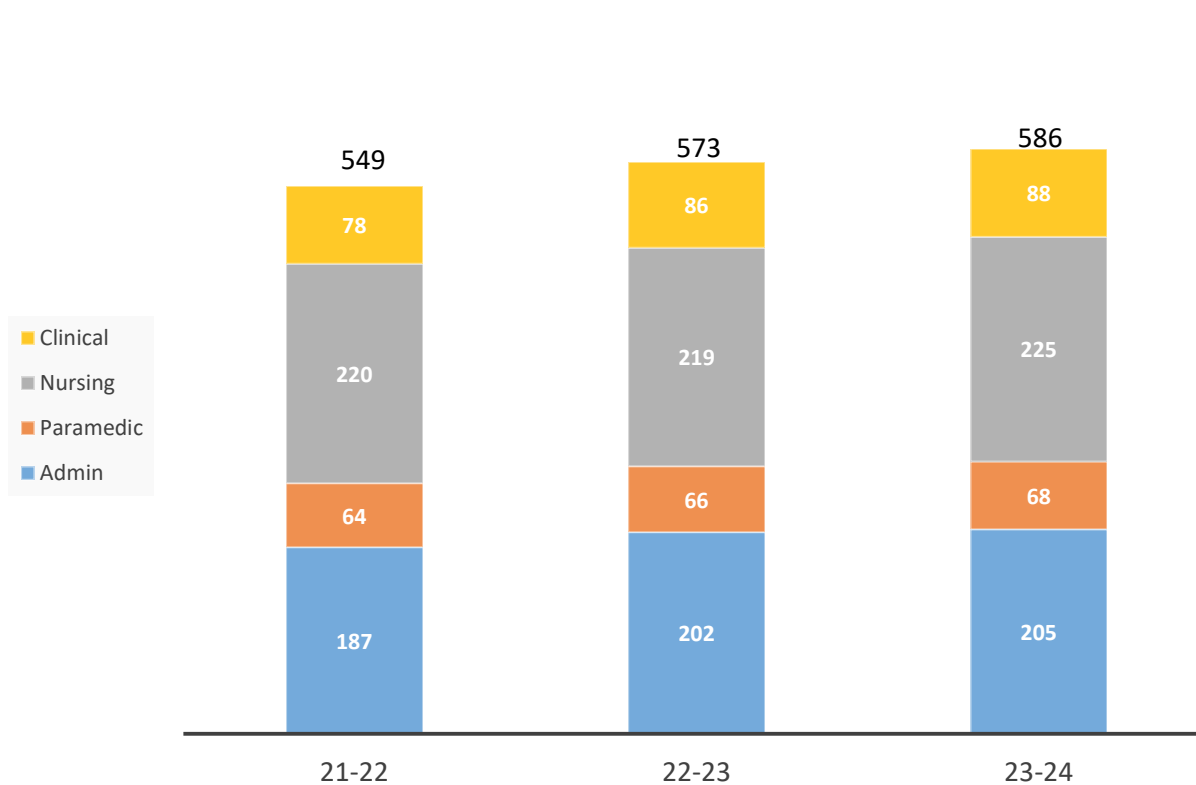
Dr. Amulya Swati
(Consultant, Obs& Gyn)

