



# Q2 & H1 FY22-23 EARNINGS UPDATE

3<sup>rd</sup> November 2022



Certain statements in this presentation could be forward-looking in nature. Such forward-looking statements remain subject to certain risks and uncertainties like government actions, political or economic developments, technological risks, and certain other factors which cannot be quantified but which could cause actual results to differ materially from those underlined by those forward-looking statements. Rainbow Children's Medicare Ltd. will not be in any way responsible for any action taken based on such statements and does not undertake to publicly update these forward-looking statements to reflect subsequent events or circumstances.

# Overview of the Rainbow model



We are the largest Pediatric multi-specialty healthcare chain

Our core specialties include pediatrics, neonatal intensive care, pediatric intensive care, pediatric multi-specialty and pediatric quaternary care

"Birthright by Rainbow" is one of the largest obstetrics and gynecology service provider, which includes normal and complex obstetric care, multi-disciplinary fetal care, perinatal genetic and fertility care

Recognized for best practices

- 1JCI Certified, 10 NABH Certified, 3 EDGE Certified Hospitals



Note: <sup>1</sup>Numbers shown are for the period of H1 FY23; <sup>2</sup> Including full time residents and DNB





## An insight into the Rainbow approach

## UNIQUE OPERATING MODEL

Focused child centric healthcare network

Widest Suite of Pediatric and perinatal care specifically designed in child centric environment

Multi-disciplinary approach

Collaborative team approach to deliver better outcomes in patient care

Unique doctor engagement model

Full-time, 24X7 consultant led service

Hub and Spoke model for wider city coverage

Pediatrics and Obstetric Care and emergency

## POSITIONED TO DELIVER

Best in class financials

High on governance.  
Backed by professionals

ESG as a core principle

## LARGE ADDRESSABLE MARKET

## Children centric hospitals



Children centric environment and soothing interiors help in children to recover faster



Allocation of significant portion of capex towards interiors of hospitals for creating congenial environment





# Doctor engagement model fostering loyalty and sustainability with an institution-first approach

## Rainbow's doctor engagement model

- 670+ full time doctors
- A number of doctors trained or possess qualifications from the UK, USA, Canada, Australia
- Modern infrastructure and clinical back-up to provide quality care

- Retainer/Support in beginning years
- Competitive compensation and rewards
- Opportunities to grow, absorb in the Rainbow network
- Multidisciplinary approach to create comprehensive clinical environment and better work life balance



- Recognised as MRCPCH Examination Centre
- Recognised as training center<sup>1</sup> by National Board of Examinations
- Leading training program in India approved by National Board of Examinations

- Two decades of pioneering work
- One of the advanced institutes offering all Paediatrics specialities under one roof including quaternary care
- One of the leading comprehensive perinatal centres

✓ Increasing availability of medical talent

✓ High retention and loyalty

✓ Commitment to quality services

## Full suite of Pediatric offerings



### Pediatric Secondary care

- Pediatric outpatients
- Immunizations
- Developmental Screening
- Acute and seasonal illness



### Pediatric Tertiary intensive care

- Care of preterm babies with low/extremely low birth weight
- New born emergency transports
- Neonatal surgical Services
  
- Advanced ventilation including HFOV
- Pediatric neurocritical care services
- CRRT, plasmapheresis, hemodialysis
- ECMO services



### Pediatric Multi-specialty and Quaternary care

- Pediatric Surgery, urology and minimal invasive surgery
- Pediatric Cardiology and cardiac surgery
- Pediatric Neurology and neuro-surgery
- Pediatric Haemato-oncology
- Pediatric Gastroenterology and liver diseases
- Pediatric Nephrology
- Pediatric Pulmonology and allergy
- Pediatric transplantation (liver, kidney, bone-marrow)



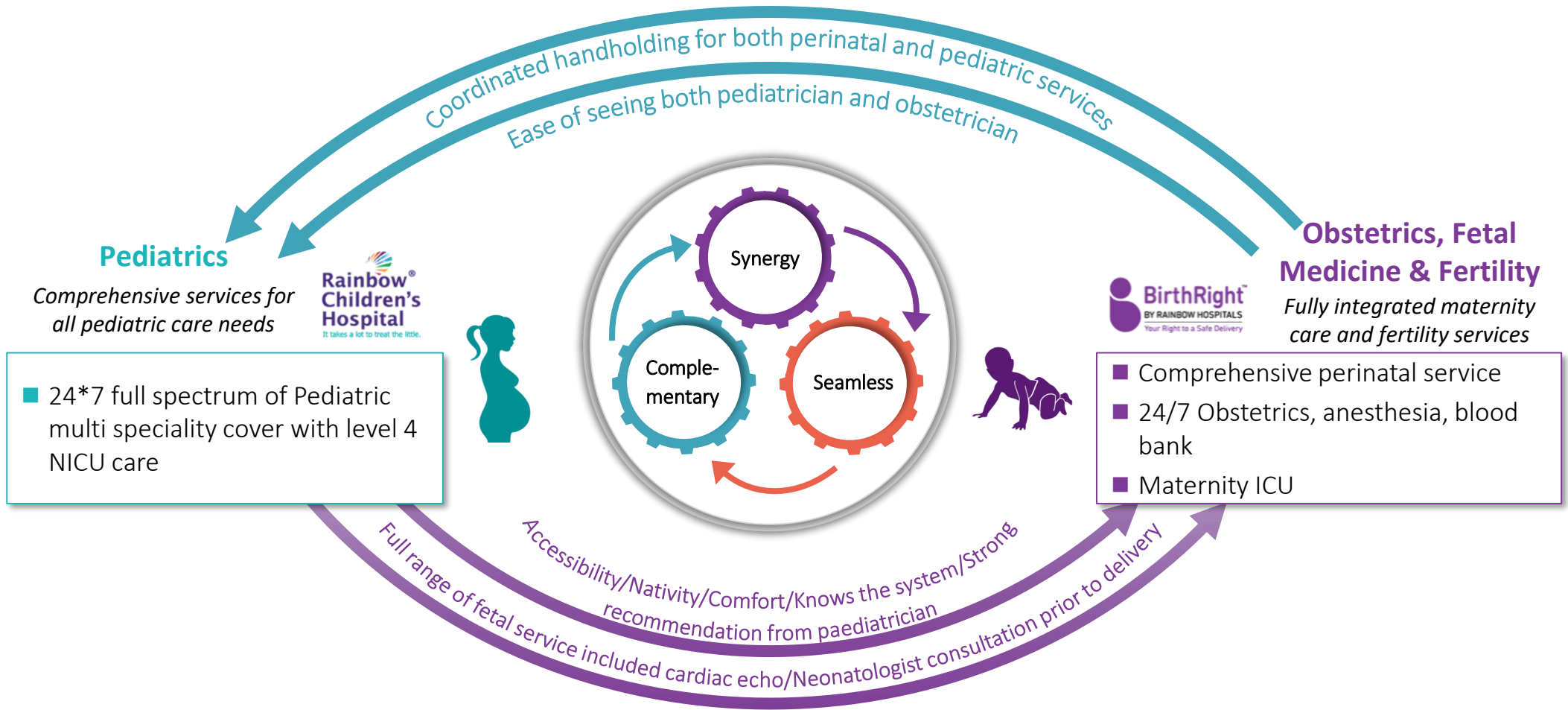
1/3rd beds allocated to critical care



10 hospitals accredited by NABH



# Comprehensive perinatal care provider, with synergies between paediatric and perinatal services



Better utilization of infrastructure



Comprehensive one-stop healthcare solutions



Brand extension & strengthening

# Hub and spoke approach to optimise delivery of patientcare services at scale

## City level hub and spoke model

Hub

Typically 150-250 beds

1-2 hubs per metro/city

Pediatrics super specialists

Tertiary & quaternary care



Spoke

Typically 50-100 beds

4-5 spokes around a hub

Refer complex cases to hub

Primary, secondary and basic tertiary care

## Regional level "South Connect" model



Regional spokes at 200-250 kms from city hubs

Regional spokes are to provide high quality Pediatric, obstetrics and gynaecology at tier-II cities and act as connecting bridge to address a large market

- robust transport network to save sick new born and children from districts,
- establish Pediatric sub-specialty outreach clinic at districts
- provide emergency service for maternal and Pediatric patients.



