

May 25, 2019

Shalby/SE/2019-20/17

The Listing Department National Stock Exchange of India Ltd Mumbai 400 051.	Corporate Service Department BSE Limited Mumbai 400 001.
Scrip Code : SHALBY	Scrip Code: 540797

Sub: Investor Presentation for the Fourth Quarter and year ended 31<sup>st</sup> March 2019, disclosure under Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements), Regulations, 2015 (“the SEBI LODR”)

Dear Sir / Madam,

We are submitting herewith Investor Presentation on financial & operational performance of the Company for the Fourth Quarter and year ended 31<sup>st</sup> March 2019, which is also being made available on our website.

We request to take the same on your records and disseminate the same to the members.

Thanking you,

Yours sincerely,

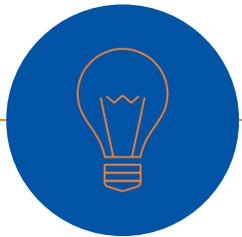
For Shalby Limited



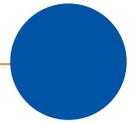
Jayesh Patel

Company Secretary & Compliance Officer

Encl.: as above



## Investor Presentation Q4 FY19 & FY19



## Important Disclosure

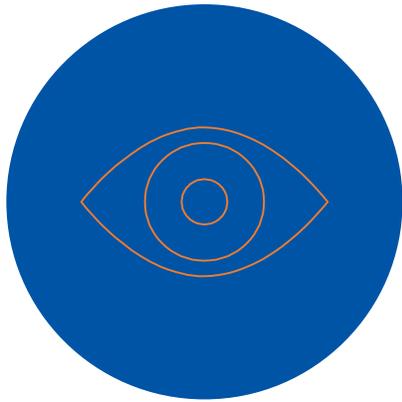
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*...because **passion** drives perfection...*

*...and **perfection** drives  
**performance***





1

## Shalby Limited

*A proxy for growth in the Indian Healthcare space*

## Current Scale of Operations

**11** Hospitals

**2,012\*** Total Bed Capacity

**1,102\*\*** Operational beds

**887** Census Beds

**165** Non Census Beds

**500+** Doctors & **2600+** Support Staff

**55%** Operating bed to total bed capacity

**47%** Bed Occupancy (based on census beds)

**31%** 12 year CAGR Revenue

**36%** 12 year CAGR EBITDA

 Double-digit return ratios against industry trend of single-digit

 Consistently superior ROCE of mature hospitals

\* Maximum number of beds according to structure of the hospital

\*\*The operational bed count of 1,102 considers 50 operational beds at Zynova-Shalby Hospital, Mumbai, for which no other operational parameters are tracked

# Promoter



## Dr. Vikram Shah

*Chairman & Managing  
Director*

### Qualifications

#### Academic Qualifications:

- MBBS
- MS (Orthopaedics)

#### Professional Qualifications

- AO Basic Course (London)
- F.A.O.A.A (Switzerland)
- F.A.I.S.F (Germany)

### Achievements

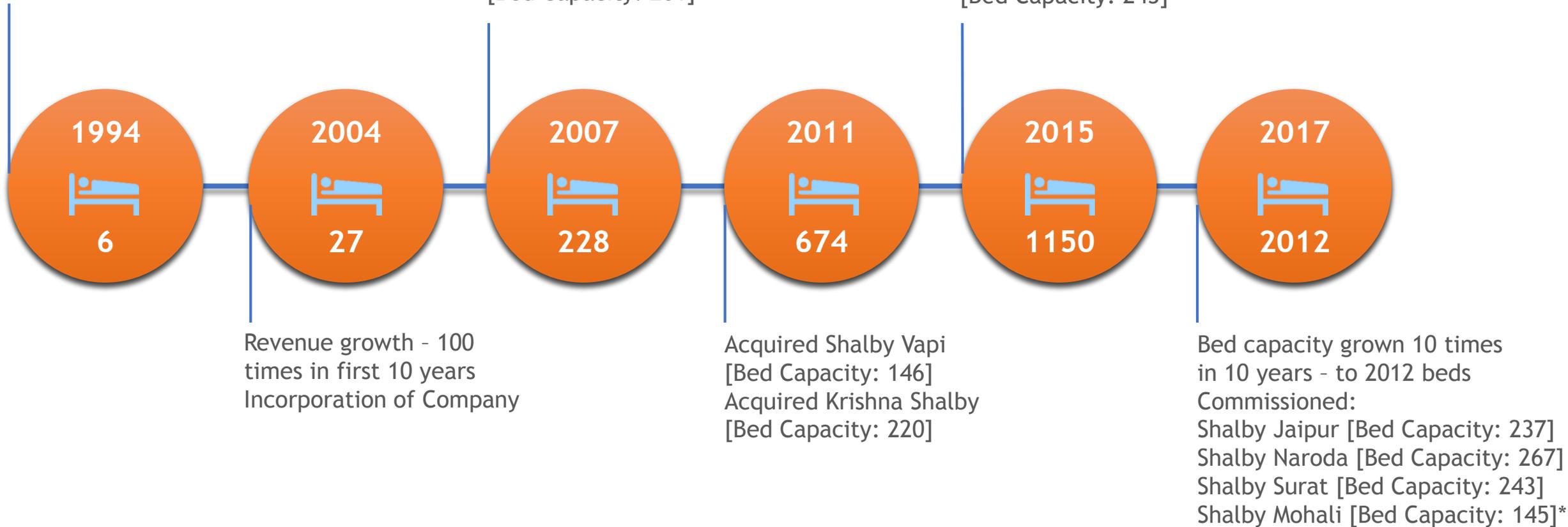
- Over two and a half decades of professional work experience across UK, USA and India. Serving as Director, Department of Knee Replacement at Shalby Hospitals since 1993
- Dr. Shah innovated zero '0' Technique in 2011 and was awarded the Double Helical Award 2017, for the innovation
  - Reduction of surgery time: 2.5 hours to 22 minutes
  - Reduction in patient stay: 15 days to 3 days
  - Drastic fall in infection rates due to minimum incision
- Invented the OS Needle, which is thick bore reverse cutting needle used in attaching soft tissues to the bone. Before the invention of the Needle, surgeons had to use complicated soft tissue procedures that had a very high failure rate. The needle can be attached with commonly available vicryl thread
- President of Indian Society of Hip & Knee Surgeons (ISHKS) for the year 2010-11
- Part of joint international faculty for development of new joints by Zimmer Inc., USA
- Receiver of several awards and accolades by reputed organizations

# Our Journey so far...

Started professional practice with a 6-bed facility

Operationalized First Multispecialty Hospital of the group Shalby SG  
[Bed Capacity: 201]

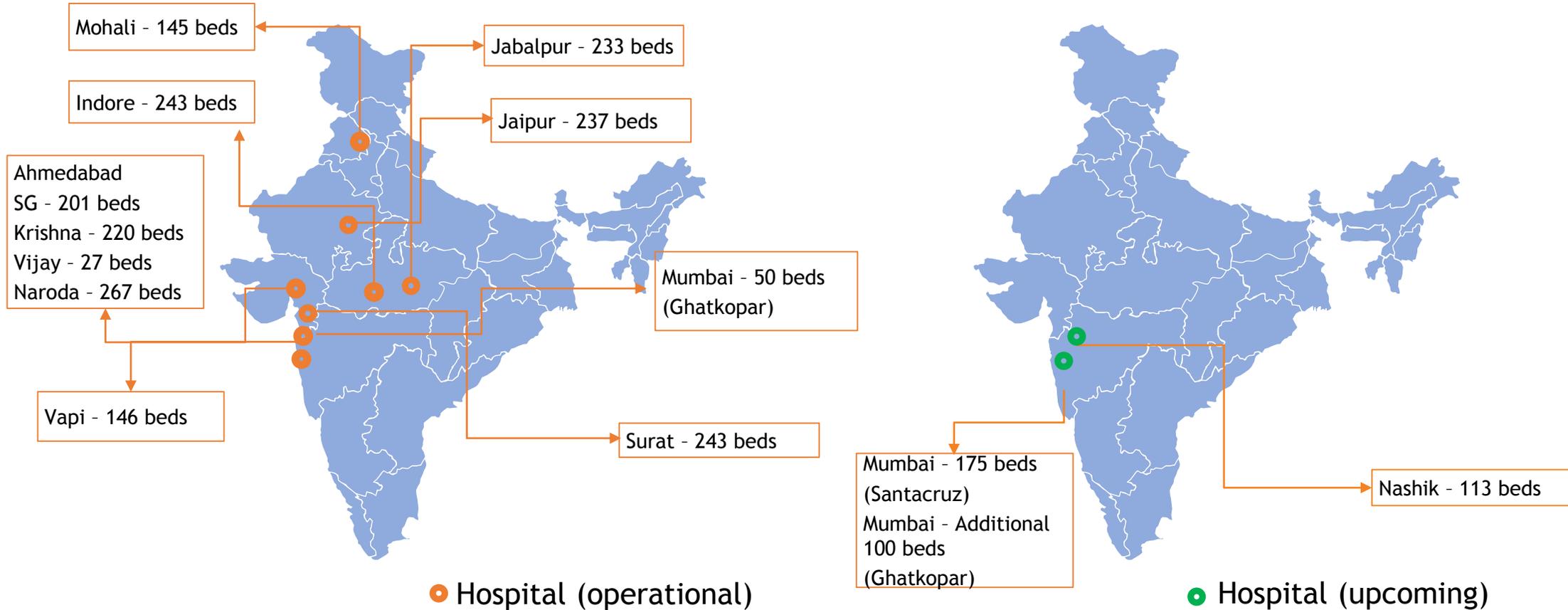
Commissioned Shalby Jabalpur [Bed Capacity: 233]  
Commissioned Shalby Indore [Bed Capacity: 243]



\*Operationalized in Q1 FY 19

# Reach and Presence - Hospitals

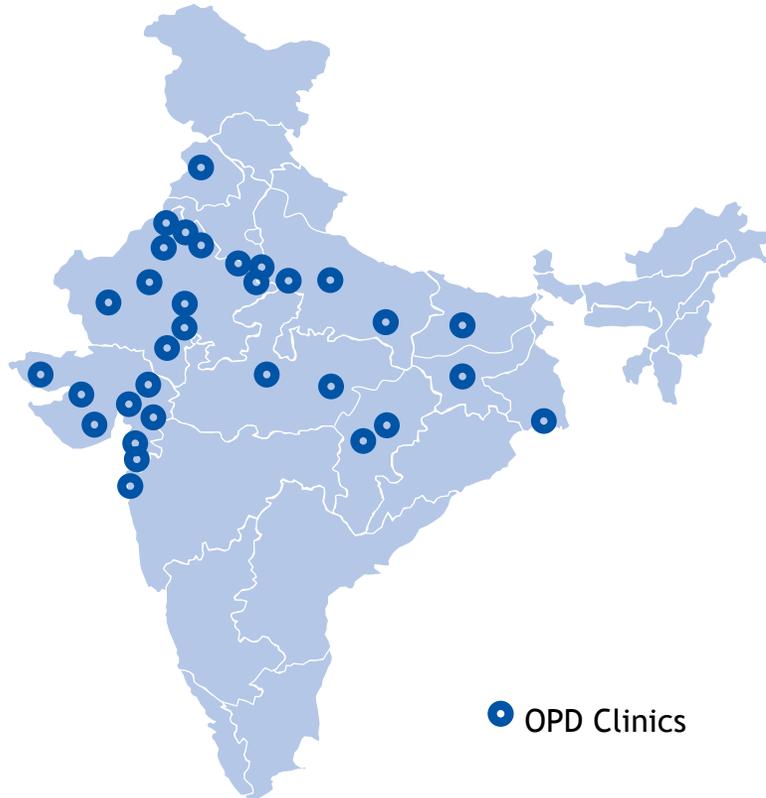
## Network of Hospitals in India with bed capacity