Collaborative Governance

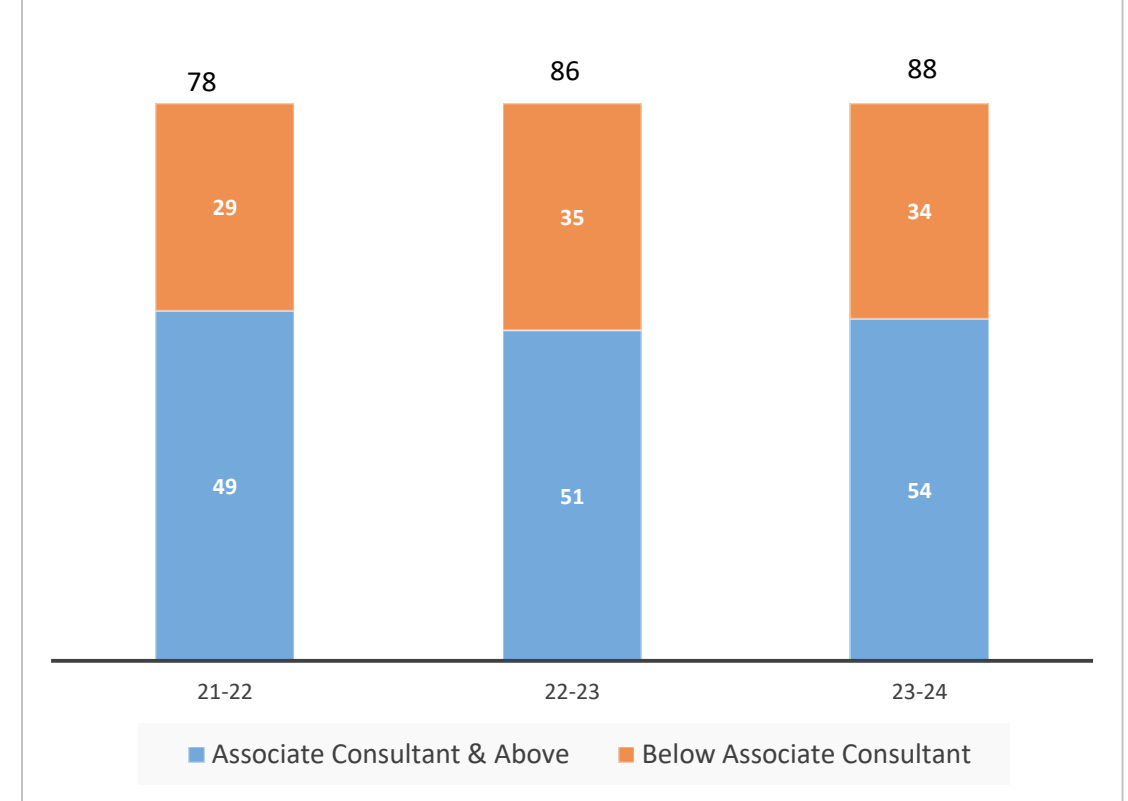


Employee Headcount Trend

Changes from 2021 - 2024



Clinician



Major Equipment's & Infrastructure



Prismaflex CRRT (continuous renal replacement therapy from Baxter) is used for 24 hrs. Prismaflex delivers all therapy modalities and Therapeutic plasma exchange. The innovative Prismaflex system is designed to support the recovery of critically ill patients with acute kidney injury.



GE Innova 2100 Cathlab with 100 100 KW generator is complete Cath/Angio system that offers advance image quality and innovative dose management. To perform clinicians to complete interventional and diagnostic angiography procedure with 21cm flat panel detector.



Siemens 64 rows, 28 slice, GO up CT scanner is known for innovation as leader. Siemens GO-up innovating to maximize clinical outcomes and to contribute to patient well being minimizing radiation and contrast media disage. Siemens GO up is for higher efficiency, exceptional image quality and consistent results.



GE Signa HDxt 1.5 T MRI provide us advance technology. A proven, homogeneous 1.5T magnet delivers full 48 cm FOV with 8/16/32 channel RF. HD gradient engineered for high productivity and accuracy waveform.



GE Vivid 4D iq with TEE transducer cardiovascular ultrasound that delivers a combination of portability and power fit ECHO for Adults, interventions, intensive care unit ER for clinicians. It is robust, reliable, easy to use with 4D imaging technology for interdisciplinary examinations pose a wide variety of challenges.



GE Logiq P9 Ultrasound system is well suited for the clinical and workflow demands of general imaging from triage to comprehensive exams,. The user friendly Logiq P 9 delivers consistent image quality, comprehensive application coverage, advance features and ease of use enable the user timely, confident decisions.

Major Equipment's & Infrastructure



Intensive care unit with controlled access.

- 18 beds in MICU unit
- Central monitoring system.
- Separate intensive care unit for Cardiac Surgery & Neuro surgery.
- State of the Art infrastructure ,Equipped with all life saving equipment's.
- Managed by expert Intensivist and Senior residents round the clock.