Accessibility of super-specialty at hubs, general pediatrics at spokes



Financially prudent expansion

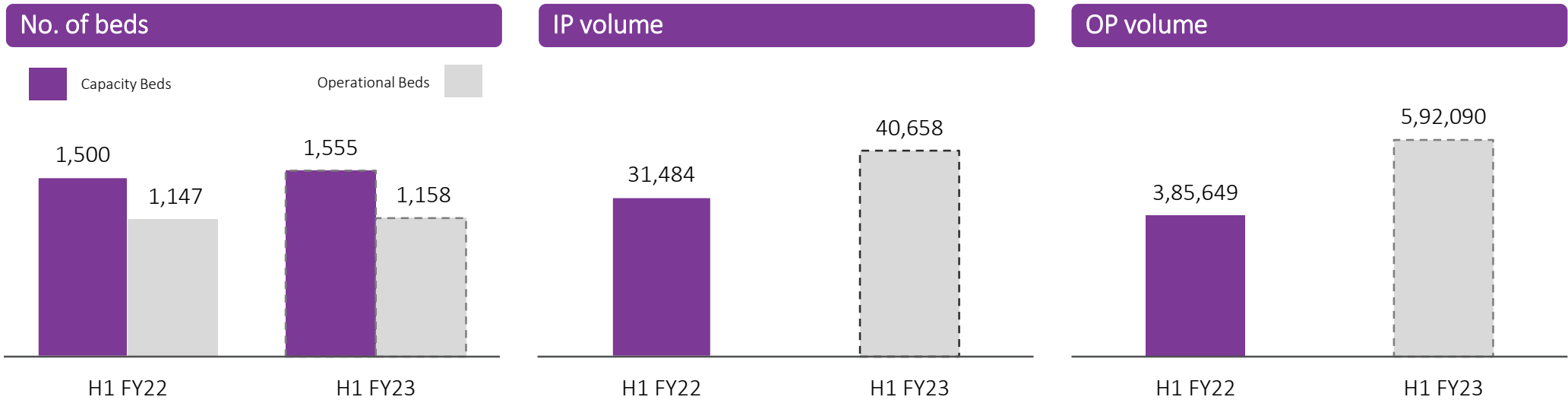


Network effect and synergies enhance operational efficiencies

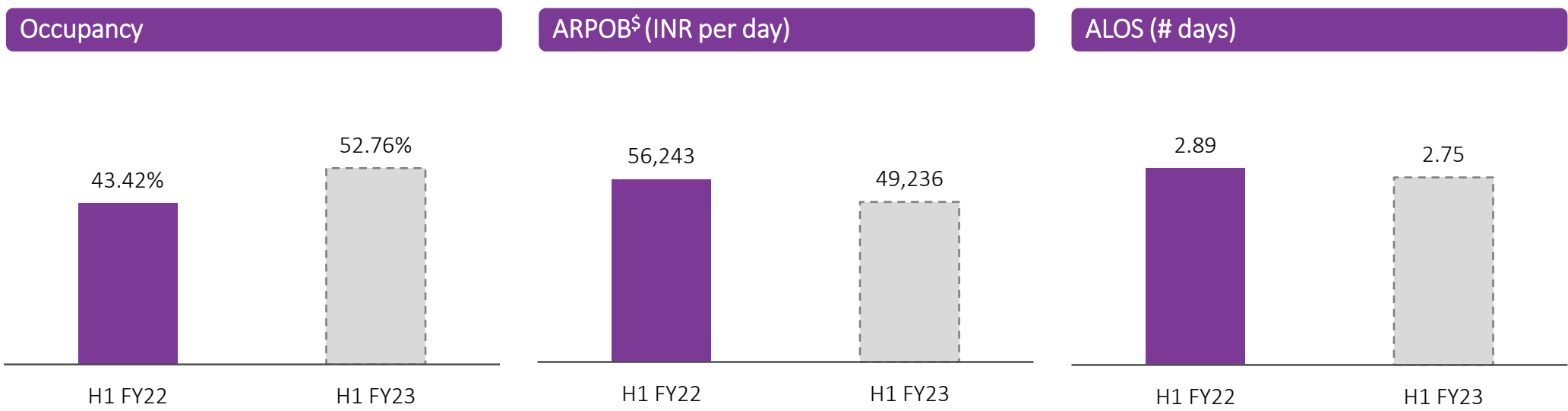


Positioned to deliver

# Progress backed by capabilities – Operating trends on YTD basis (H1 FY23)



Delivery volume in H1 FY22 : 6,225. Delivery volume in H1 FY23: 7,032



<sup>§</sup>ARPOB includes revenue from OP pharmacy sales and revenue from medical services fees. Revenues from covid vaccine in H1 FY21-22 were at Rs. 860 mn. Covid vaccine revenue impact on ARPOB during H1 FY21-22 at Rs. 9,437

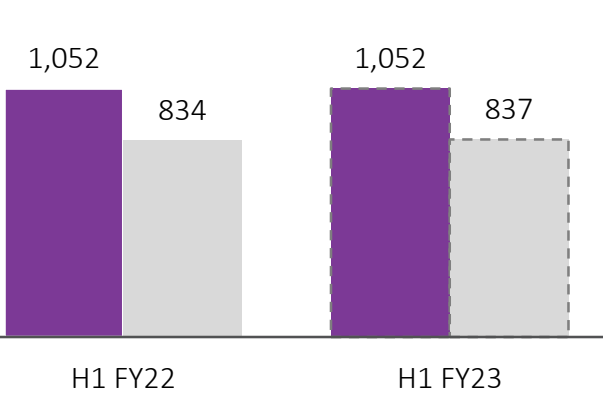


# Progress backed by capabilities – Operating trends maturity-wise, YTD perspective (H1 FY23)

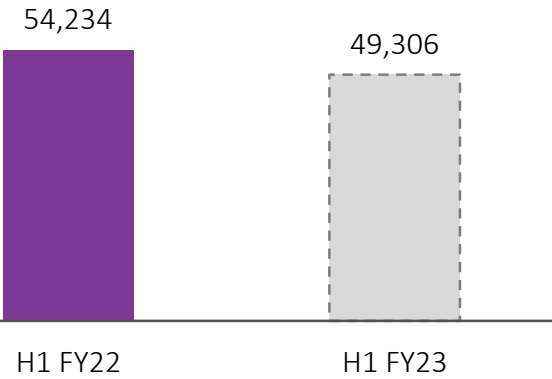
## Matured Hospitals\*

### No. of beds

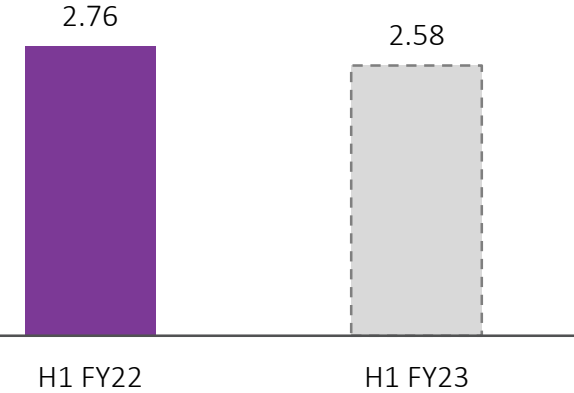
Capacity Beds Operational Beds



### ARPOB (INR per day)



### ALOS (# days)

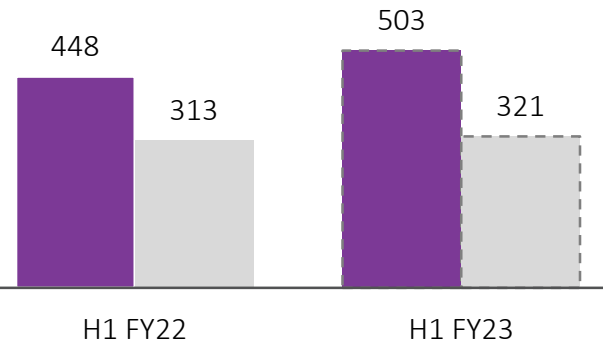


Occupancy in H1 FY22: 48.05%. Occupancy in H1 FY23 : 56.94%

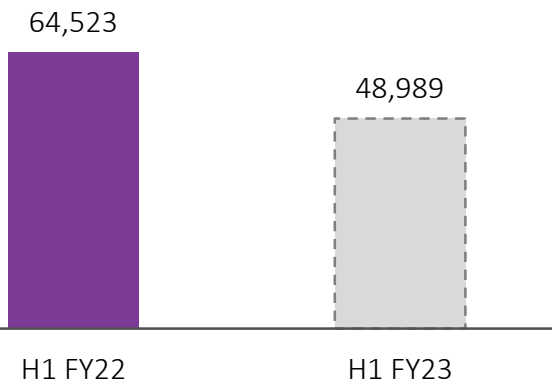
## New Hospitals<sup>§</sup>

### No. of beds<sup>^</sup>

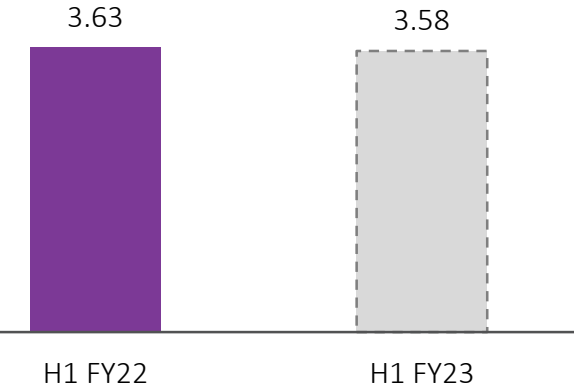
Capacity Beds Operational Beds



### ARPOB (INR per day)



### ALOS (# days)



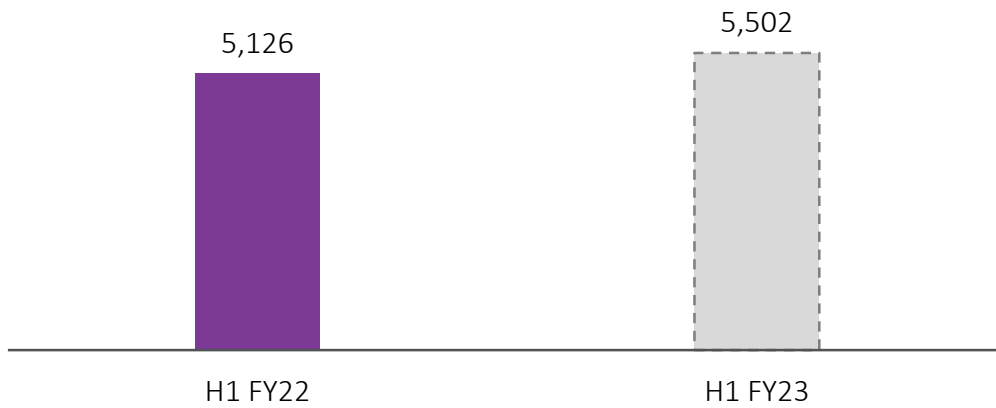
Occupancy in H1 FY22: 31.07%. Occupancy in H1 FY23 : 41.84%