Has a total bed capacity of 2,012 beds across 11 multi-specialty hospitals

# Reach and Presence - OPD

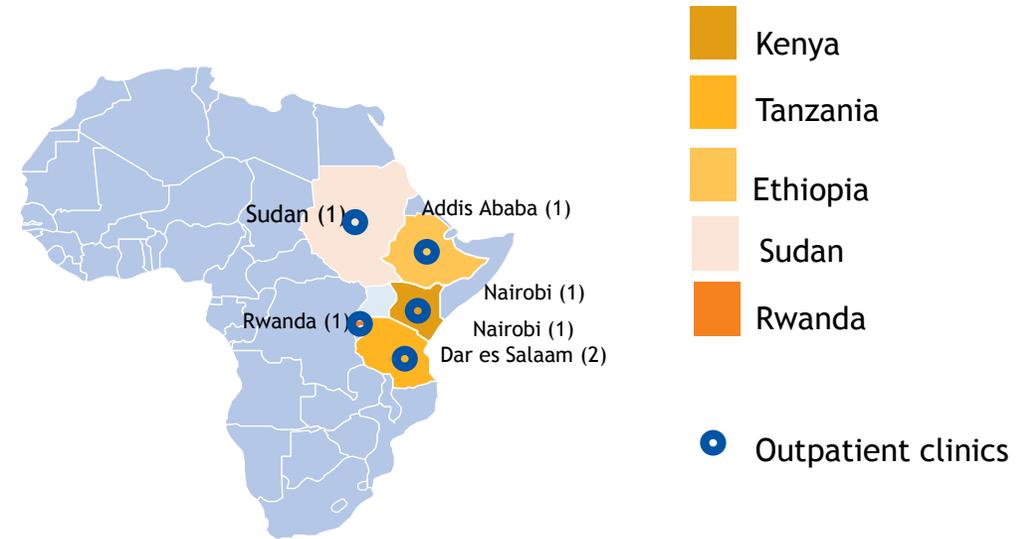
## Network of Outpatient Clinics in India



Has a network of 40 patient outreach centres in India

## International Footprint

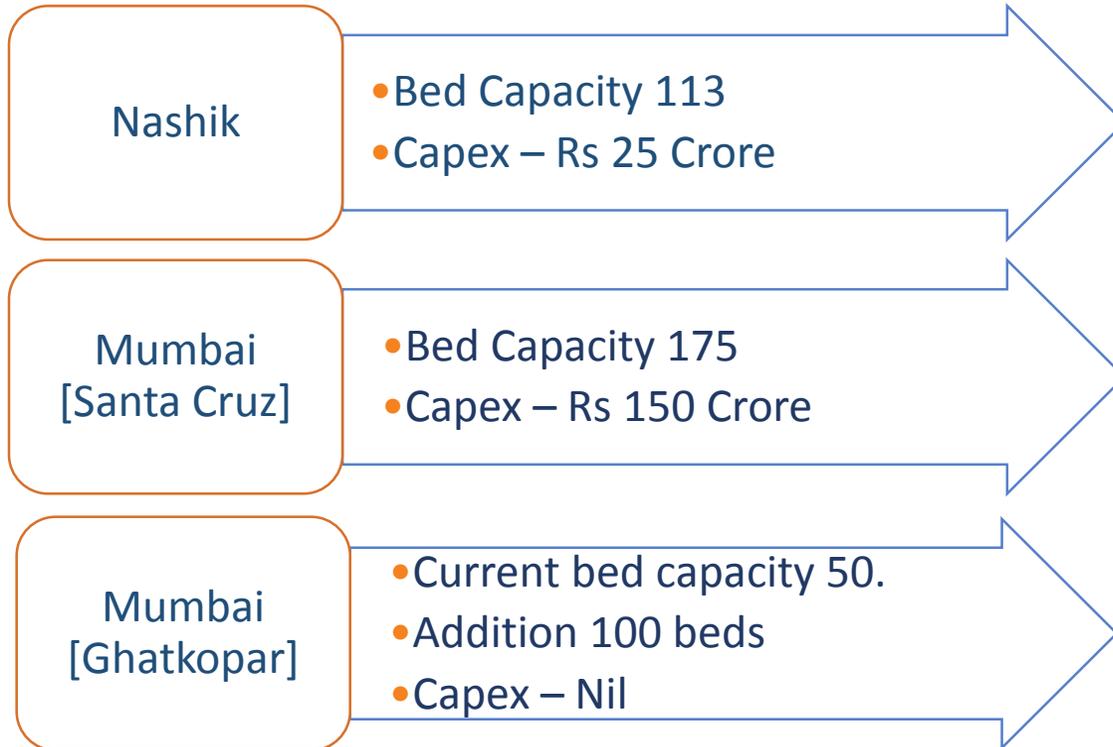
### Presence in Africa



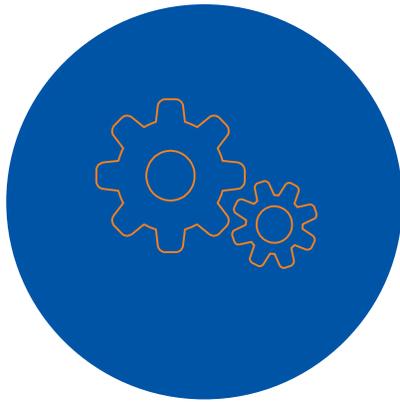
International footprint consists of 6 outpatient clinics in Africa

# Expansion Plans in Progress

## Investment Plans for Upcoming facilities



Total capex planned - Rs. 175 Crore for addition of 388 beds



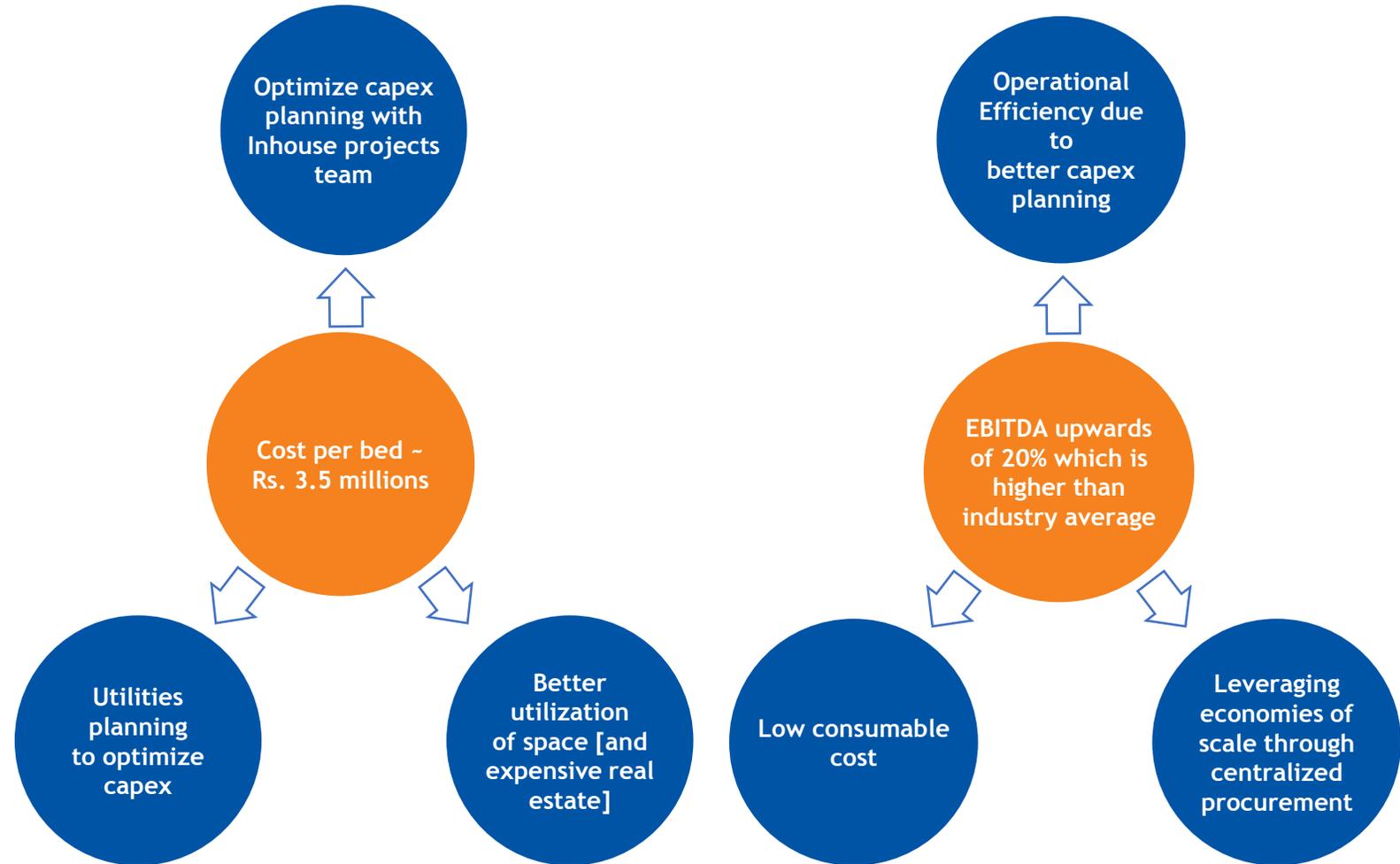
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## Our Unique Business Model

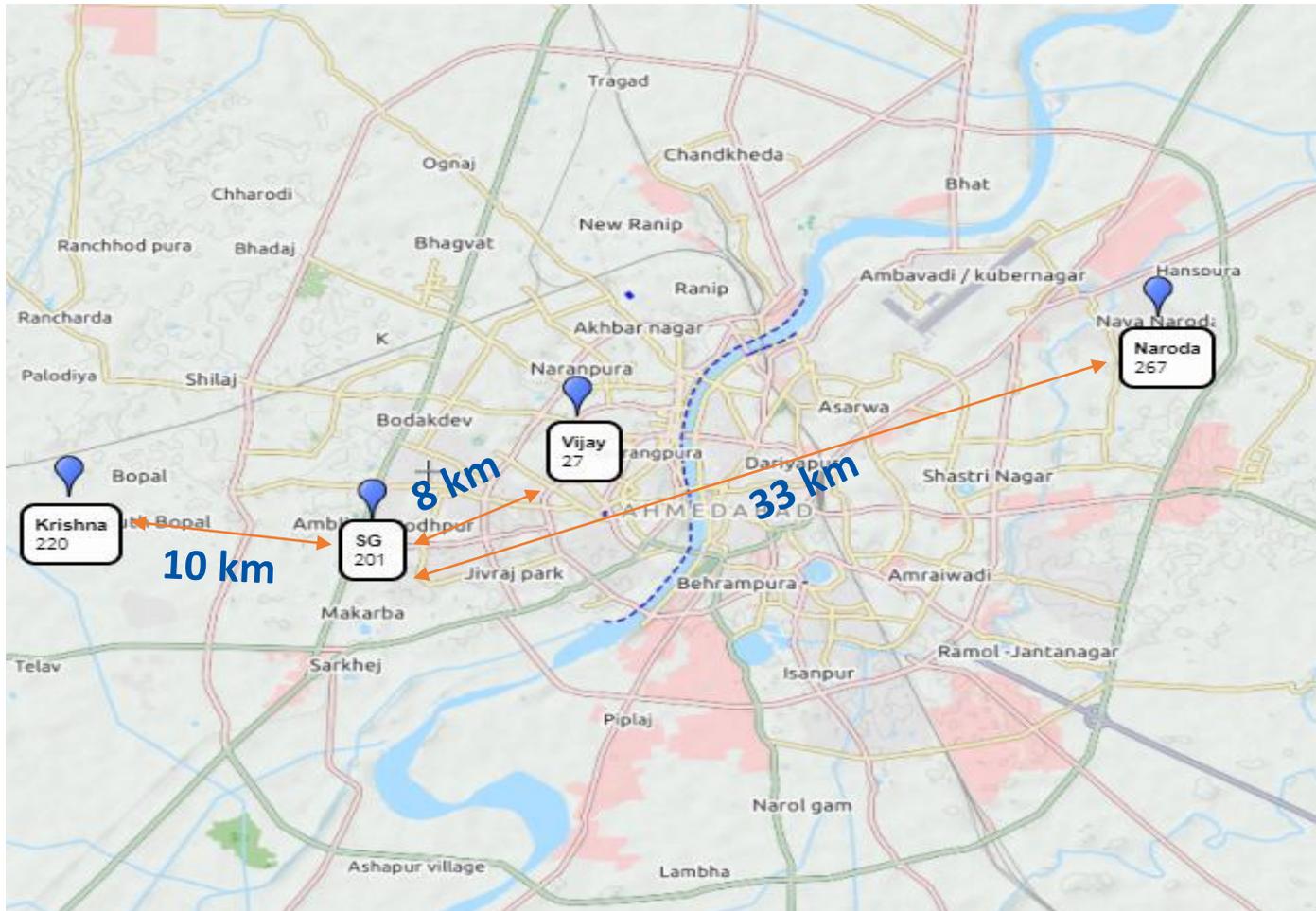
*is the key to our outperformance*

# Our Business Model - features Optimising Capex and Opex

- Lowest Capex and Opex per bed due to optimal use of real-estate
- Equipment planning and utilities planning
- In-house planning teams
- Focus on surgeries with higher ARPOB, better margins and return ratios
- Centralised procurement
- Gradual ramp-up of bed capacity
- Fully owned or O&M on revenue sharing (no fixed rentals, no security deposit or MG)