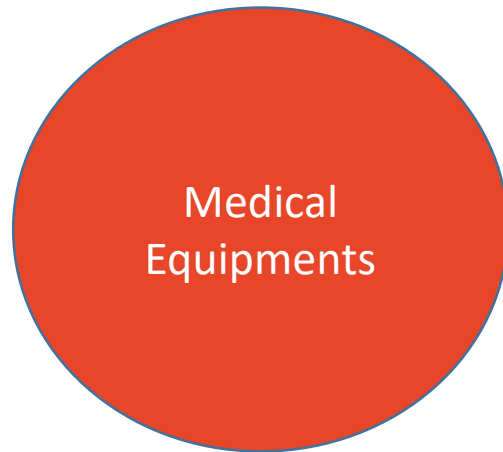


Emergency & Trauma Department having defined & displayed priority level –I (red), priority level –II (yellow), & priority level – III (green)



The Cardiac sciences department at Medanta Ranchi has a unique Heart team, concept to ensure that a team of clinical Cardiologist, interventional and cardiac surgeon combines their expertise to formulate and execute the best treatment option for patients with cardiac disease. The focus is to proficient care at an affordable cost. Cardiac specialist at Medanta Ranchi combine their experiences with the most advance techniques and diagnostic and surgical tools to treat and operate even the most complex cardiac cases. Medanta use the cutting edge technology and ensures long term success while providing immediate relief and ensuring patient functionality and safety.

Major Equipment's Upcoming in FY 24:



MRI 1.5 Tesla

Make: Siemens Healthcare

Model: Magnetom Sempra Tim

CUSA (Ultrasonic Aspirator)

Make: Stryker

Model: Sonopet

Endoscopy Ultrasound(EUS)

Make: Olympus Medical

Model: EVIS Premier plus

Anaesthesia workstation(advance features)

Make: Mindray

Model: Wato 65

Ventilators (advance features)

Make: Mindray

Model: SV600

Portable Ultrasound/Color Doppler System

Make: Fujifilm Sonosite

Model: Sonosite Edge II

Key Achievements – H1 FY24

Highest OPD Volume in Q2

Highest number of Angioplasty among Pvt. Hospitals of Jharkhand in Q2

2nd highest occupancy in the month of Sept, 23 in Ranchi District

Crossed more than 36000 Lab & Investigation procedures in Sept 23 which is highest ever

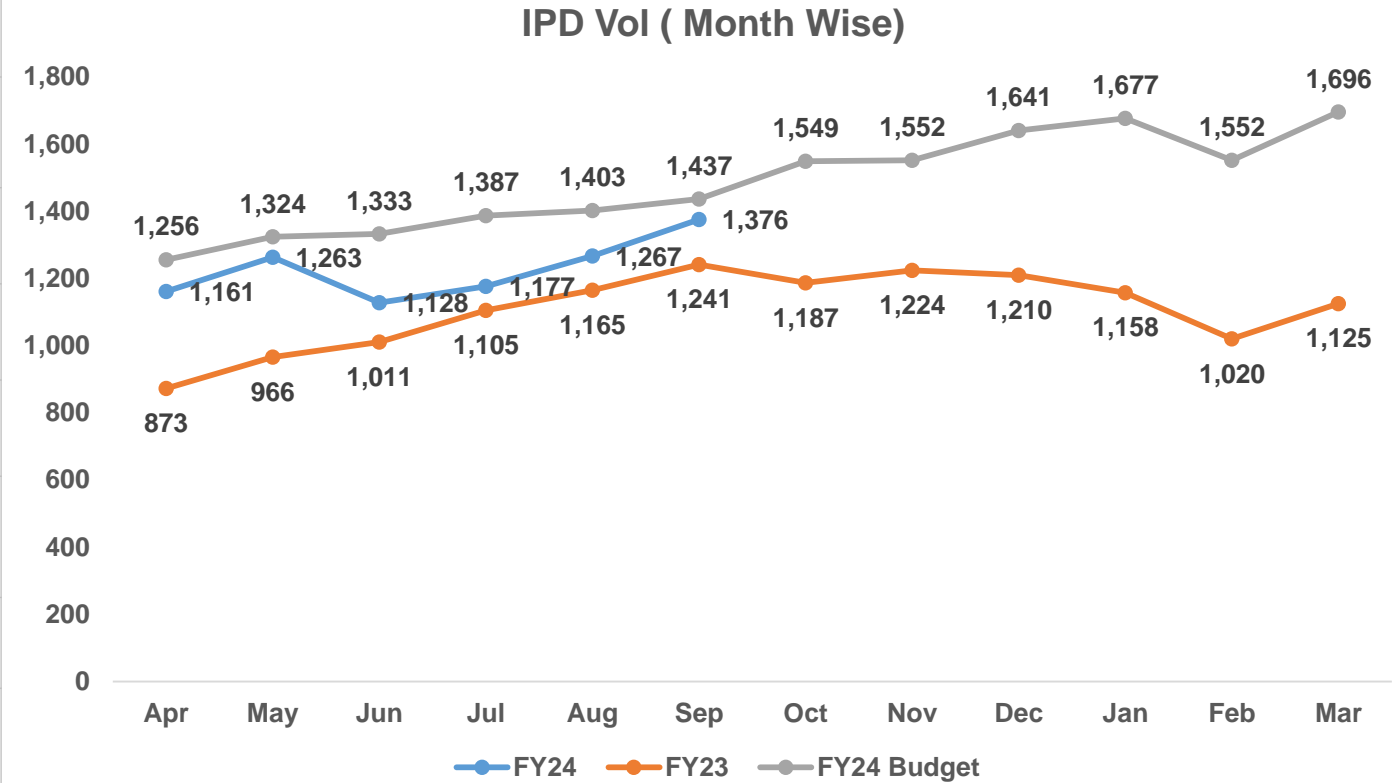
Highest IP Volume in Sept23. H1 FY24 TPA/Insurance volume increased by 24% over H1 FY 23