\* Matured Hospitals include 8 hospitals which have completed 5 years of operations  
<sup>^</sup>OMR Hospital commenced operations on 1st Sep, 2022 with 45 operational beds. Weighted beds are considered for occupancy calculations

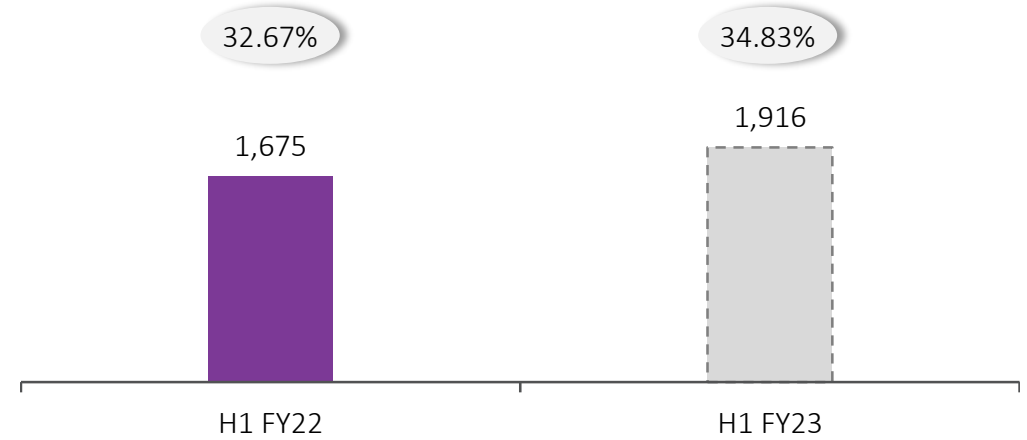
<sup>§</sup> New Hospitals include the hospitals which are under 5 years of operations: 1. Rainbow Children's Hospital, New Delhi, 2. Rainbow Children's Hospital, Chennai, 3. Rainbow Children's Heart Institute, Hyderabad, 4. Rosewalk by Rainbow Hospitals, New Delhi, 5. Rainbow Children's Hospital, Hebbal, Bangalore 6. Rainbow Children's Hospital, Visakhapatnam, 7. Rainbow Children's Hospital, OMR, Chennai

# Capturing a strong momentum – Financial trends for H1 FY23

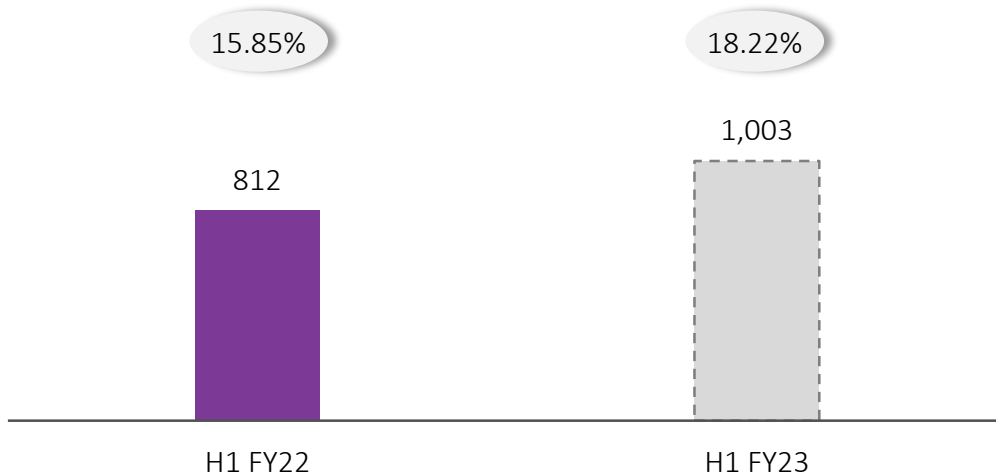
## Revenue (INR mm)



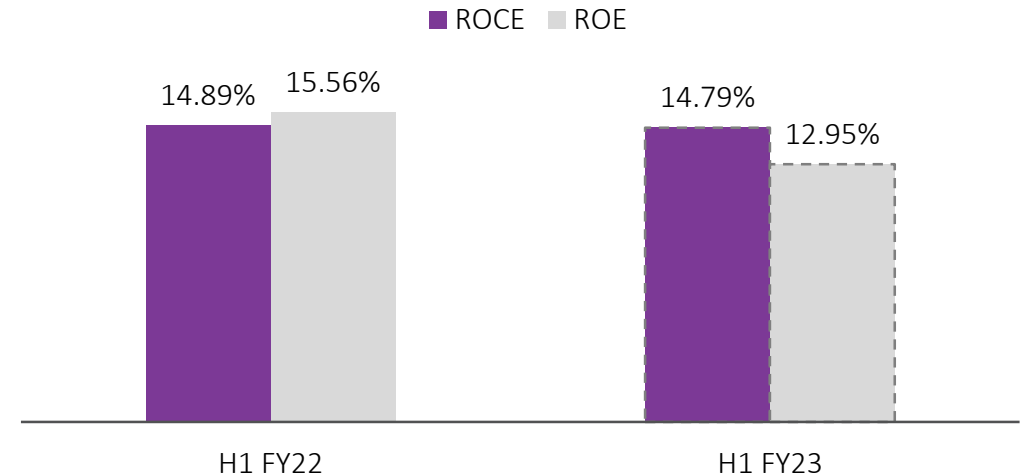
## Adjusted EBITDA (INR mm)



## PAT (INR mm)



## ROCE, ROE (%)

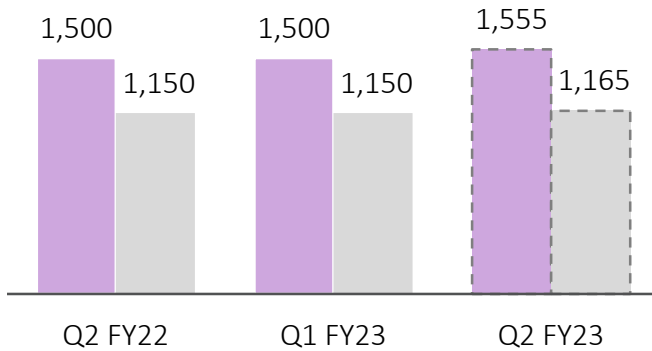


Revenues from covid vaccine in H1 FY21-22 was at Rs. 860 mn.

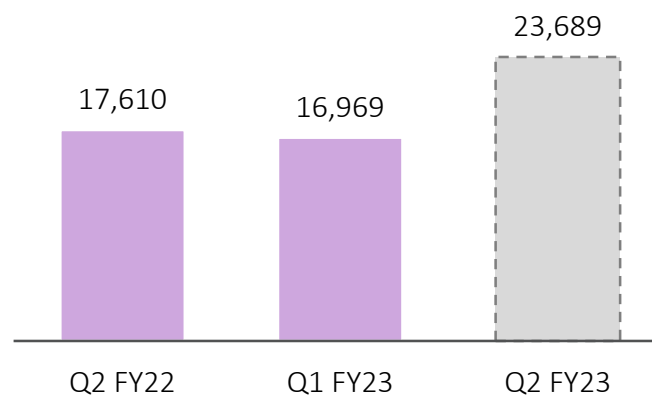
# Progress backed by capabilities – Operating trends quarter-wise

## No. of beds

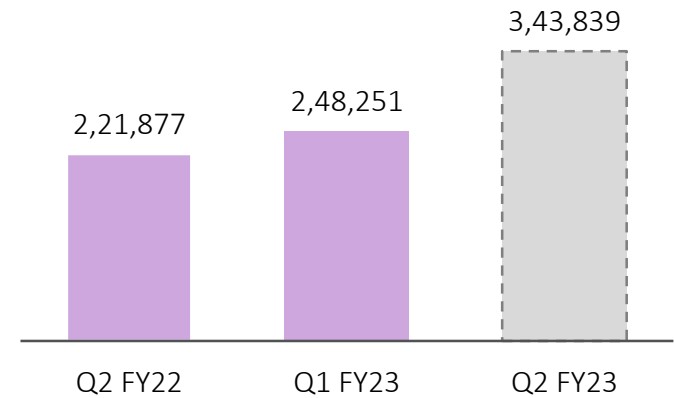
Capacity Beds Operational Beds



## IP volume

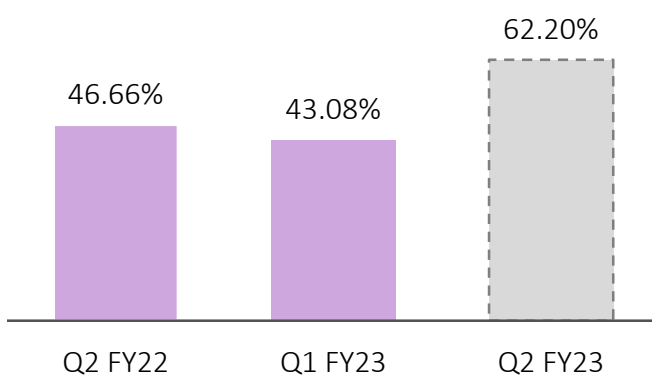


## OP volume

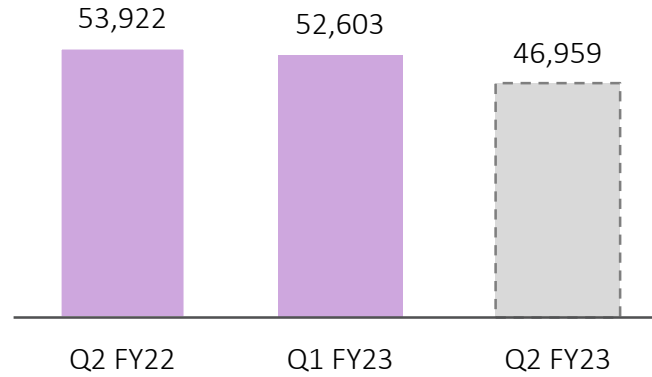


Delivery volume in Q2 FY22: 3,385. Delivery volume in Q1 FY23 : 3,192. Delivery volume in Q2 FY23 : 3,840