# Typical concept of 200 ( $\pm 20\%$ ) bed capacity set-up

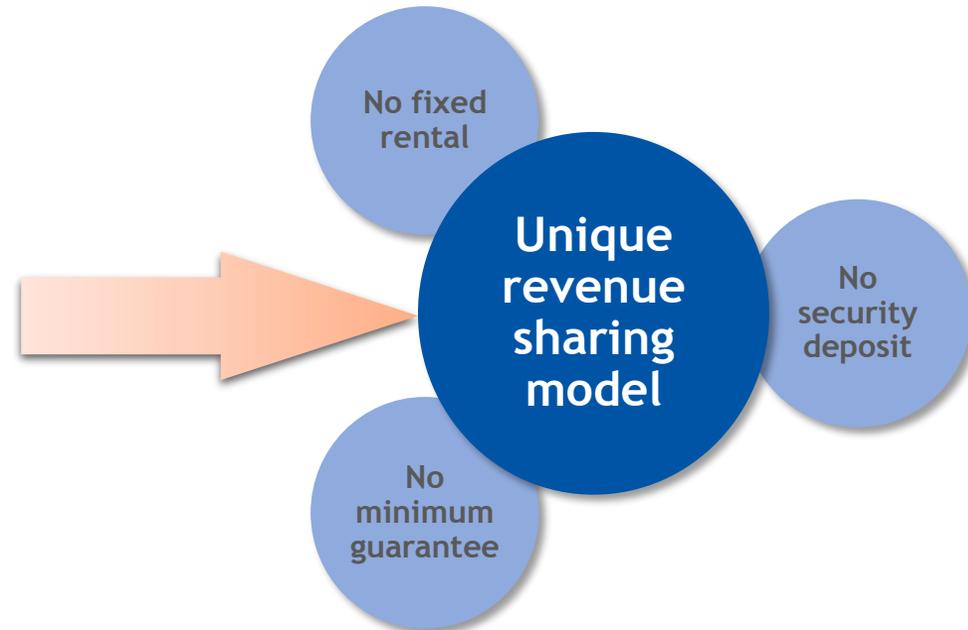
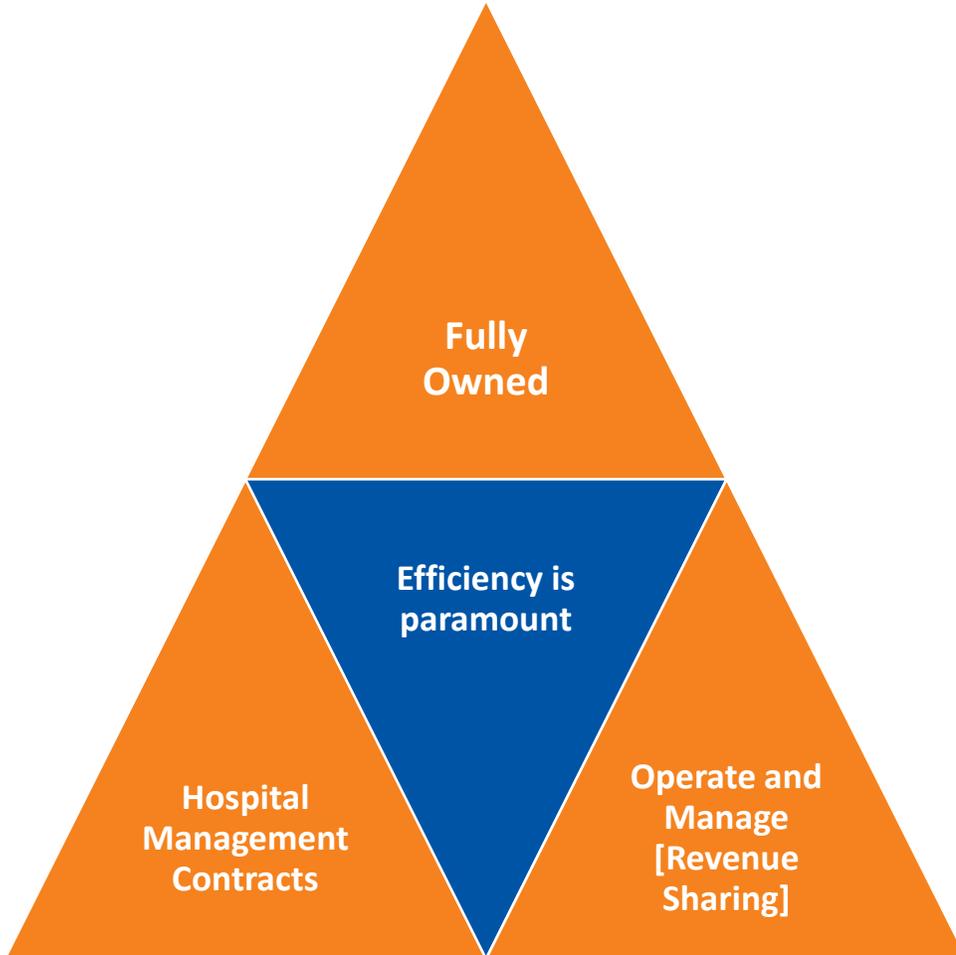


Facilities 10-15 kms away

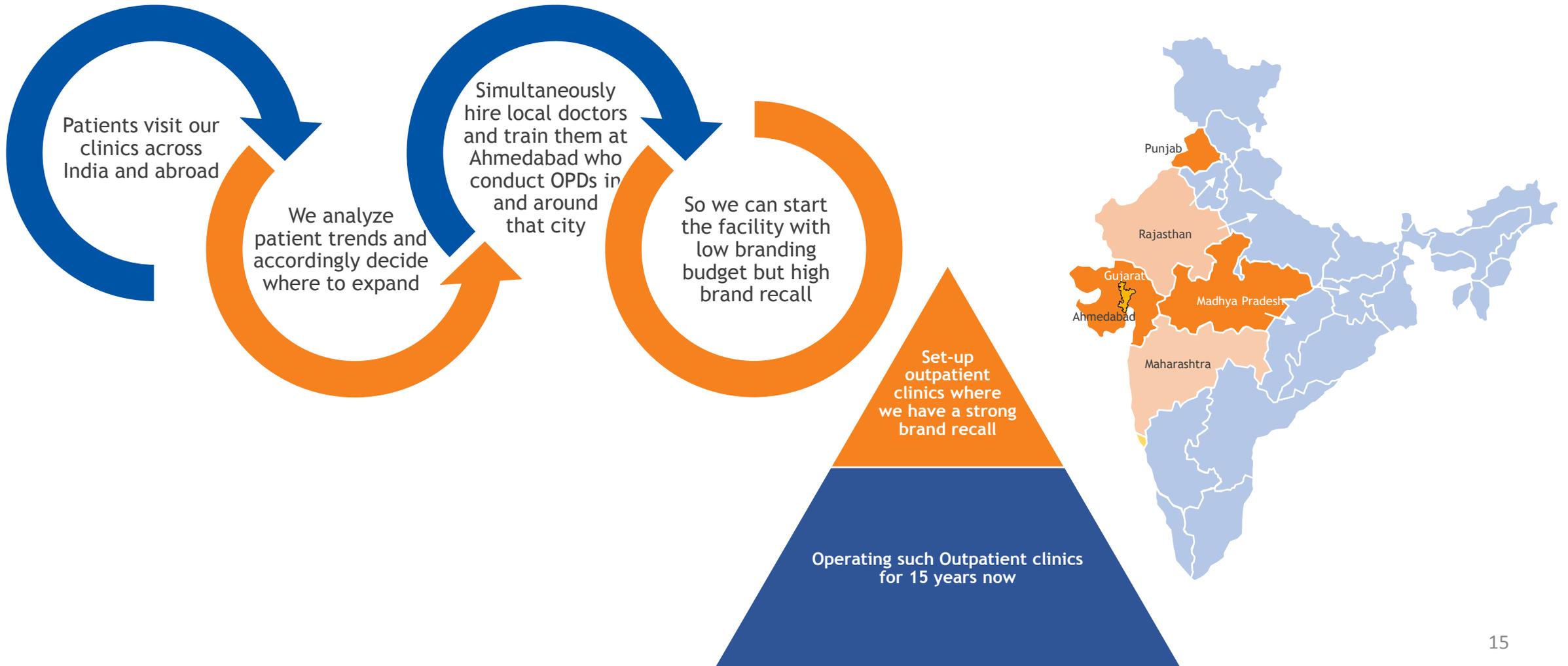
Local and Natural Footfalls from 4-5 kms radius helps to fill up ~50% beds

Balance ~50% - patients come in the name of doctors reducing thereby dependency on star doctors thus controlling doctor payout %