H1 (FY 23) to H2 (FY 24) IP/OP Revenue growth by 18%

Overview: In-patient volume



YTD IP Vol		QTD IP Vol	
FY23 vs FY24		Q2 FY23 vs Q2 FY24	
LY	6361	LY	3511
Actual	7372	Actual	3820
Budget	8140	Budget	4227
Growth % YoY	Ach % YoY	Growth % YoY	Ach % YoY
16%	91%	9%	90%



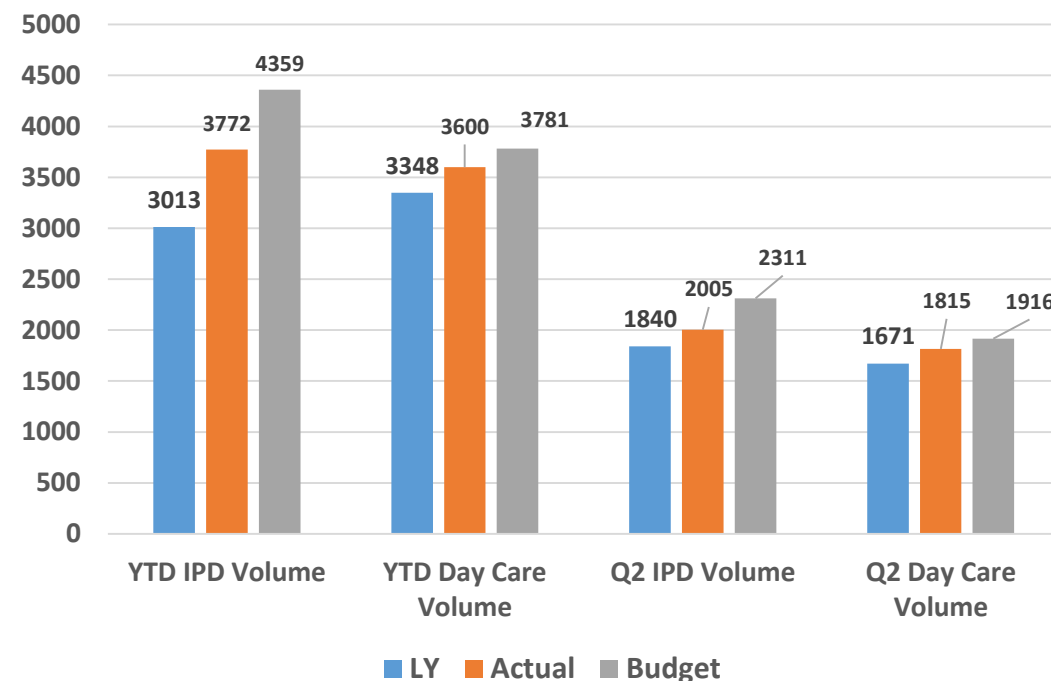
- YTD Growth of IP Volume(Including Daycare) is 16% and budget achievement of 91%.(H1 FY 24 vs H1 FY23)
- Q2 FY24 volume growth is 9% compared to last year Q2 FY23 and budget achievement of 90%.
- Highest ever IP discharges of 1376 and 96% of volume budget achieved in Sept'23, primarily contributed by Internal medicine, Gastroenterology, Neurosciences, Cardiology & Critical care.
- Highest ever midnight occupancy of 130 achieved in Sept'23 vs 111 in Sep 22