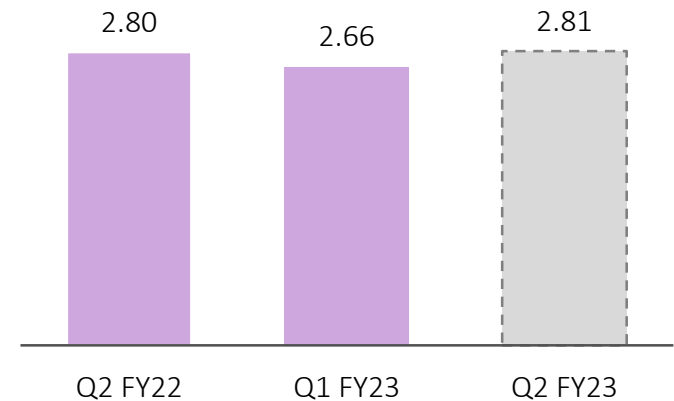
## Occupancy



## ARPOB<sup>§</sup> (INR per day)



## ALOS (# days)



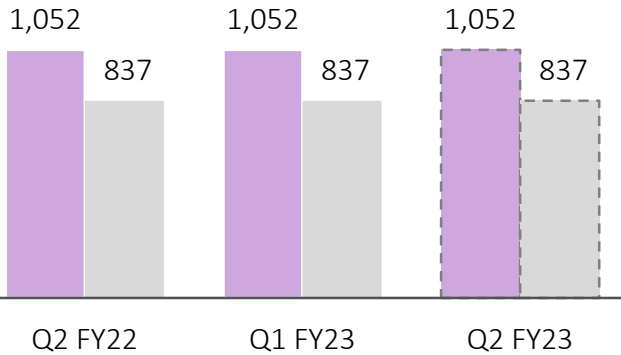
§ COVID Vaccine in Q2 FY21-22 was Rs. 420 Mn. Covid vaccine revenue impact on ARPOB in Q2 FY21-22 was Rs. 8,601.

# Progress backed by capabilities – Operating trends maturity-wise for quarter

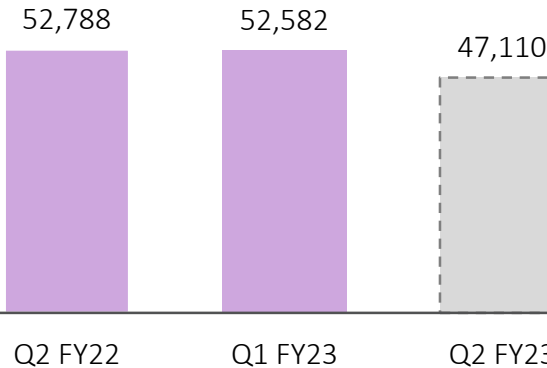
## Matured Hospitals\*

### No. of beds

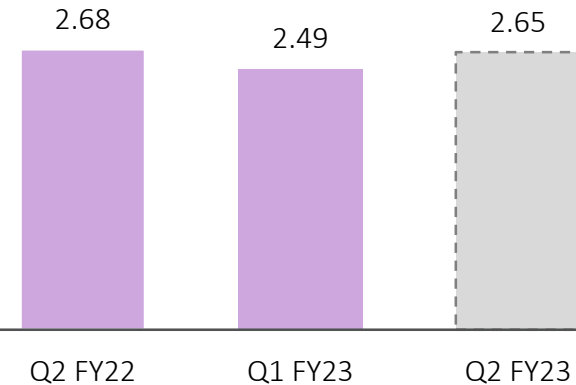
Capacity Beds Operational Beds



### ARPOB (INR per day)



### ALOS (# days)

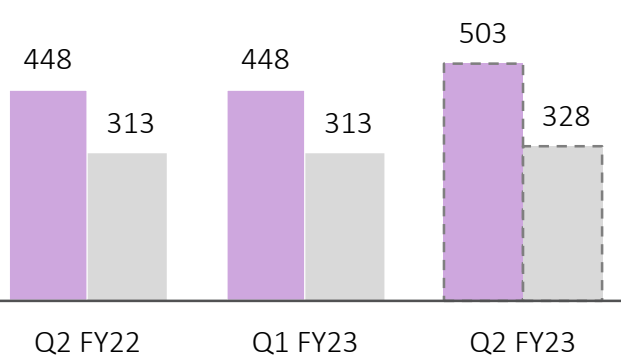


Occupancy in Q2 FY22: 52.15%. Occupancy in Q1 FY23 : 45.94%. Occupancy in Q2 FY23 : 67.82%

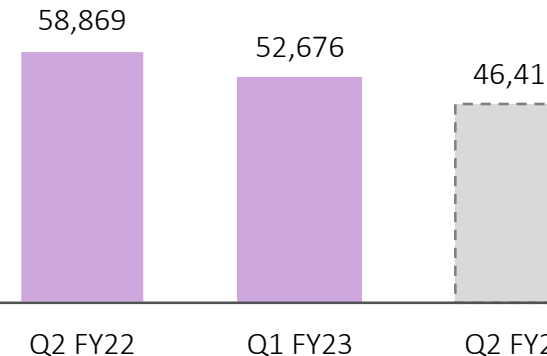
## New Hospitals<sup>§</sup>

### No. of beds<sup>^</sup>

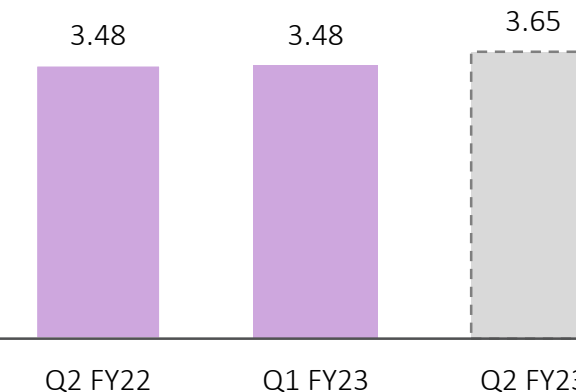
Capacity Beds Operational Beds



### ARPOB (INR per day)



### ALOS (# days)



Occupancy in Q2 FY22: 31.99%. Occupancy in Q1 FY23 : 35.44%. Occupancy in Q2 FY23 : 47.86%

\* Matured Hospitals include 8 hospitals which have completed 5 years of operations

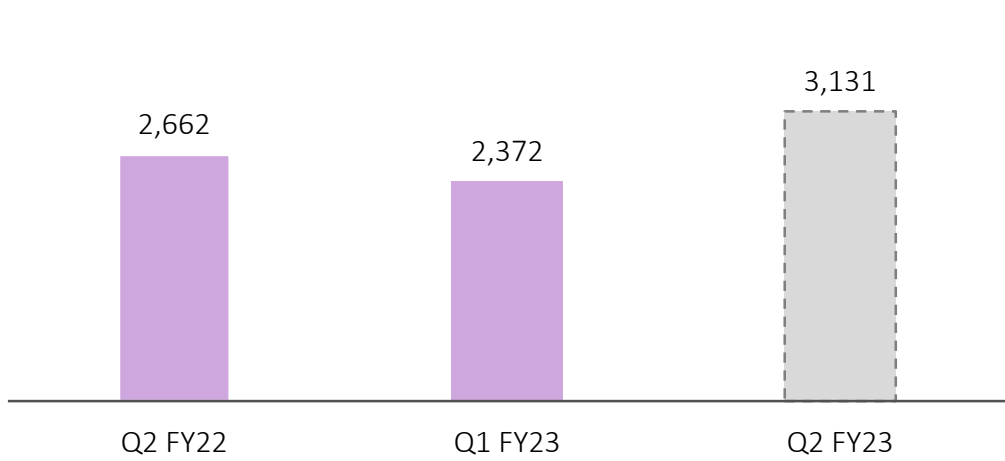
<sup>^</sup>OMR Hospital commenced operations on 1st Sep, 2022 with 45 operational beds. Weighted beds are considered for occupancy calculations