# Our Business Models...



# Role of OPDs for expansion



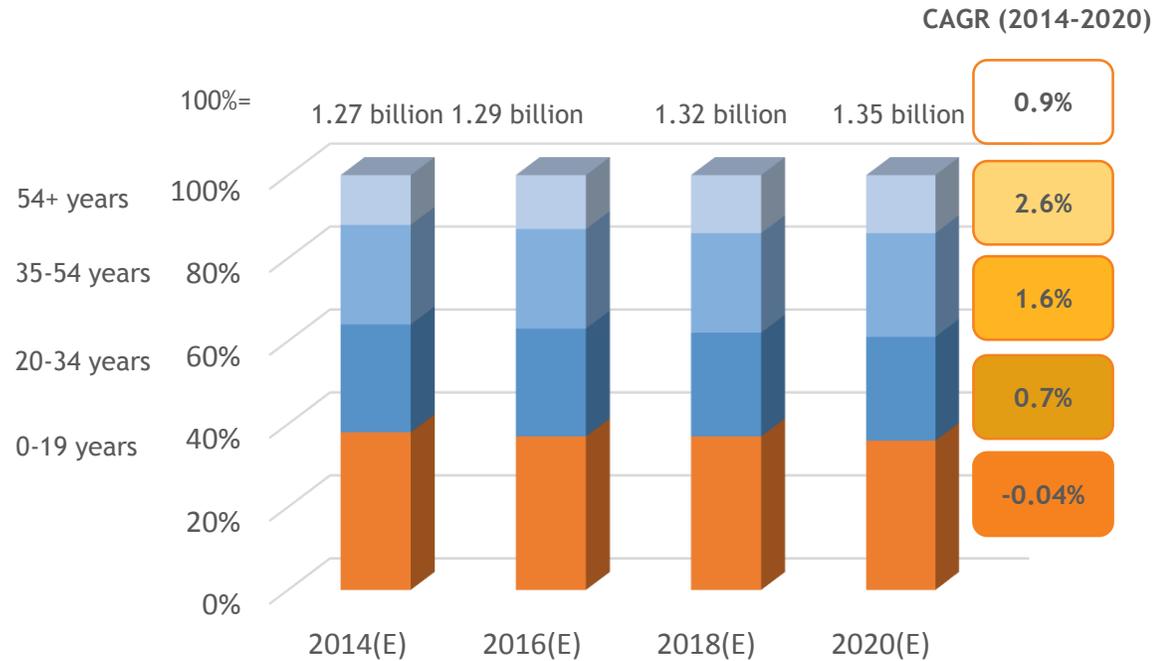


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## Case for Expansion

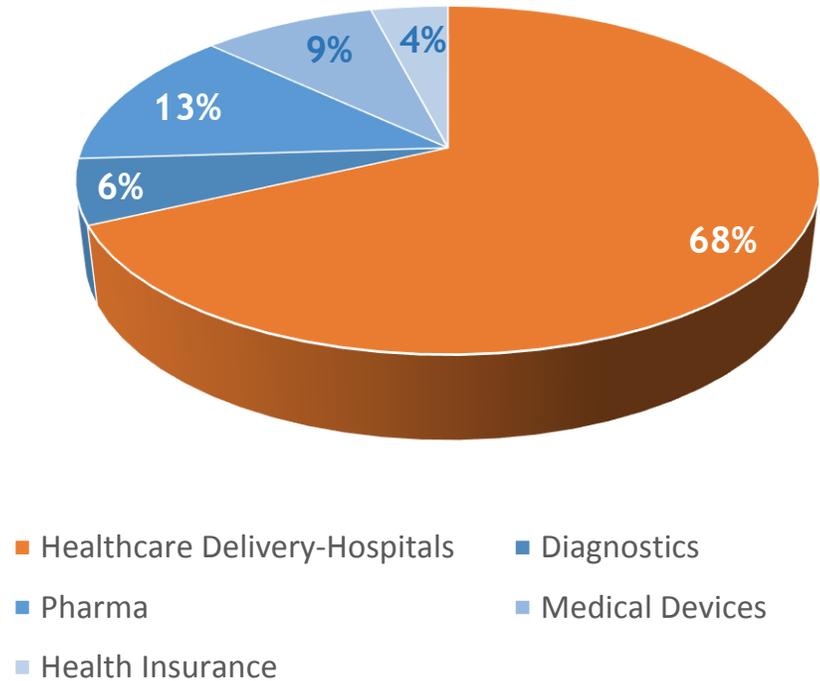
# The Opportunity Set

Population and Population Growth Rate of India  
(Historical and Expected)



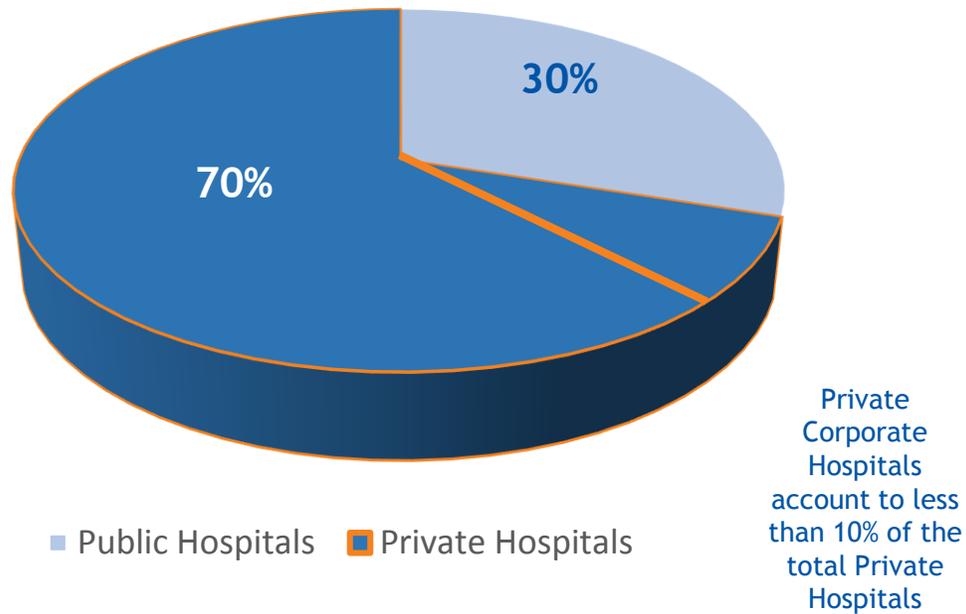
Spilt of Indian Healthcare Industry by Segments

Total market size (2016): INR 9.2 trillion

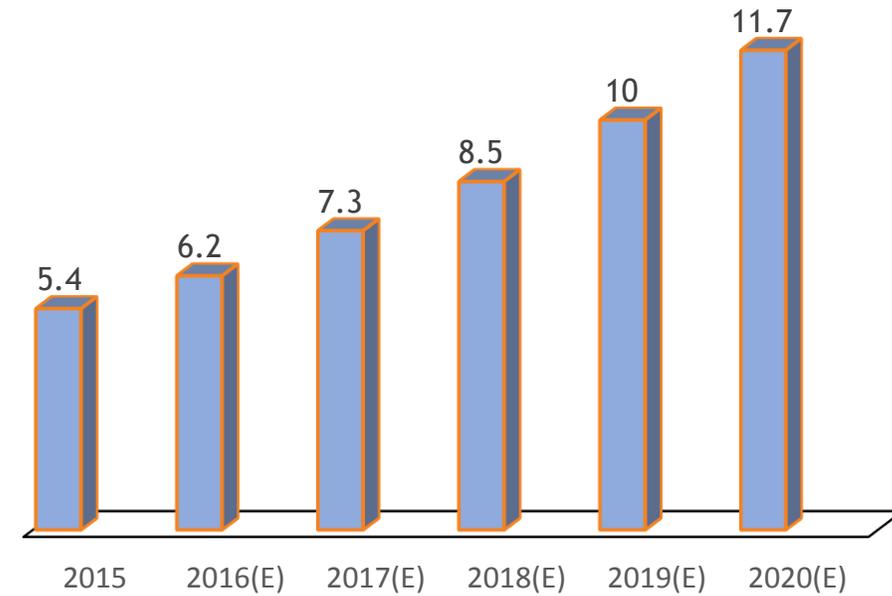


# The Opportunity Size

Spilt of Public and Private Hospitals in India



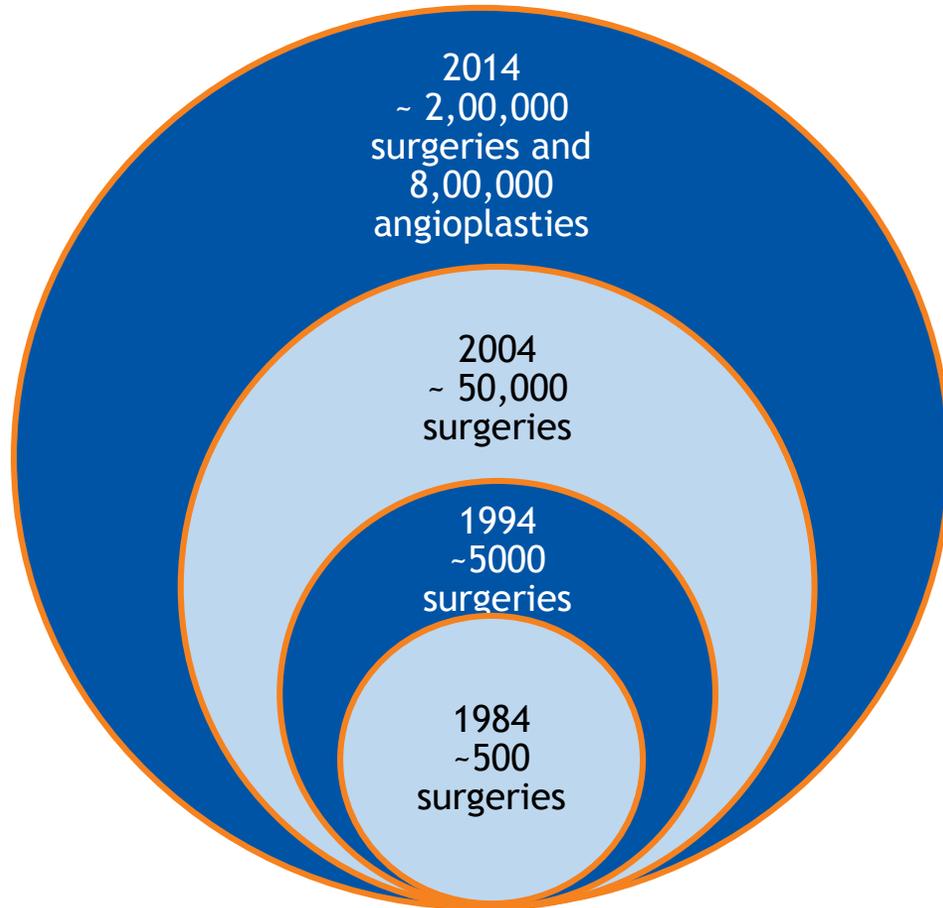
Indian Healthcare Delivery Industry size (2015-2020)  
(INR in Trillion)



# Recent transformation

- Private sector investment has been increasing due to change in mind-set and better returns on investment
- Healthcare businesses can also be profitable as long the costs are affordable
- The advent of information technology has given a fillip to the healthcare business making it both controllable and scalable
- Rising aspirational middle-class today is not averse to paying for quality healthcare services
- Impact of health insurance, government schemes and emergence of medical tourism - key drivers of positive change
- *Healthcare today in India is evolving to be a larger consumer story than ever before*

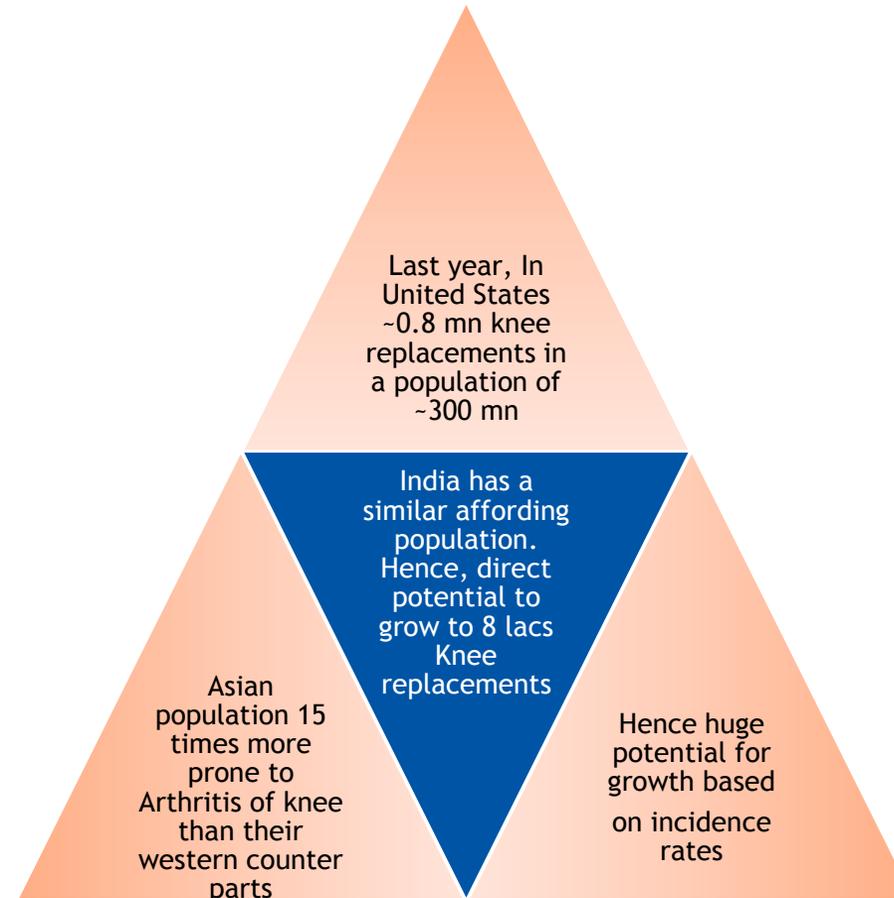
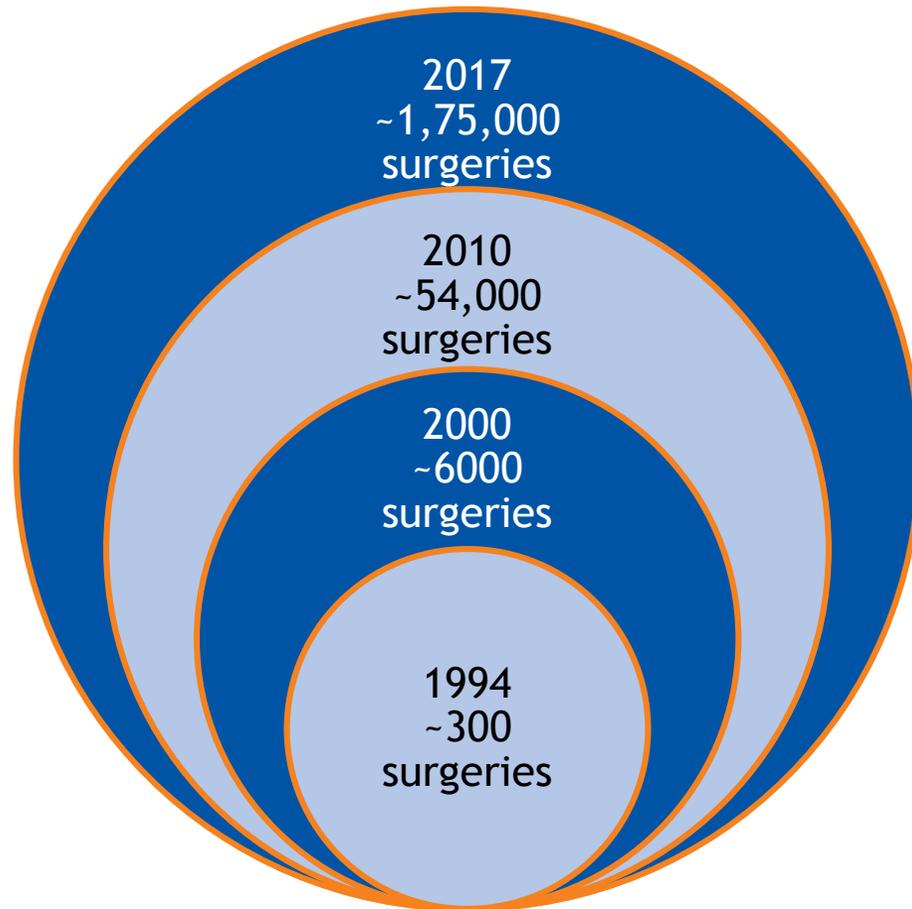
# Case study - the Cardiac growth story in India