Overview: In-patient volume

IPD Volume			
YTD IP Vol		QTD IP Vol	
FY23 vs FY24		Q2 FY23 vs Q2 FY24	
LY	3013	LY	1840
Actual	3772	Actual	2005
Budget	4359	Budget	2311
Growth % YoY	Ach % YoY	Growth % YoY	Ach % YoY
25%	87%	9%	87%

Day care Volume			
YTD IP Vol		QTD IP Vol	
FY23 vs FY24		Q2 FY23 vs Q2 FY24	
LY	3348	LY	1671
Actual	3600	Actual	1815
Budget	3781	Budget	1916
Growth % YoY	Ach % YoY	Growth % YoY	Ach % YoY
8%	95%	9%	95%

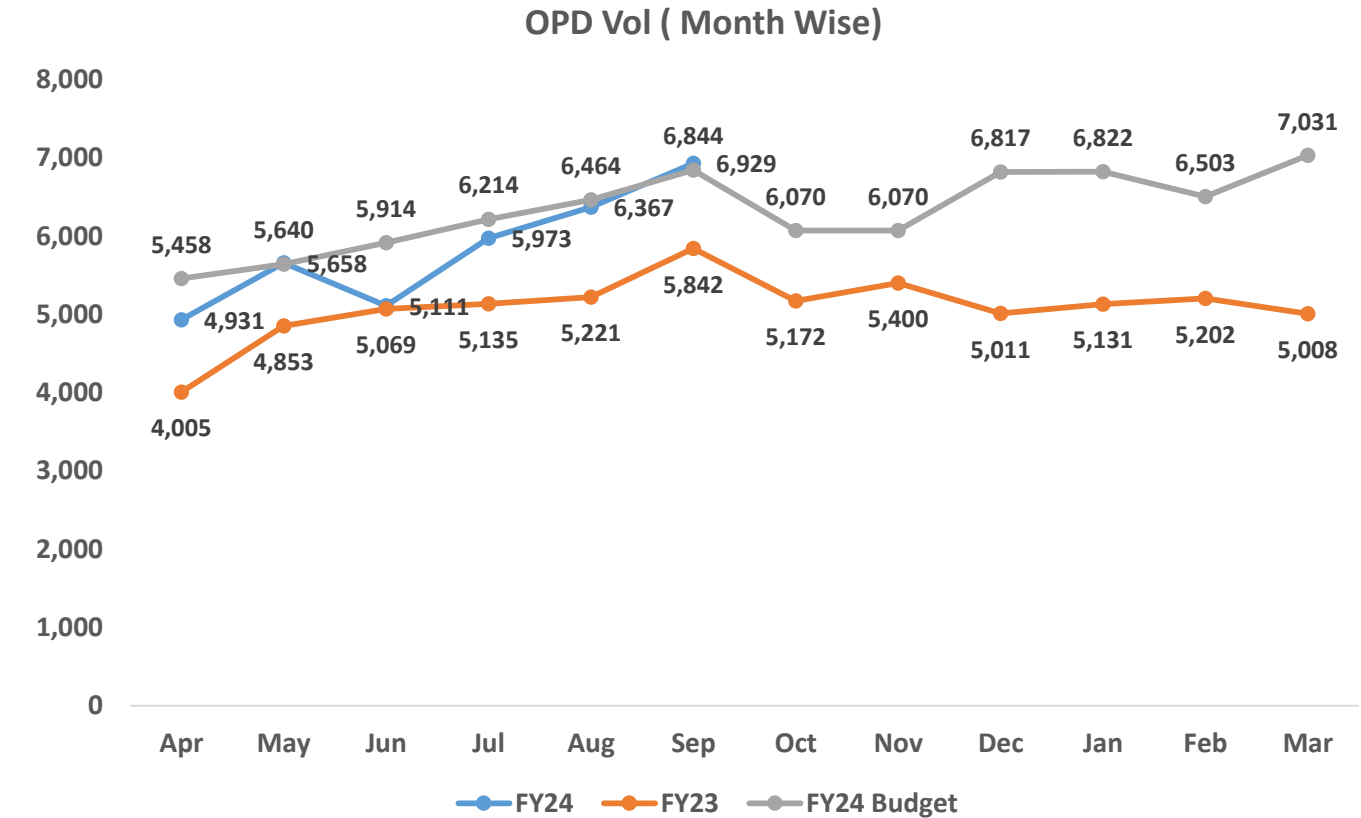
IPD/Day Care Volume



- YTD FY 24 IP Volume(Excluding Daycare) growth is 25% and budget achievement is 87%. YTD FY 24 Daycare volume growth is 8% compared to last year YTD FY 23.

Overview: Out-patient volume

YTD OPD Vol		QTR 2 OPD Vol	
FY23 vs FY24		Q2 FY23 vs Q2 FY24	
LY	30125	LY	16198
Actual	34969	Actual	19269
Budget	36534	Budget	19522
Growth % YoY	Ach % YoY	Growth % YoY	Ach % YoY
15%	96%	19%	99%