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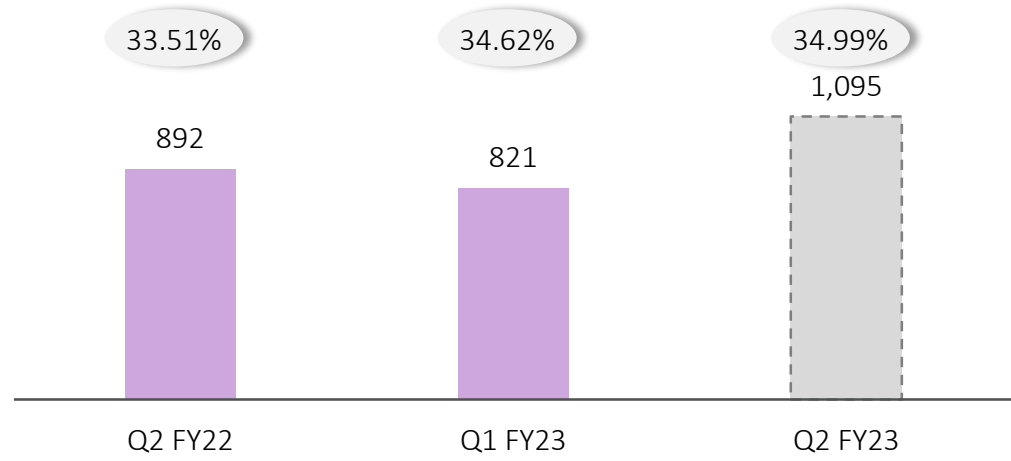


# Continuing momentum – Financial trends for Q2 FY23

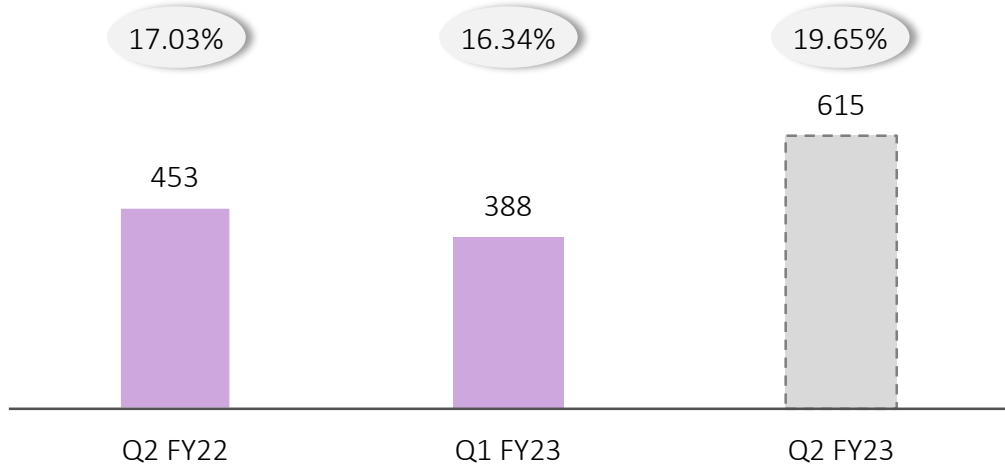
## Revenue (INR mm)



## Adjusted EBITDA (INR mm)



## PAT (INR mm)



COVID Vaccine in Q2 FY21-22 was Rs. 420 Mn

## Restated consolidated statement of profit and loss

<i>All numbers in INR mm</i>	Q2 FY23	Q1 FY22	Q2 FY22	YoY Growth	QoQ Growth	H1 FY23	H1 FY22	YoY Growth
<b>Income</b>								
Revenue from operations	3,130.52	2,371.52	2,661.98	18%	32%	5,502.04	5,125.55	7%
Other income	75.63	60.33	49.02	54%	25%	135.96	70.37	93%
<b>Total income</b>	<b>3,206.15</b>	<b>2,431.85</b>	<b>2,711.00</b>	<b>18%</b>	<b>32%</b>	<b>5,638.00</b>	<b>5,195.92</b>	<b>9%</b>
<b>Expenses</b>								
Medical consumables and pharmacy items consumed	435.05	318.02	640.54	-32%	37%	753.07	1,228.84	-39%
Employee benefits expense	344.91	305.38	300.62	15%	13%	650.29	552.09	18%
Finance costs	132.75	142.16	123.38	8%	-7%	274.91	253.36	9%
Depreciation and amortisation expense	224.46	219.12	205.38	9%	2%	443.58	398.51	11%
Professional fees to doctors	705.09	562.12	422.70	67%	25%	1,267.21	967.58	31%
Other expenses	550.24	365.09	406.02	36%	51%	915.33	702.30	30%
<b>Total expenses</b>	<b>2,392.50</b>	<b>1,911.89</b>	<b>2,098.64</b>	<b>14%</b>	<b>25%</b>	<b>4,304.39</b>	<b>4,102.68</b>	<b>5%</b>
<b>Profit before tax</b>	<b>813.65</b>	<b>519.96</b>	<b>612.36</b>	<b>33%</b>	<b>56%</b>	<b>1,333.61</b>	<b>1,093.24</b>	<b>22%</b>
Tax expenses:								
(a) Current tax	237.18	156.40	158.92	49%	52%	393.58	309.35	27%
(b) Deferred tax expense/(credit)	(38.62)	(24.05)	0.06		61%	(62.67)	(28.29)	
Total tax expense	<b>198.56</b>	<b>132.35</b>	<b>158.98</b>	<b>25%</b>	<b>50%</b>	<b>330.91</b>	<b>281.06</b>	<b>18%</b>
<b>Profit for the period/year</b>	<b>615.09</b>	<b>387.61</b>	<b>453.38</b>	<b>36%</b>	<b>59%</b>	<b>1,002.70</b>	<b>812.18</b>	<b>23%</b>

## Board of directors



**Dr. Ramesh Kancharla**  
 Chairman & Managing Director  
 MD (Pediatrics) & MBBS (UK)

- Specialist in pediatric Gastroenterology, Hepatology and Nutrition
- Worked in prestigious hospitals such as King's College Hospital, London, Great Ormond Street Children's Hospital – London and is a member of the Royal Colleges of Physicians of the United Kingdom
- Awarded the Lifetime Achiever of the Year in Pediatric Gastroenterology & Hepatology by Times of India in the year 2017



**Dr. Dinesh Kumar Chirla**  
 Whole-time Director



**Aluri Srinivasa Rao**  
 Independent Director



**Dr. Anil Dhawan**  
 Independent Director



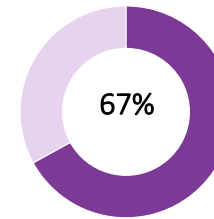
**Santanu Mukherjee**  
 Independent Director



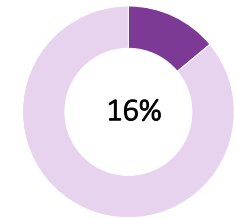
**Sundari Raviprasad Pisupati**  
 Independent Director

## Board composition

Independent directors



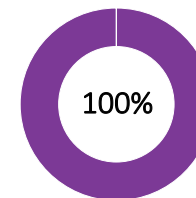
Woman directors



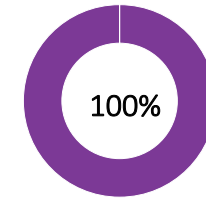
## Committees of the board

■ % Independent

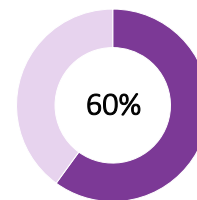
Audit committee



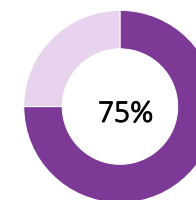
Remuneration committee



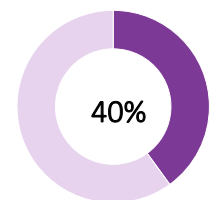
CSR committee



Stakeholder committee



Risk committee

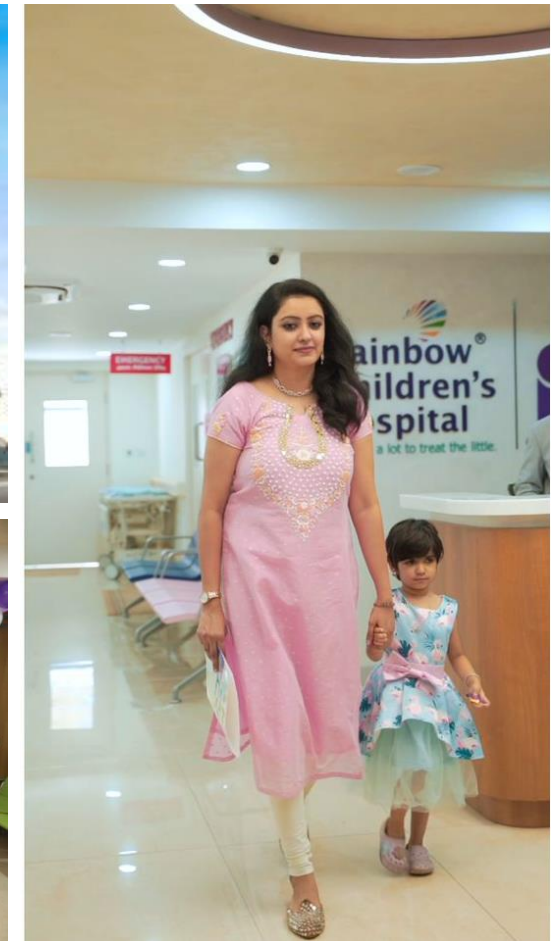




## Expansion and Progress



- The Company's first spoke hospital at Chennai, a 55-beds hospital at OMR (Sholinganallur), has commenced operations in September 2022
- OMR hospital will provide consultant led 24X7 pediatric and obstetrics emergencies, outpatient services, level 3 NICU services
- Initiates the hub-and-spoke model in the city and complements the existing, 135- beds hub hospital at Guindy, Chennai
- The hospital has seen good traction and conducted 1000+ outpatient visits in the first month of operation