CAGR - 29% in 30 years.  
Currently growing @ 2-3%

Wide procedure penetration -  
to Tier 2 and 3 cities

# Knee Replacement - the big opportunity



**Surgery Count CAGR @32% in 23 years**

# Growth Drivers for Shalby



# Conducive Government Policies Despite Challenges

Swastha Bharat, Smriddha Bharat. Demographic dividend realization impossible without proper healthcare

Rashtriya Samaj Beema Yojana: 100 mln families will get Rs 500,000 per year for their families to cover secondary and tertiary hospital expenses



100% depreciation on capex incurred, MAT credit can be availed for 15 years, all healthcare education and training services exempted from GST

State Policies include capital subsidy on purchase of medical equipment, capital investment subsidy on construction of tertiary-care hospitals and interest subvention, along with several other benefit

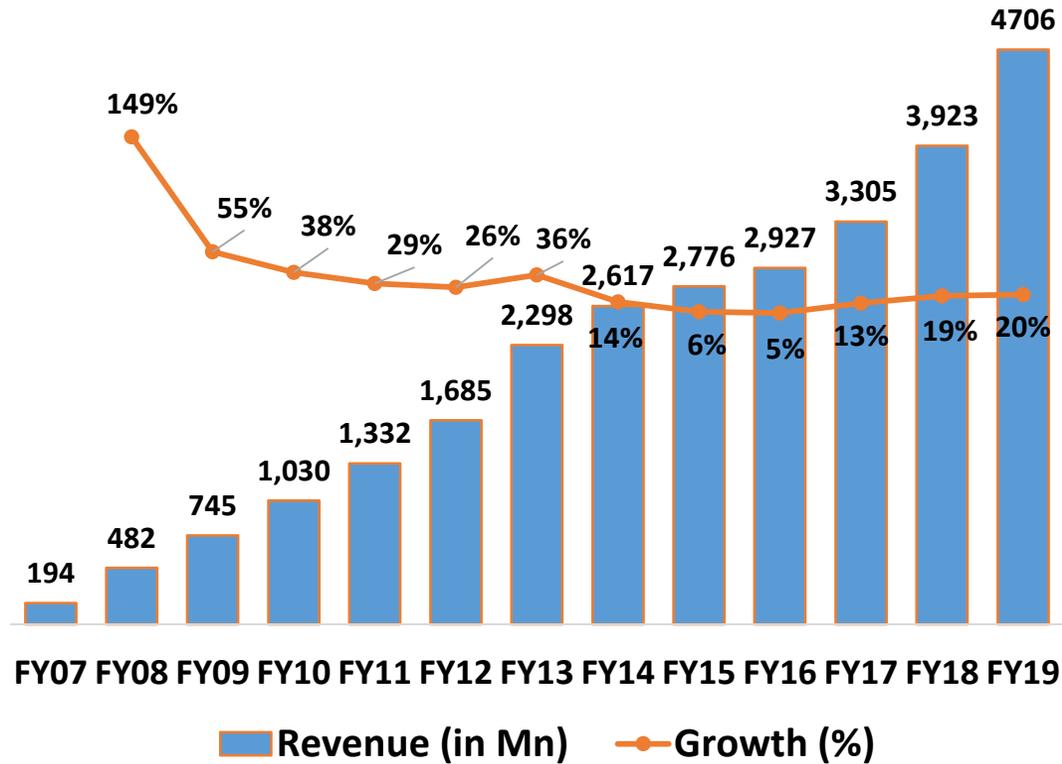




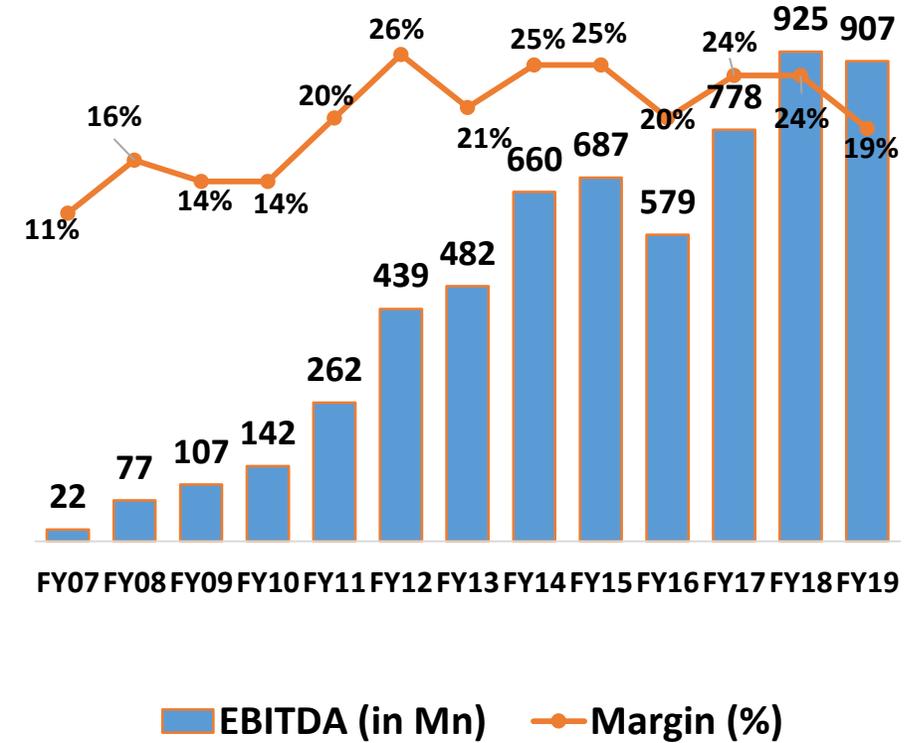
Track record



## Best in class economic returns

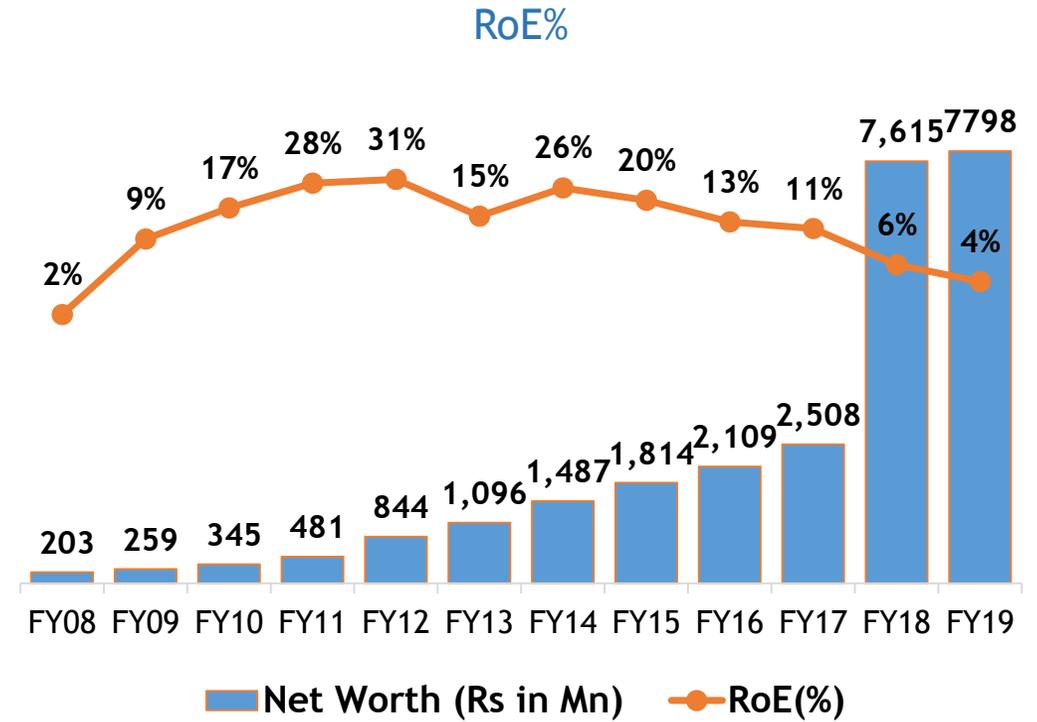
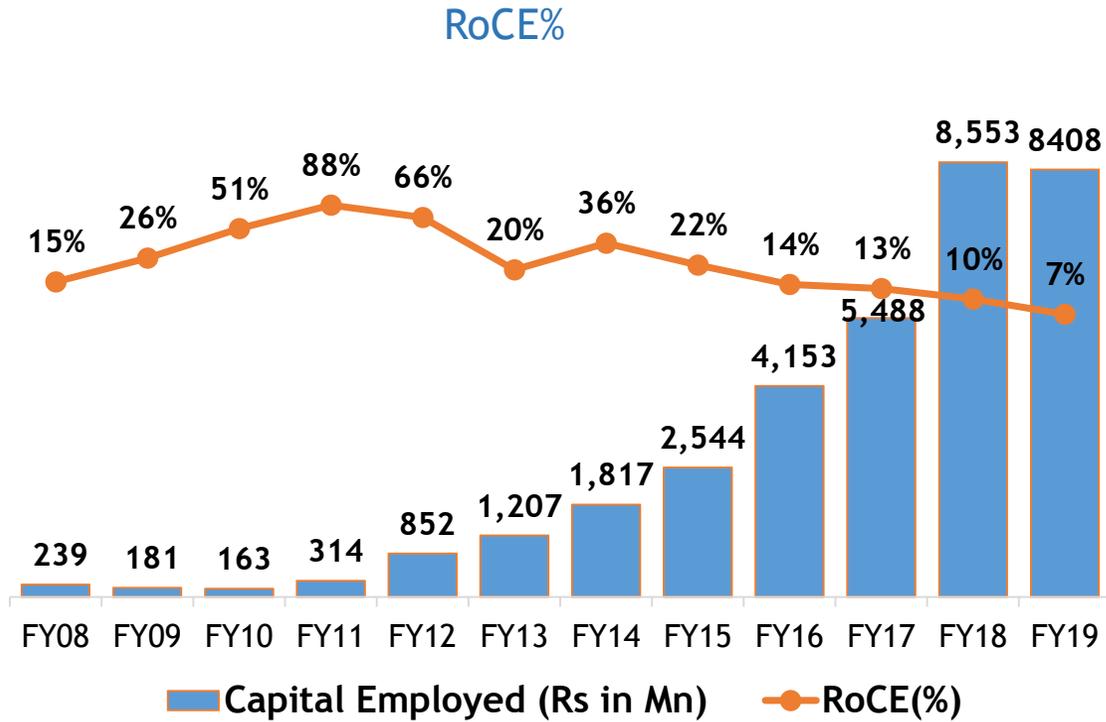