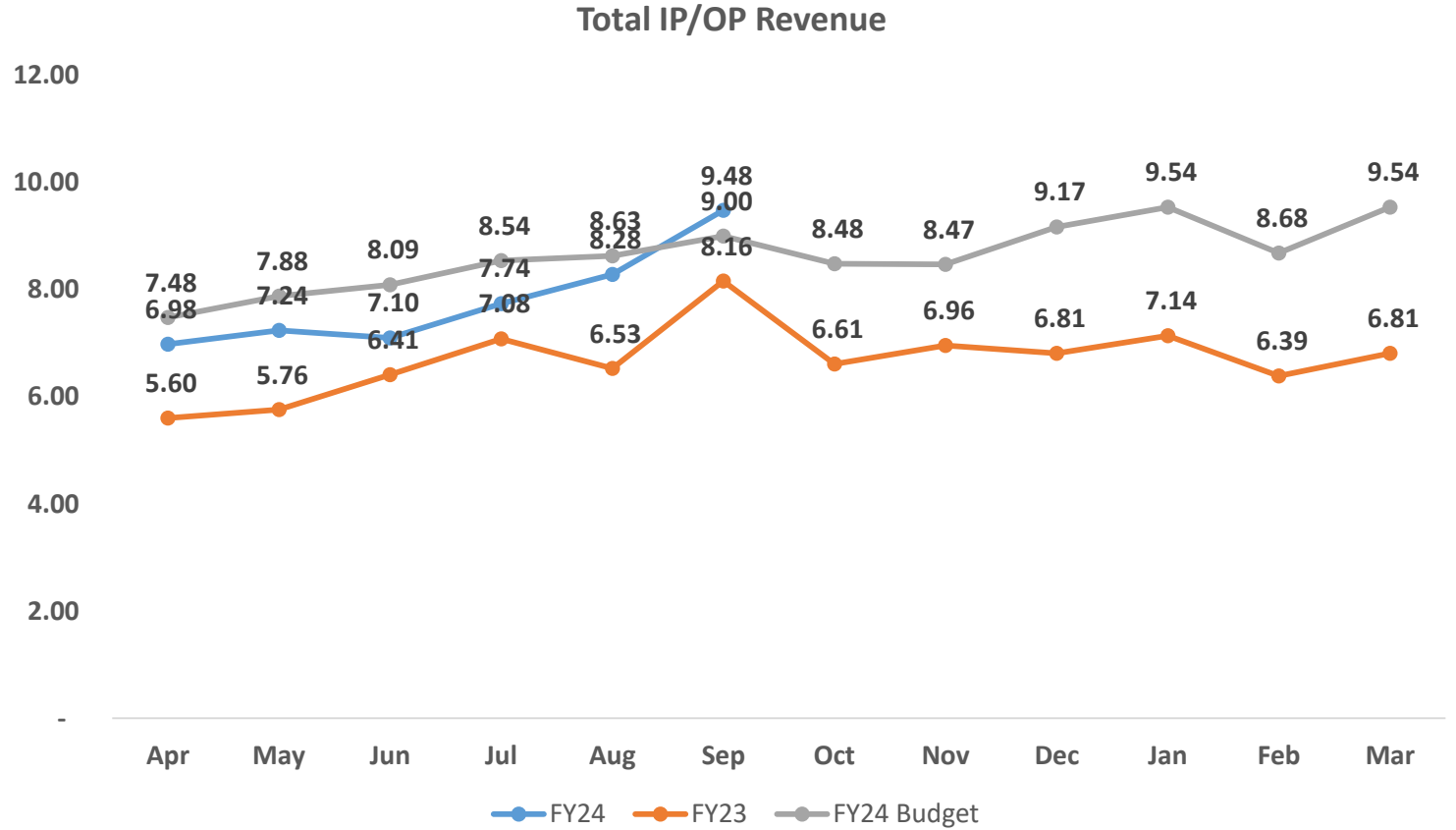


- Consistent growth in OPD volume in Q1 and Q2 FY 24 leading to an overall **growth of 15%** in H1 FY 24 vs H1 FY 23
- In FY 24, **Sept23** has seen the **highest OPD volume of 6,929** primarily contributed by Gastroenterology, Internal Medicine, Neurology, Nephrology, Urology, Cardiology and other services.