OMR, Chennai

- The spoke hospital at Financial district, Hyderabad is in the final stage of completion and is expected to commence operations in Q4 of the current financial year
- Project work for spoke hospitals at Central Hyderabad and Anna Nagar, Chennai are progressing well and these hospitals are expected to commence operations during the next financial year
- New asset light 100 beds greenfield hospital (regional spoke) at Rajahmundry, Andhra Pradesh received permission from the government. The lessor will commence the project work soon at the site.
- The company signed an agreement with the lessor to construct an additional block with 50 beds at Rainbow Hydernagar, Hyderabad to cater to future growth at this spoke hospital



Anna Nagar, Chennai





“ It takes a lot to treat the little ”

Thank you



Rainbow  
Appendix

Team BirthRight



# Pioneering comprehensive paediatric healthcare with robust infrastructure

## Hyderabad



250 Banjara hills, 1999



110 Vikramপুরi, 2007



110 Hydernagar, 2014



100 LB Nagar, 2016



50 Kondapur, 2013



110 RCHI<sup>1</sup>, 2019

## Bengaluru



200 Marathahalli, 2015



102 BG Road, 2016



50 Hebbal, 2020

## Delhi



130 Malviya Nagar<sup>2</sup>, 2017



24 Rosewalk<sup>3</sup>, 2019

## Andhra Pradesh



129 Visakhapatnam, 2020



130 Vijayawada, 2007

## Chennai



135 Guindy, 2018



55 Sholinganallur, 2022



## Awards and recognition

Guinness World record



LIMCA book of records



CNBC



The Week

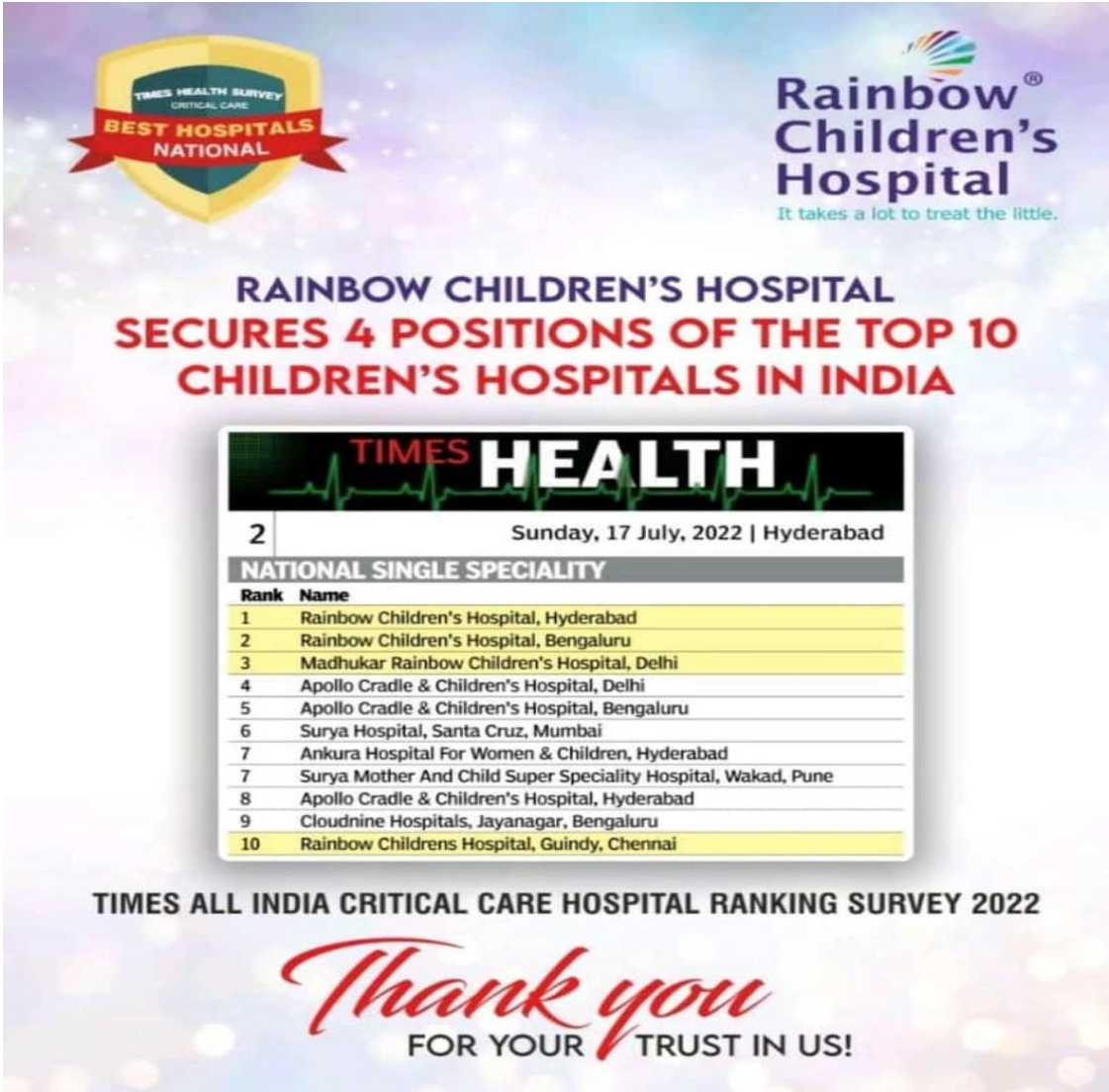


Times Healthcare Achievers  
Telugu States



Federation of Telangana and Andhra Pradesh,  
Chambers of Commerce and Industry





**TIMES HEALTH SURVEY  
CRITICAL CARE  
BEST HOSPITALS  
NATIONAL**

**Rainbow<sup>®</sup>  
Children's  
Hospital**  
It takes a lot to treat the little.

**RAINBOW CHILDREN'S HOSPITAL  
SECURES 4 POSITIONS OF THE TOP 10  
CHILDREN'S HOSPITALS IN INDIA**

**TIMES HEALTH**

2 Sunday, 17 July, 2022 | Hyderabad

**NATIONAL SINGLE SPECIALITY**

Rank	Name
1	Rainbow Children's Hospital, Hyderabad
2	Rainbow Children's Hospital, Bengaluru
3	Madhukar Rainbow Children's Hospital, Delhi
4	Apollo Cradle & Children's Hospital, Delhi
5	Apollo Cradle & Children's Hospital, Bengaluru
6	Surya Hospital, Santa Cruz, Mumbai
7	Ankura Hospital For Women & Children, Hyderabad
7	Surya Mother And Child Super Speciality Hospital, Wakad, Pune
8	Apollo Cradle & Children's Hospital, Hyderabad
9	Cloudnine Hospitals, Jayanagar, Bengaluru
10	Rainbow Childrens Hospital, Guindy, Chennai

**TIMES ALL INDIA CRITICAL CARE HOSPITAL RANKING SURVEY 2022**

*Thank you*  
FOR YOUR TRUST IN US!

All Hubs hospitals of Rainbow located at Hyderabad, Bangalore, Chennai and New Delhi were among the top 10 pediatric hospital in the country



Dr Ramesh Kancharla –  
Awarded the title “News Maker of the Year”  
by FE Healthcare Summit 2022





Madhukar Rainbow Children's Hospital receives award for Exemplary Work In Pediatric and Neonatal Care

**Rainbow Medi**  
656.00  
1.09% ▲

**Rainbow Medicare**  
**Children's Hospitals Have Different Fundamentals**

14:05  
**NIFTY BANK**  
38947.55  
▼ 230.50

on<sup>5</sup> 1.5m 277.00 ▼ 5.85  
BjAuto<sup>10</sup> 126.1k 3574.40 ▼  
8.00 ▼ 6.15  
Take<sup>1</sup> 102.9k 24.75 ▼ 0.55  
Tat

CNBC TV18

**Rainbow Medi**  
656.35  
1.14% ▲

**Medicare**  
**Our Target Is To Grow By Approximately 18%**

Mon, 10 Oct  
**Nifty 50 Oct**  
17130.30  
Disc 21.80

3m 163.95 ▼ 0.35  
Nykaa<sup>1</sup> 426.8k 1270.75 ▼ 13.55  
.35 ▼ 0.20  
HSeide<sup>5</sup> 473.3k 104.30 ▼ 3.45

CNBC TV18






## CONGRATULATIONS



**Dr. Lokesh Lingappa**  
Consultant Child and Adolescent Neurologist


For featuring in  
**Outlook Best Doctors South - 2022**

18002122  
Rainbow Children's Hospital and BirthRight, Banjara Hills. [www.rainbowhospitals.in](http://www.rainbowhospitals.in)



Presents

## BEST DOCTORS SOUTH 2022




## CONGRATULATIONS




**Dr. Ratna Durvasula**  
Consultant Infertility

For featuring in  
**Outlook Best Doctors South - 2022**

18002122  
Rainbow Children's Hospital and BirthRight, Kondapur. [www.rainbowhospitals.in](http://www.rainbowhospitals.in)



## CONGRATULATIONS



**Dr. Praveena Shenoi**  
Senior Consultant - Obstetrics and Gynaecology

For featuring in  
**Outlook Best Doctors South - 2022**

18002122  
Rainbow Children's Hospital and BirthRight, Marathahalli. [www.rainbowhospitals.in](http://www.rainbowhospitals.in)



## CONGRATULATIONS



**Dr. V. Vamsi Sivarama Raju**  
Consultant Neonatologist & Pediatrician

For featuring in  
**Outlook Best Doctors South - 2022**

18002122  
Rainbow Children's Hospital and BirthRight, Vijayawada. [www.rainbowhospitals.in](http://www.rainbowhospitals.in)



## CONGRATULATIONS



**Dr. Vidyasagar Chandankere**  
Consultant Orthopedics

For featuring in  
**Outlook Best Doctors South - 2022**

18002122  
Rainbow Children's Hospital and BirthRight, Secunderabad. [www.rainbowhospitals.in](http://www.rainbowhospitals.in)

## FIRST TIME IN INDIA: Advance High Frequency Ventilation with Nitric Oxide gas in Ambulance



October, 2022

A newborn baby delivered at a district hospital who experienced breathing problems and other complications was treated with surfactant, HFOV, and inhaled nitric oxide for three days with two chest drains to assist her lung holes mend. The newborn care, nurse assistance, and advanced infrastructure at Level 4 NICU enabled the infant live and recuperate by the eighth day, and she was discharged on the eleventh. Because there has never been a critical care centre like this available during transportation in India before, the entire operation was groundbreaking and unique.