Revenue CAGR growth 31% in last 12 years



EBITDA CAGR growth 36% in last 12 years

# Best in class economic returns





# Performance Q4FY19

## Key Achievements of the Quarter

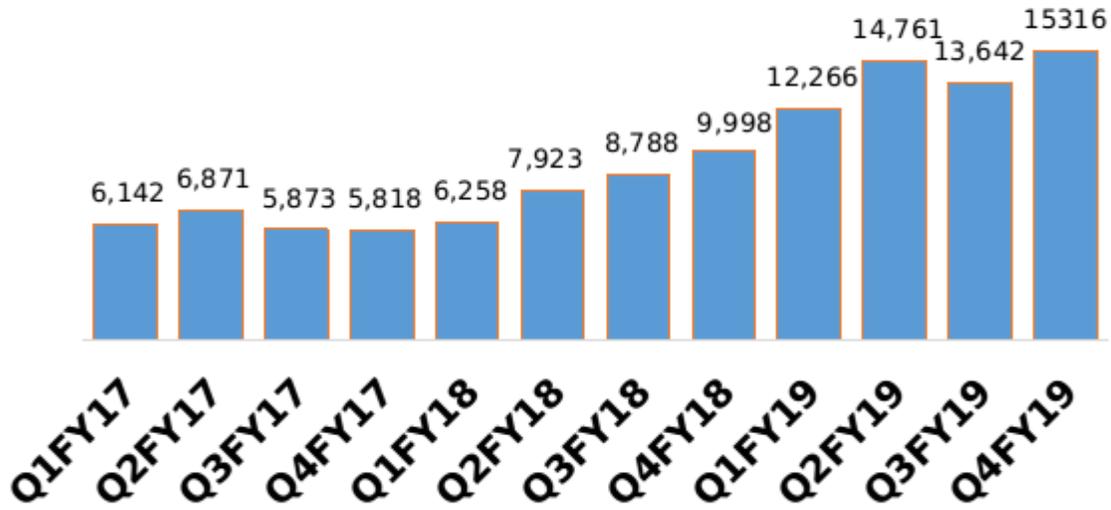
**Cancer Surgeon team at Shalby successfully performed Esophageal Cancer (Cancer of the Food Pipe) through Keyhole Surgery avoiding the need for Open Chest Surgery**

**Gall Bladder Cancer in an 84 year old patient cured at Shalby through surgery and treatment**

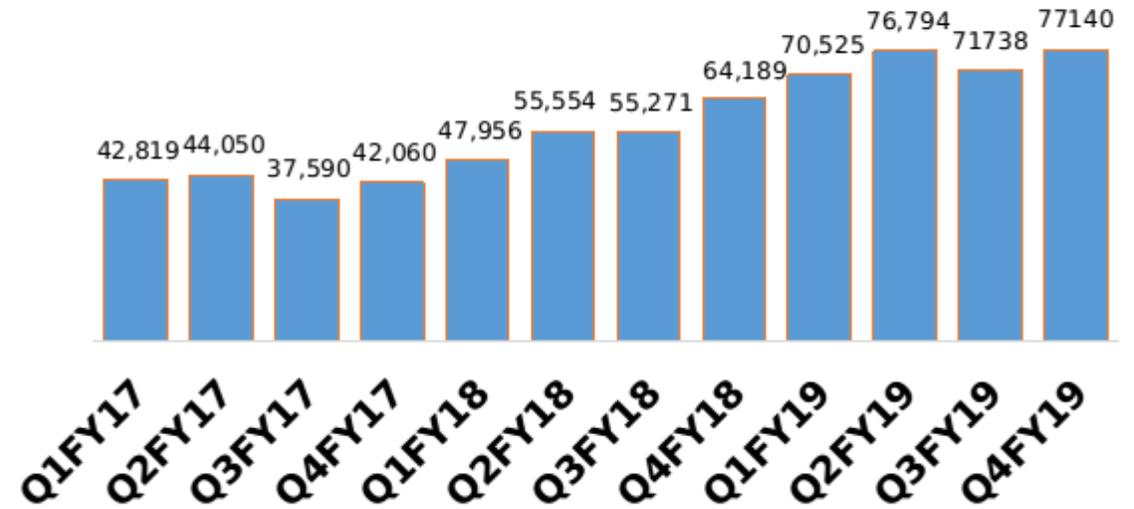
**Blockage in Vein supplying blood to Liver, removed in a rare surgery at Shalby Hospitals**

# IP and OP Count (Quarterly Trend)

### IP Count

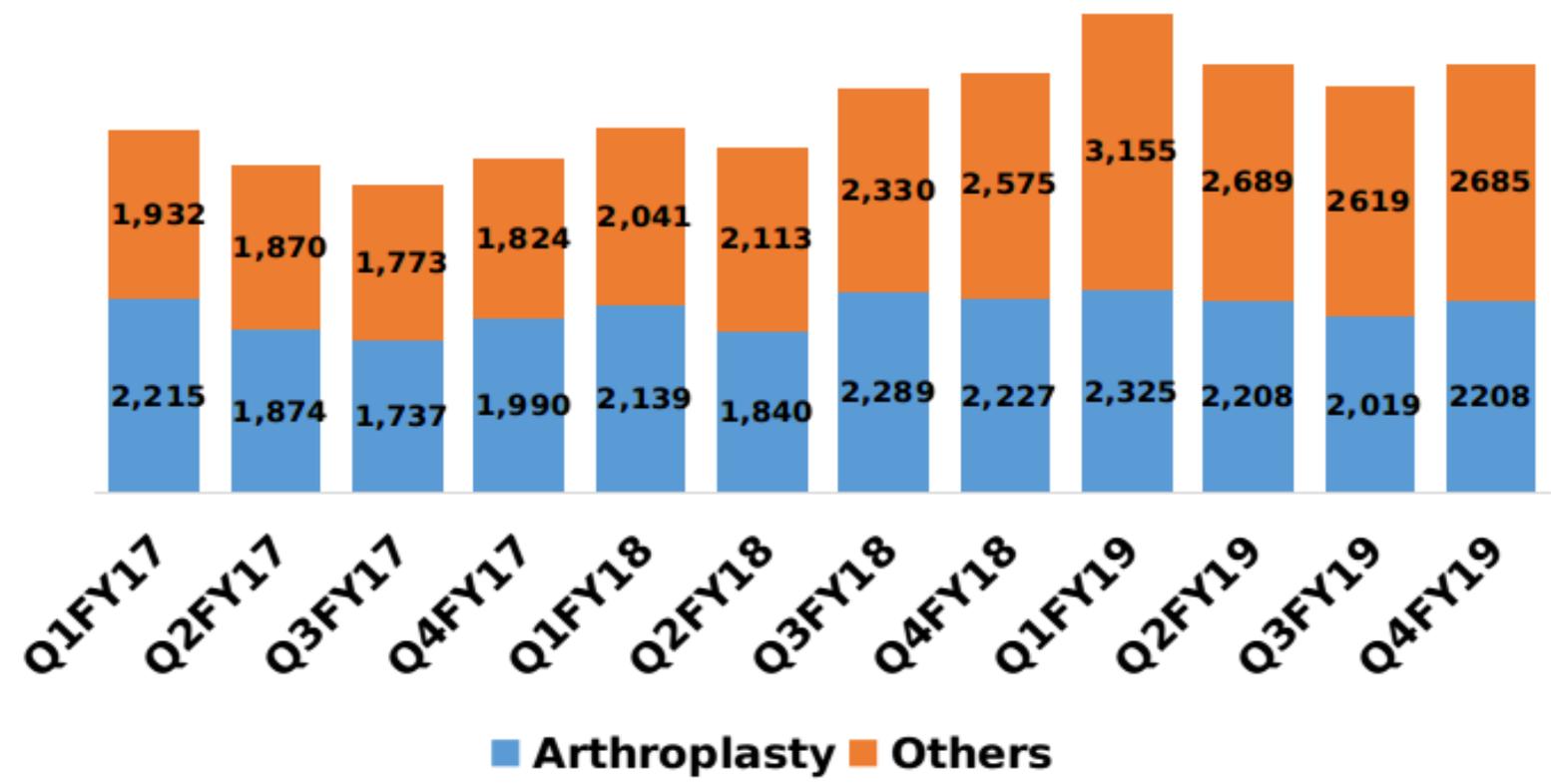


### OP Count



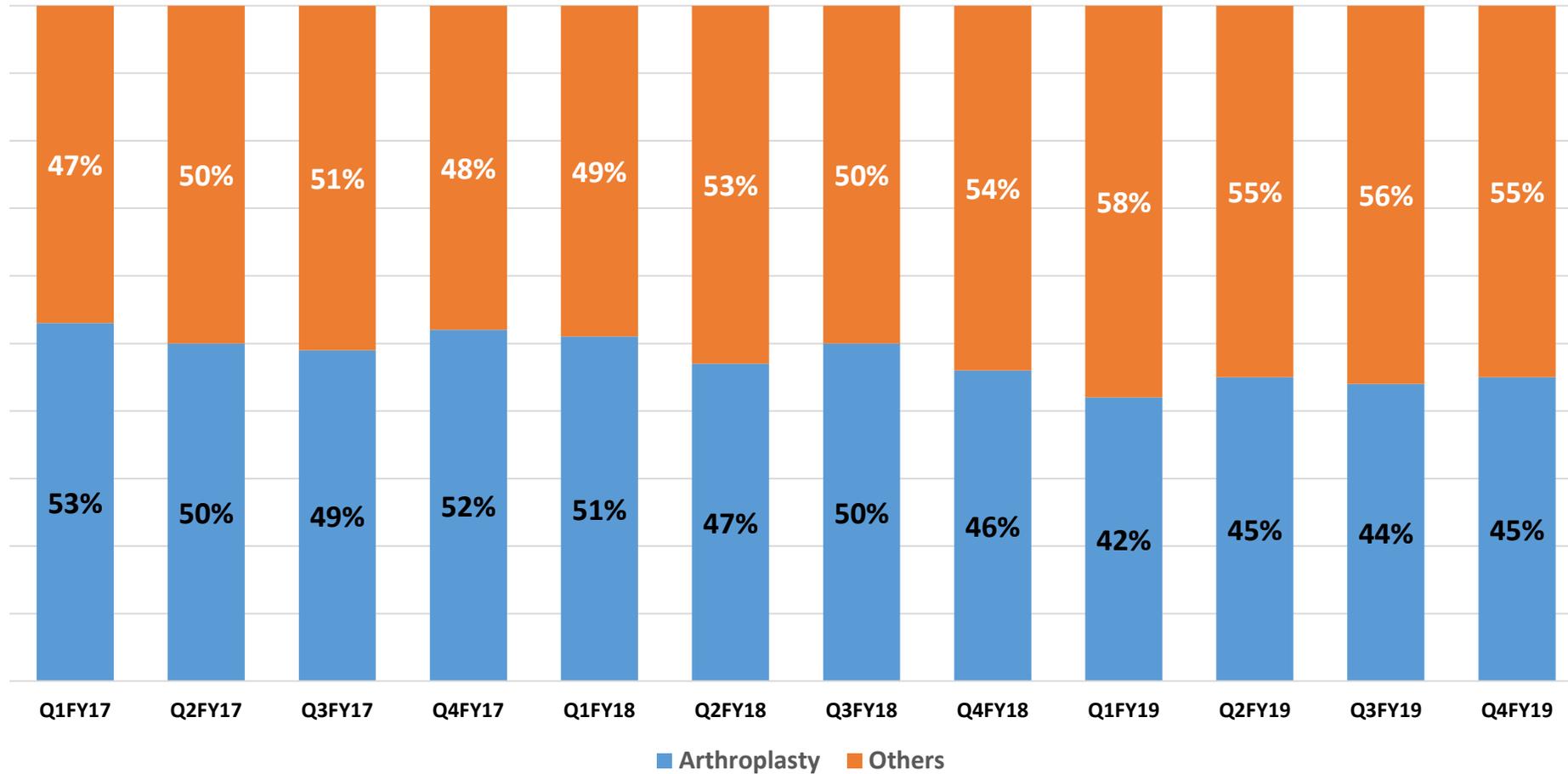
# Surgeries Count (Quarterly Trend)