Overview: Revenue



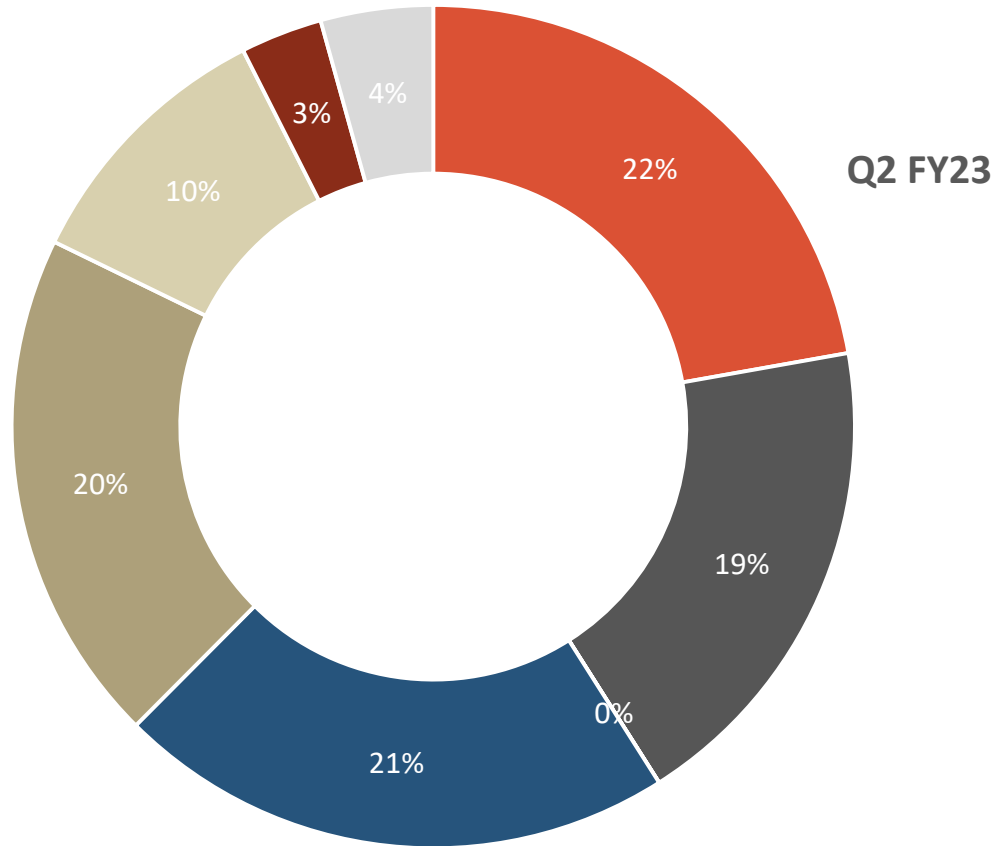
YTD IP/OP Rev		QTD IP/OP Rev	
FY23 vs FY24		Q2 FY23 vs Q2 FY24	
LY	39.54	LY	21.77
Actual	46.83	Actual	25.50
Budget	49.63	Budget	26.18
Growth % YoY	Ach % YoY	Growth % YoY	Ach % YoY
18 %	94%	17%	97%