నమస్తే తెలంగాణ



నైట్రిక్ ఆక్సైడ్తో హై ఫ్రీక్వెన్సీ వెంటిలేషన్

దేశంలోనే తొలిసారి ప్రారంభించిన రెయిన్ బో

హైదరాబాద్ సిటీబ్యూరో, అక్టోబర్ 6 (నమస్తే తెలంగాణ): దేశంలోనే తొలిసారిగా అంబులెన్స్ లో నైట్రిక్ ఆక్సైడ్ తో కూడిన హై ఫ్రీక్వెన్సీ వెంటిలేషన్ ను అందుబాటులోకి తెచ్చామని హైదరాబాద్ రెయిన్ బో చిల్డ్రన్స్ దవాఖాన వైద్యనిపుణుడు డాక్టర్ నలినీకాంత్ పాణిగ్రాహి తెలిపారు. ఆక్సిజన్ తీసుకోలేని క్లిష్టమైన కేసులను అత్యవసర చికిత్స కోసం ఒక దవాఖాన నుంచి మరో దవాఖానకు వెంటిలేషన్ పై తరలించడం వల్ల శిశువు ఆరోగ్యం క్షీణించే ప్రమాదం ఉంటుందని తెలిపారు. ఇటువంటి క్లిష్ట పరిస్థితులను అధిగమించేందుకు ఈ వెంటిలేషన్ సౌకర్యాన్ని తీసుకొచ్చామని పేర్కొన్నారు. గోవా, మహారాష్ట్ర, తదితర దూర ప్రాంతాల నుంచి ఇప్పటికే ఏమంది నవజాత శిశువులను నైట్రిక్ ఆక్సైడ్ తో కూడిన హై ఫ్రీక్వెన్సీ వెంటిలేషన్ ద్వారా సురక్షితంగా రెయిన్ బోకు తరలించి, మెరుగైన చికిత్స అందిస్తున్నట్టు వివరించారు.

07/10/2022 Pg 06

THE HINDU

Advanced lung protection strategy on wheels saves sick baby

Staff Reporter HYDERABAD

The neonatal transport team of Rainbow Children's Hospital stated that, for the first time in India, an HFOV ventilator and inhaled nitric oxide was used during transport to save the life of a sick baby.

On reaching Rainbow's Neonatal ICU, the baby, who was born in a district hospital and developed breathing problems and other complications, was treated with surfactant, high-frequency oscillator-y ventilation (HFOV), and given inhaled nitric oxide for three days with two chest drains to help her lung holes heal.



నవజాత శిశువుల కోసం అత్యధునిక అంబులెన్స్ సేవ



నవతెలంగాణ-బెంగళూరు హిల్స్  
నవజాత శిశువులు, చిన్నపిల్లల కోసం రెయిన్ బో చిల్డ్రన్స్ హాస్పిటల్ అత్యధునిక అంబులెన్స్ సేవలను ప్రారంభించింది. తెలంగాణ, ఆంధ్రప్రదేశ్, తమిళనాడు, కర్ణాటక, ఢిల్లీలో కారవాణా సేవలను అందుబాటులోకి తెచ్చినట్లు యాజమాన్యం ప్రకటించింది. ఈనందర్భంగా డాక్టర్ చిద్ల దినేష్, డాక్టర్ నళినీకంత్ పానిగ్రాహి మాట్లాడుతూ అత్యధునిక అంబులెన్స్ లో అత్యధునిక నైట్రిక్ ఆక్సైడ్ తోపాటు హై ఫ్రీక్వెన్సీ వెంటిలేషన్, వెంటిలేటర్, ఇన్ క్యుబేటర్, మానిటర్, సిరంజ్ పంప్స్, డిఫ్రీబిలేటర్ ఉంటాయని తెలిపారు. అప్పుడే పుట్టిన శిశువులను తరలించే సమయంలో సీనియర్ డాక్టర్లు, నర్సులు ఉండి డగ్గర్లోని హాస్పిటల్ కు చేరుకునేంత వరకు ఐసీయూ డ్రైవ్ మెంట్ అందిస్తారని చెప్పారు. ఇటీవల మహారాష్ట్రలోని నాందేడ్ జిల్లాలో పీపీ హెచ్ఎన్ఎ వ్యాధితో బాధపడుతున్న మూడు రోజుల నవజాత శిశువుకు బయో మెడికల్ టీం, రెయిన్ బో ఆస్పత్రి వైద్యులు సంయుక్తంగా కలిసి చికిత్స అందించారని తెలిపారు. ఎనిమిది రోజుల తర్వాత కోలుకోని 15 రోజుల్లో సాధారణ స్థితికి చేరుకుందని వివరించారు. అలాగే రాయ్ పూర్, గోవా, వైజాగ్ లో రెయిన్ బో హాస్పిటల్ ఎమర్జెన్సీ ఎయర్ అంబులెన్స్ సేవలు అందిస్తున్నామని వారు తెలియజేశారు.

## FIRST OF A KIND: Ex utero Intrapartum Treatment (EXIT) given to save unborn baby



October, 2022

Doctors at Rainbow Children's Medicare, Banjara Hills performed an 'ex utero intrapartum treatment (EXIT)', a unique and life saving procedure to remove a 600 gramme mass from an unborn baby as it was being delivered. This mass was obstructing the breathing tube and food pipe of the baby and would have impacted natural breathing. The baby is healthy now post the successful procedure and is breathing on its own.





# Rare procedure saves unborn baby

TIMES NEWS NETWORK

**Hyderabad:** A woman and her unborn baby underwent a rare ex utero intrapartum treatment (EXIT) at Rainbow Children's Hospital at Banjara Hills which is a first-of-its-kind instance in the Telugu states. The couple hailing from Warangal was initially de-

vastated to learn that their unborn baby had a huge neck mass during a routine pregnancy scan and was advised to undergo an abortion. Dr Sravanthi, a foetal medicine specialist, explained to them that the huge mass was obstructing the breathing tube and food pipe of the baby and that for any chance of the baby's survival, they

would need to perform a very unique and rare procedure called EXIT. Just before the delivery, a foetal medicine team performed cyst reduction to decrease the size of the mass to facilitate the delivery of the baby. The child, who is now five months old, is successfully breathing on her own.

## పాక్షిక ప్రసవంలో శిశువుకు శస్త్రచికిత్స

- తలను మాత్రం బయటకు తీసి సర్జరీ
- మెడపై ఏర్పడిన కణితి తొలగించు
- ప్రసవం తర్వాత వెంటిలేటర్పై చికిత్స
- 'ఎగ్జిట్ ప్రాసీజర్'తో శిశువు ప్రాణాలు కాపాడిన రెయిన్ బో వైద్యులు



కోలుకున్న శిశువుతో రెయిన్ బో వైద్యులు

హైదరాబాద్ సీటీ, ఆక్టోబర్ 27 (ఆంధ్రజ్యోతి): ప్రసవ సమయంలోనే ఓ శిశువుకు రెయిన్ బో ఆస్పత్రి వైద్యులు అరుదైన శస్త్రచికిత్స చేసి ప్రాణాలు కాపాడారు. శిశువు తలను బయటకు తీసి, మిగతా శరీర భాగాన్ని తల్లి కడుపులో ఉంచి, మెడపై ఏర్పడిన కణితిని తొలగించారు. దాదాపు నాలుగు గంటల పాటు 25 మంది వైద్యులు 'ఎగ్జిట్ ప్రాసీజర్' నిర్వహించి, ఆ శిశువుకు ఉపరిచిపోశారు. ఈ వివరాలను గురువారం ఆస్పత్రి వైద్య బృందం వివరించింది. వరంగల్ వుండే మహిళకు ఐదు నెలలు సింధాక స్వాసింగ్ చేయగా కడుపులోని శిశువు మెడమీద కణితి

ఉన్నట్లు తేలింది. దీంతో బంజారాహిల్స్ లో రెయిన్ బో వైద్యుల సందర్శించారు. ఆమెను వీటిల్ మెడిసిన్ స్పెషలిస్ట్ డాక్టర్ ప్రసవం పరిశీలించి, శిశువు మెడమీద బారీ కణితి క్యాన్సర్, ఆహార నాళాలకు అడ్డు ఉందని నిర్ధారణకు వచ్చారు. ప్రసవం తర్వాత శిశువుకు కణితి వల్ల క్యాన్సర్ వీల్చుకోవడం కమవుతుంది. తగినంత ఆక్సిజన్ అందడం వరకు వల్ల త్రియన్ డ్యూమేట్ ఆయితే ప్రాణ నష్టం ముప్పు దీంతో నెలలు సింధాక ఎగ్జిట్ ప్రాసీజర్ (ఎగ్జిట్ యుటిల్ ఆంటోపార్టమ్ డ్రైట్ మెంట్) నిర్వహించాలని నియించారు. సిజేరియన్ ద్వారా పాక్షికంగా ప్రసవం చేసి, ప్లాస్టర్ నుంట్లకు, ఆక్సిజన్ సరఫరా యధావిధిగా జరిగేలా జాగ్రత్తలు తీసుకుంటూ ఈ తిని తోలించారు. ఆ తర్వాత తల్లి కడుపు నుండి దీర్ఘ సూక్తిగా బయటకు తీసి, ఎన్ఎస్యూలో 90 రోజుల పాటు హై ప్రెజర్ మెంటిటర్పై చికిత్స అందించారు. ఇప్పుడు శిశువు హైల్ ఆరోగ్యంగా ఉంది. దీనిని రెయిన్ బో వైద్యులు తెలిపారు.