## Surgeries - Arthroplasty vs Others



# Surgeries Count (Quarterly Trend)

**Arthroplasty Vs Others**



# Performance Synopsis Q4 FY19

Particulars	Quarter Ended 31-03-19	% of Revenue	Quarter Ended 31-03-18	% of Revenue	Growth
Total Revenue (INR in million)	1153.9		1110.4		4%
Total EBITDA (INR in million)	169.8	14.7%	172.1	15.5%	(1%)
Bed Capacity (Nos.)	2012		2012		N.A
Operational Beds (Nos.)	1102		1102		N.A
Average Length of Stay	2.45		3.6		N.A
Occupancy (Beds)	417		396		5%
In-Patient Count (Nos.)	15316*		9998		53%
Out patient Count (Nos.)	77140		64189		20%
Surgeries Count	4893		4802		2%
ARPOB ( In Rs.)	30760		30625		0.4%

\* Increase in IP Count is witnessed due to drastic increase of day care procedures like Radiation therapy, Dialysis etc in Units having < 2 years of Maturity Profile

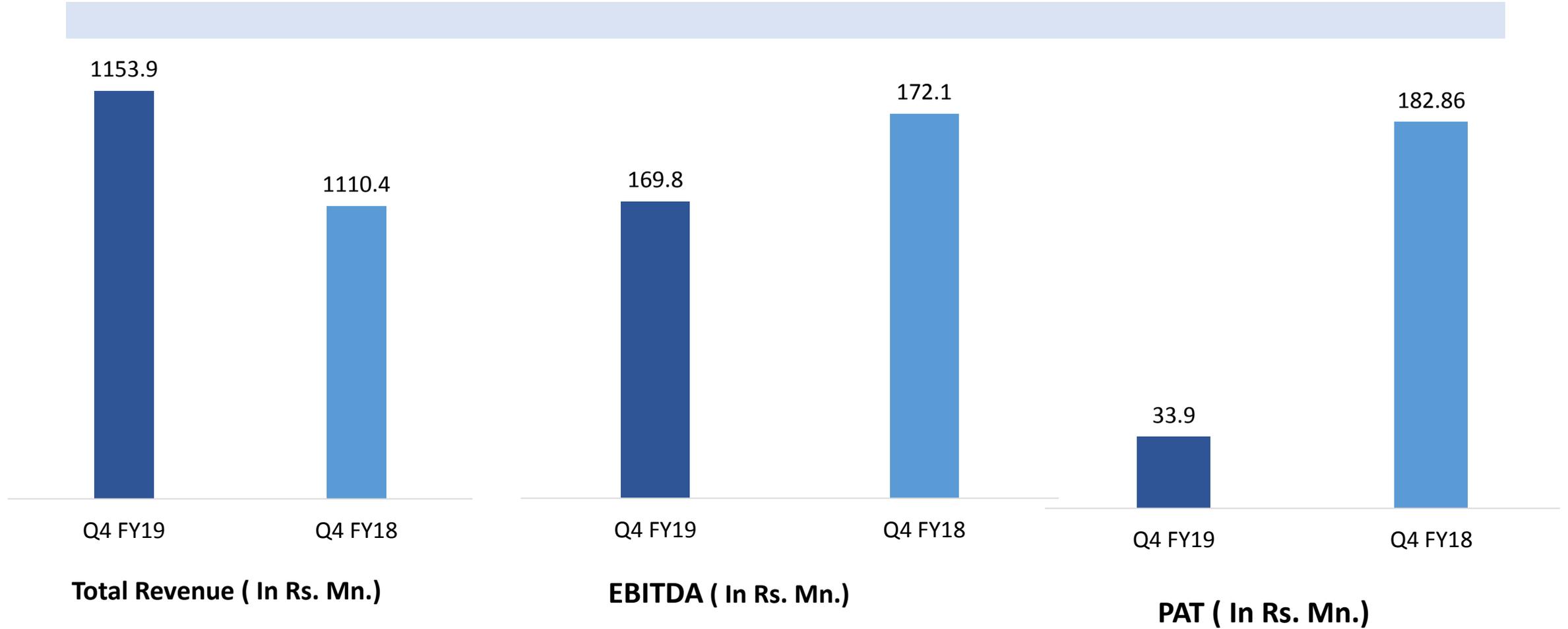
Note: The operational bed count of 1,102 considers 50 operational beds at Zynova-Shalby Hospital, Mumbai, for which no other operational parameters are tracked

# Financial Highlights Q4FY19 Standalone

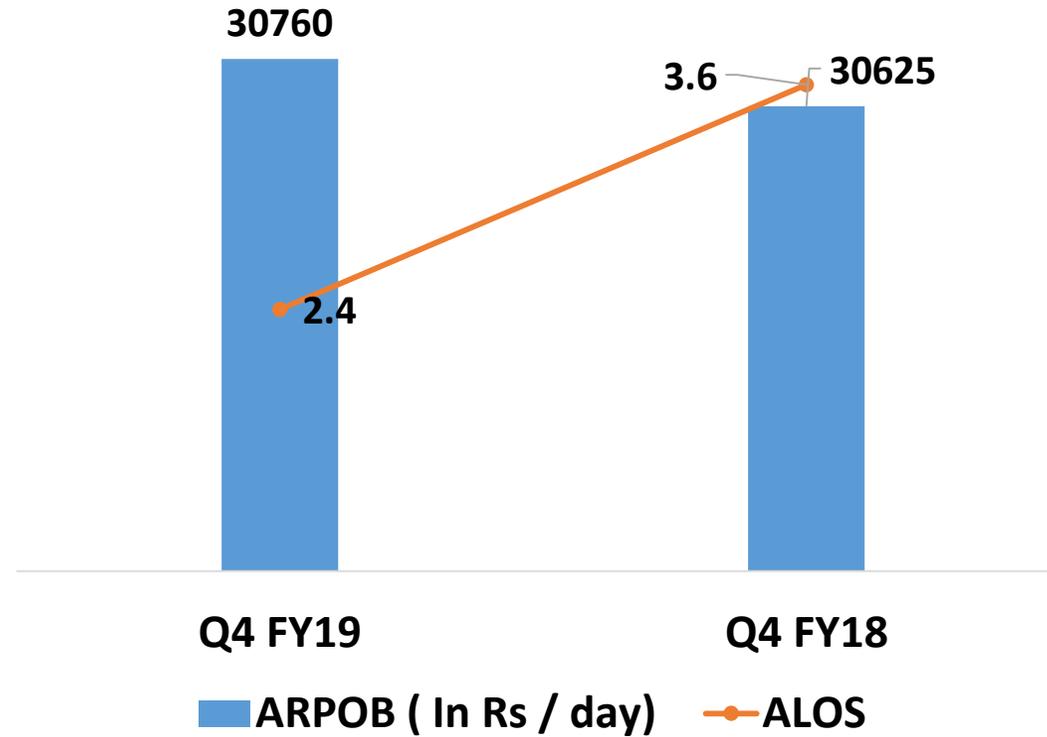
*(INR in million)*

Particulars	Quarter Ended 31-03-19	% of Revenue	Quarter Ended 31-03-18	% of Revenue	Growth
<b>Revenue from Operations</b>	1126.8		1083.7		<b>4.0%</b>
Other Income	27.1		26.7		1.6%
<b>Total Income</b>	<b>1153.9</b>		<b>1110.4</b>		<b>3.9%</b>
<b>Expenses</b>					
Materials & Consumables	316.5	27.4%	264.4	23.8%	
Fees to Doctors and Consultants	328.7	28.5%	300.1	27.0%	
Other Operative Expenses	35.3	3.1%	78.3	7.1%	
Employee Costs	217.1	18.8%	139.1	12.5%	
Administrative Expenses	69.5	6.0%	122.8	11.1%	
Advt. & Promotion	16.9	1.5%	33.5	3.0%	
<b>Total Operational Expenses</b>	<b>984.1</b>	<b>85.3%</b>	<b>938.3</b>	<b>84.5%</b>	
<b>EBITDA</b>	<b>169.8</b>	<b>14.7%</b>	<b>172.1</b>	<b>15.5%</b>	<b>(1.3%)</b>
Finance Cost	22.1		(3.1)		
Depreciation & Amortization Expense	78.8		64.1		
<b>Profit before tax (PBT)</b>	<b>68.9</b>		<b>111.1</b>		<b>(38.0%)</b>
Tax Expense	35.0		(71.8)		
<b>Profit after tax (PAT)</b>	<b>33.9</b>	<b>2.9%</b>	<b>182.9</b>	<b>16.5%</b>	<b>(81.5%)</b>

# Financial Parameters Q4 FY19



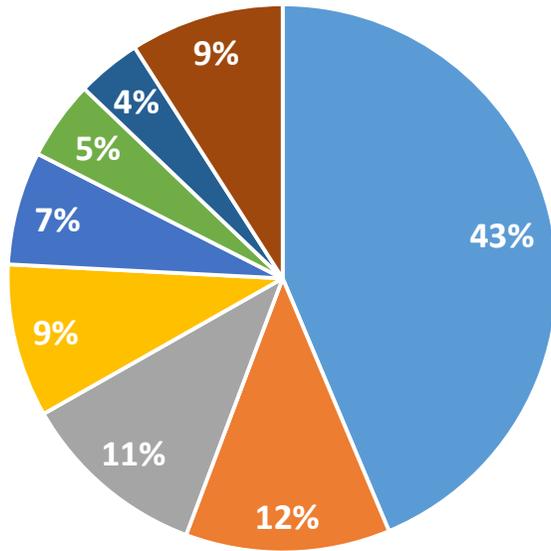
# ARPOB and ALOS (Quarterly)



\* Decrease in ALOS is witnessed due to drastic increase of day care procedures like Radiation therapy, Dialysis etc in Units having < 2 years of Maturity Profile