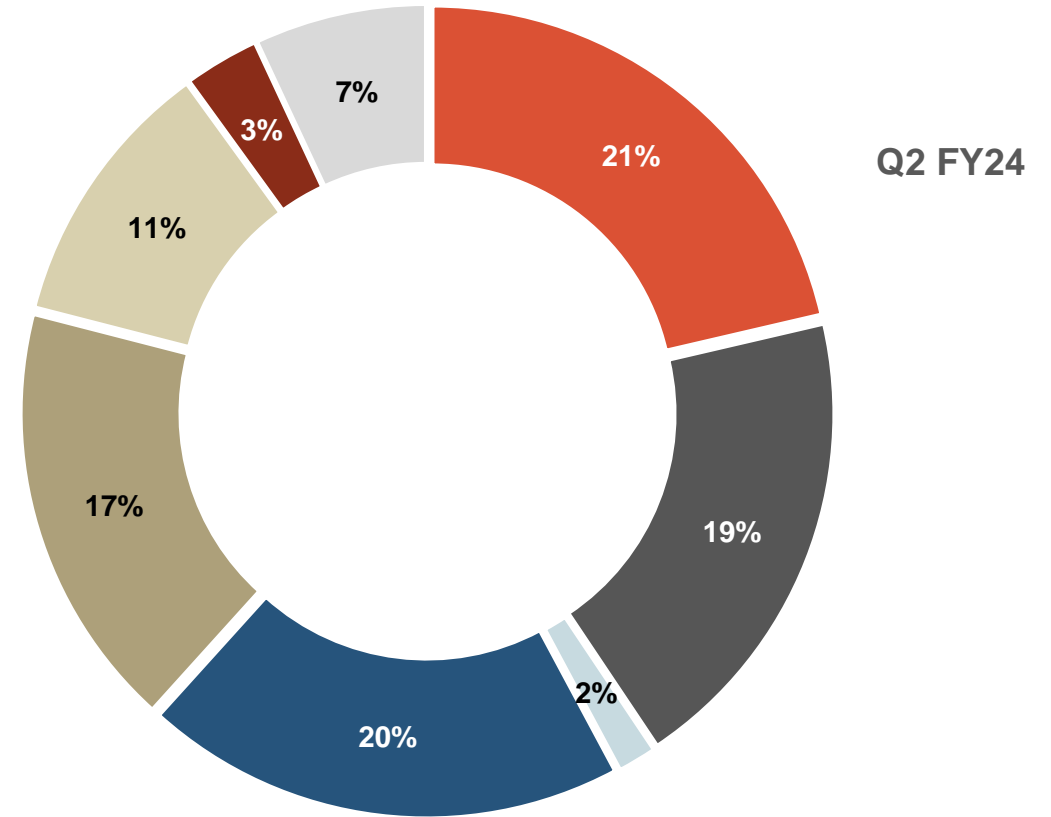
- Growth of **18% YoY** and **94% budget** achievement in H1 FY 24
- Growth of **17%** in **Q2 FY 24 vs Q2 FY 23** and **97% budget achievement in Q2 FY 24**
- **Highest ever revenue of Rs 9.48 cr.** achieved in Sept'23 primarily contributed by Cardiac Sciences, Neurosciences, Gastroenterology, Nephrology & Urology and Internal/Respiratory Medicine.

Diverse revenue mix across all specialties

Revenue mix by specialty Q2 FY23



Revenue mix by specialty Q2 FY24



- Heart
- Neuro
- Ortho
- Digestive
- Kidney & Urology
- Others
- Cancer
- Internal Medicine

- Heart
- Neuro
- Ortho
- Digestive
- Kidney & Urology
- Others
- Cancer
- Internal Medicine

Thank you 😊