**Hyderabad: Rainbow Children's Hospital doctors remove 600 g mass from unborn baby**

After nine years of marriage and six miscarriages, Sasikala of Warangal conceived again.

HYDERABAD: A team of doctors at Rainbow Children's Hospital performed "ex utero intrapartum treatment (EXIT), a unique and life-saving procedure to remove a 600-gramme mass from a baby just as it was being delivered by a pregnant woman.

After nine years of marriage and six miscarriages, Sasikala of Warangal conceived again. Though initially there were no abnormalities, doctors identified a 4-5 centimetre length tumour on the foetus in the 25th week of pregnancy, which rapidly increased to seven centimetres in the next four weeks.

Dr Sravanthi explained to Sasikala and her husband Priyadarshan the need to perform EXIT stating that though the baby is surviving in the mother's womb because the oxygen is supplied from the mother's blood through the placenta, post delivery it's not possible for the baby to breathe natural due to the huge mass.

After a prolonged pregnancy of 37 weeks, the mother underwent a caesarean section on April 14 and a team of doctors, led by Dr Vijayanand, successfully performed EXIT.

Addressing a press conference on Thursday, Senior Obstetrician Dr Shruthi said: "The baby is healthy now. It was a unique experience to deliver the baby's head but not the rest of the body, and holding for 11 minutes to monitor foetal wellbeing by foetal umbilical cord pulsation till airway is established."

### RARE OP

## Rainbow docs remove 600 g mass from unborn baby

**EXPRESS NEWS SERVICE @Hyderabad**

A team of doctors at Rainbow Children's Hospital performed "ex utero intrapartum treatment (EXIT), a unique and life-saving procedure to remove a 600-gramme mass from a baby just as it was being delivered by a pregnant woman.

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## हिन्दी मिलाप

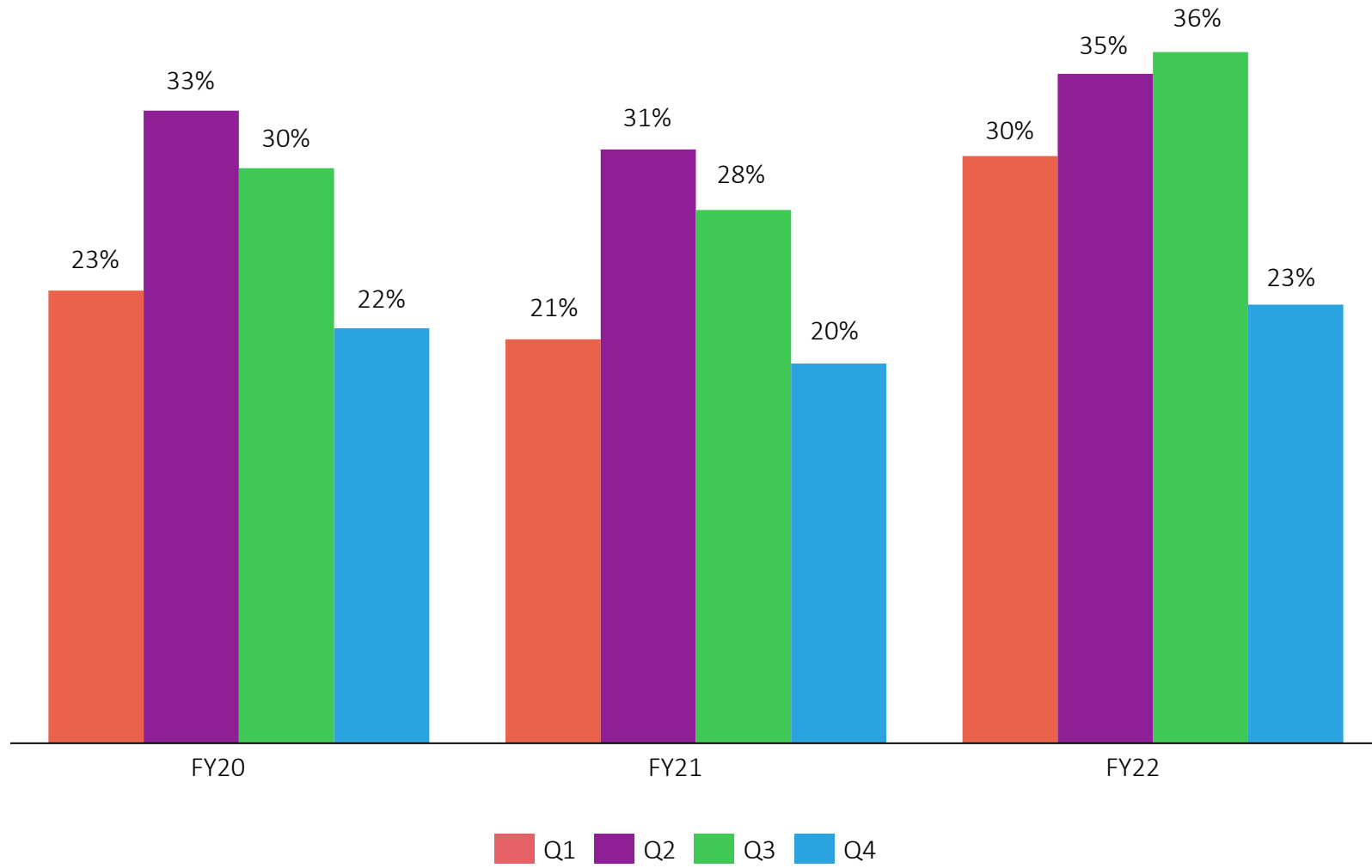
रेनबी चिल्ड्रेंस हॉस्पिटल में तेलंगाना व आन्धा के पहला नवजात शिशु को अपनी तरफ की अन्तही जीवन रक्षक प्रक्रिया एक्सयूटरो इंट्रापार्टम ट्रीटमेंट के माध्यम से प्राणी की रक्षा की गई। चिकित्सा दल में शामिल फेटल मेडिसिन विशेषज्ञ डॉ. श्रुति, मुख्य अनेस्थेसिस्ट डॉ. सुब्रमण्यम, वरिष्ठ चिकित्सक डॉ. श्रुति, बच्चों के ईएनटी सर्जन डॉ. मूर्ति, डॉ. विजयानंद, डॉ. दिनेश विराला, डॉ. रमेश केचला।



# Quarterly Revenue Contribution



# Quarterly EBITDA margins trends



Rainbow network comprises of 15 hospitals and 3 clinics in 6 cities, with a total bed capacity of 1,555 beds. Our Pediatric services under “Rainbow Children’s Hospital” includes newborn and pediatric intensive care, pediatric multi-specialty services, pediatric quaternary care (including organ transplantation); whereas our women care services under “Birthright by Rainbow” offers perinatal care services which includes normal and complex obstetric care, multi-disciplinary fetal care, perinatal genetic and fertility care along with gynecology services.

Rainbow Children’s hospital built on strong fundamentals of multidisciplinary approach with a full-time consultant led clinical service along with 24/7 commitment in a child centric environment. The company follows a hub-and-spoke operating model where the hub hospital provides comprehensive outpatient, inpatient care, with a focus on tertiary and quaternary services while the spokes provide emergency care in pediatrics and obstetrics, large outpatient services and comprehensive obstetrics, pediatric and level 3 NICU services. This model is successfully operational at Hyderabad and is gaining traction in Bengaluru. The endeavor is to replicate this approach in Chennai and across the National Capital Region. Subsequently Rainbow intends to expand into tier-2 cities of Southern India.

Rainbow embraces a unique doctor engagement model, where doctors work exclusively on a full-time, retainer basis. The doctors work in teams and have 24/7 commitment, which is particularly important for children’s emergency, neonatal, pediatric intensive care services and to support pediatric retrieval services. The Company also operates the country’s largest pediatric DNB training programme in private healthcare, offering post graduate residential DNB and fellowship programme.

**For further information please contact:**

**Mr. R. Gowrisankar**

**Chief Financial Officer**

**Rainbow Children's Medicare Limited**

Tel: + 91 40 2233 4455 / 4969 2222

Email: [investorrelations@rainbowhospitals.in](mailto:investorrelations@rainbowhospitals.in)

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**Siddharth Rangnekar / Mit Shah**

**CDR India**

Tel: +91 97699 19966 / + 91 99201 68314

Email: [siddharth@cdr-india.com](mailto:siddharth@cdr-india.com) / [mit@cdr-india.com](mailto:mit@cdr-india.com)