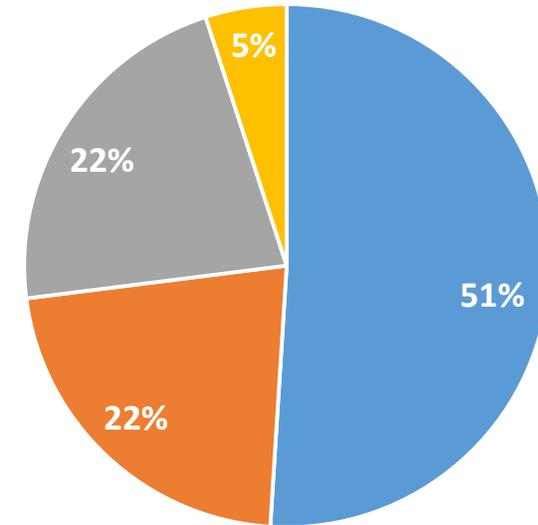
# Revenue Mix Q4FY19

Specialty Mix



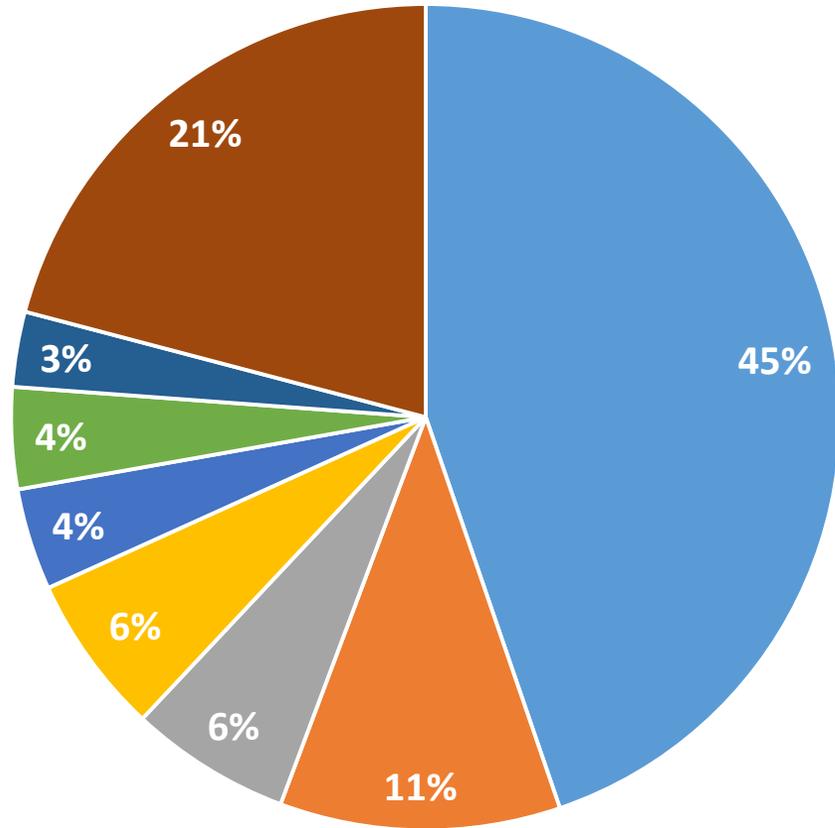
- Arthroplasty
- Cardiac Science
- Other Ortho
- Nephrology
- Critical Care & General Medicine
- Oncology
- Neurology
- Others

Payer Profile

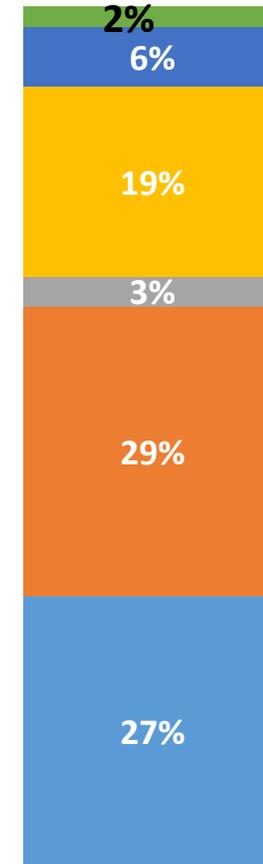


- Self Pay
- Corporate Government
- TPA
- Corporate Private

# Surgery Count and Cost Structure Q4FY19

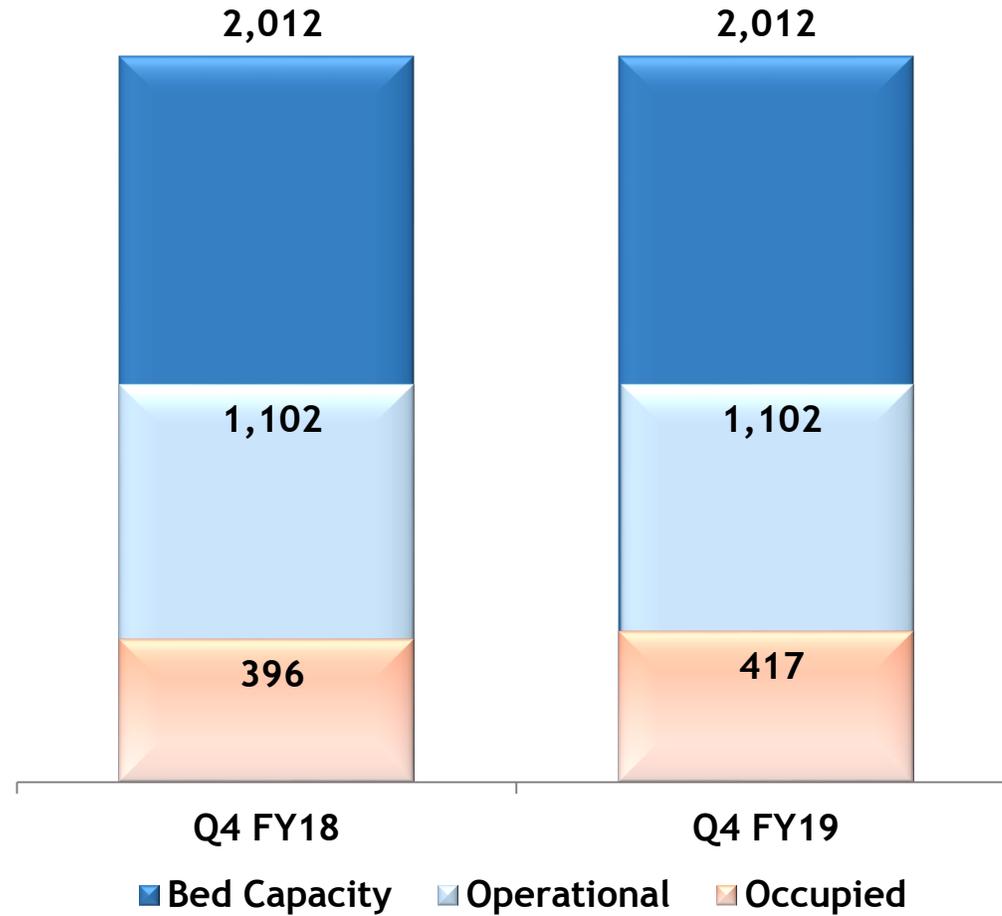


- Arthroplasty
- Orthopaedic
- General Surgery
- Nephrology
- Gynecology & IVF
- Cosmetic & Plastic Surgery
- Oncology
- Others



- Q4 FY19
- Advertising & Promotion
  - Administrative Expenses
  - Employee Cost
  - Other Operative Expenses
  - Fees to Doctors and Consultants
  - Materials & Consumables

# Bed Count Split(Quarterly)



# Maturity Profile - Q4FY19

Maturity Profile	Avg. Occupied Beds	Census Beds	Non-Census Beds	Operational Beds	Non-Operational Beds	Total Bed Capacity
4 years + (SG; Vijay; Krishna; Vapi)	159	325 + 57 = 382	57	382 + 212 = 594	212	594
2-4 years (Jabalpur, Indore)	124	309 + 52 = 361	52	361 + 115 = 476	115	476
< 2 years (Jaipur; Naroda; Surat; Mohali)	134	253 + 56 = 309	56	309 + 583 = 892	583	892
<b>Total</b>	<b>417</b>	<b>887</b>	<b>165</b>	<b>1,102*</b>	<b>910</b>	<b>2,012</b>

Note: The operational bed count of 1,102 considers 50 operational beds at Zynova-Shalby Hospital, Mumbai, for which no other operational parameters are tracked

# Maturity Profile - Q4 FY19 vs Q4 FY18 - Operational Parameters

## Q4 FY 19

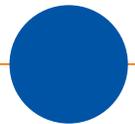
Maturity Profile	IP Count	OP Count	Surgery Count
4 years + (SG; Vijay; Krishna; Vapi)	4005	29507	2807
2-4 years (Jabalpur, Indore)	3085	22736	937
< 2 years (Jaipur; Naroda; Surat; Mohali)	8226	24897	1,149
<b>Total</b>	<b>15316</b>	<b>77140</b>	<b>4,893</b>

## Q4 FY 18

Maturity Profile	IP Count	OP Count	Surgery Count
4 years + (SG; Vijay; Krishna; Vapi)	4294	30140	2963
2-4 years (Jabalpur, Indore)	3303	20575	1039
< 2 years (Jaipur; Naroda; Surat; Mohali)	2401	13474	800
<b>Total</b>	<b>9998</b>	<b>64189</b>	<b>4802</b>

# Maturity Profile - Q4FY19 - with Revenue mix

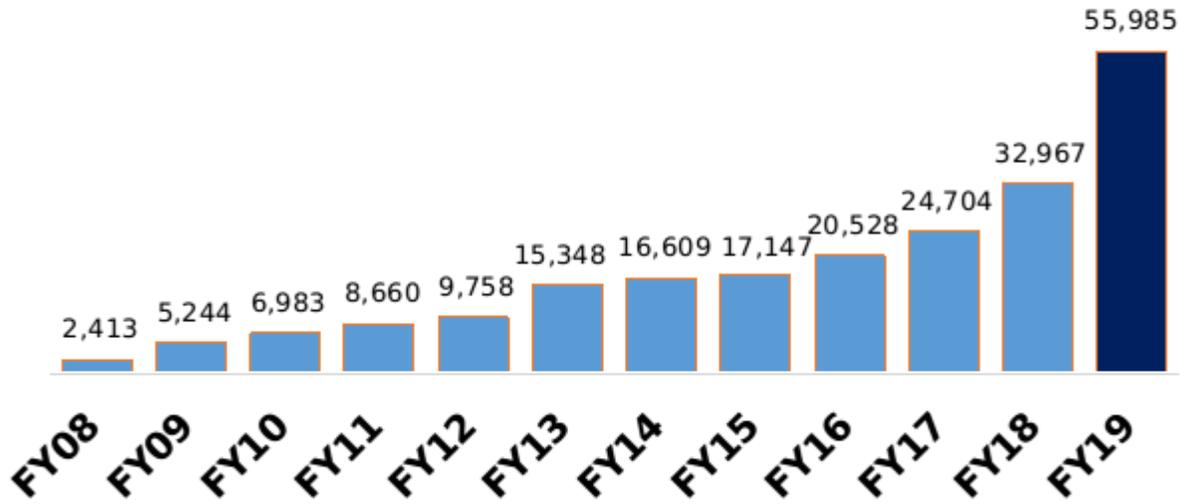
Maturity Profile	% of Total Revenue	Arthroplasty	Non Arthroplasty	ARPOB(Rs)	ALOS(Days)	EBITDA %
4 years + (SG; Vijay; Krishna; Vapi)	51%	30%	21%	40966	3.57	27%
2-4 years (Jabalpur, Indore)	20%	4%	16%	20460	3.63	3.8%
< 2 years (Jaipur; Naroda; Surat; Mohali)	29%	9%	20%	27171	1.46	1.3%
<b>Total</b>	<b>100%</b>	<b>43%</b>	<b>57%</b>	<b>30760</b>	<b>2.45</b>	<b>14.7%</b>



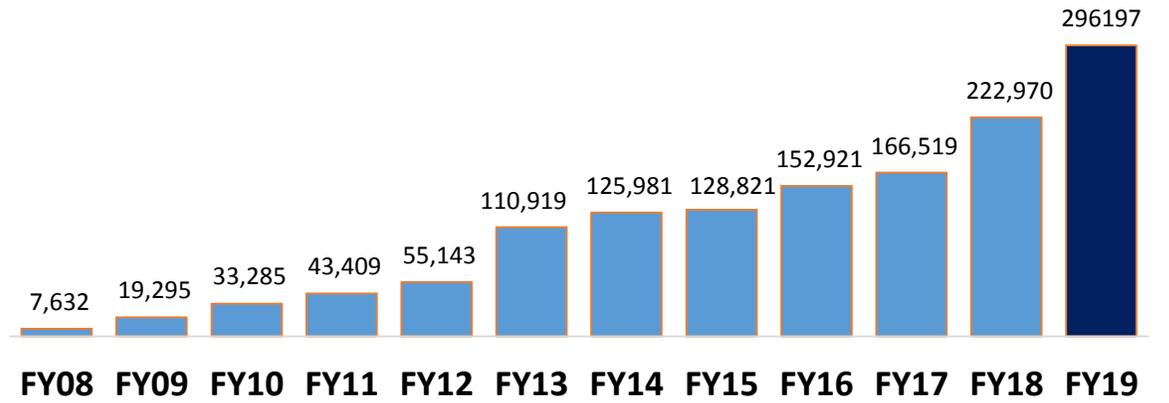
**Track record  
(Yearly Trend)**

# IP and OP Count (Yearly Trend)

## IP Count

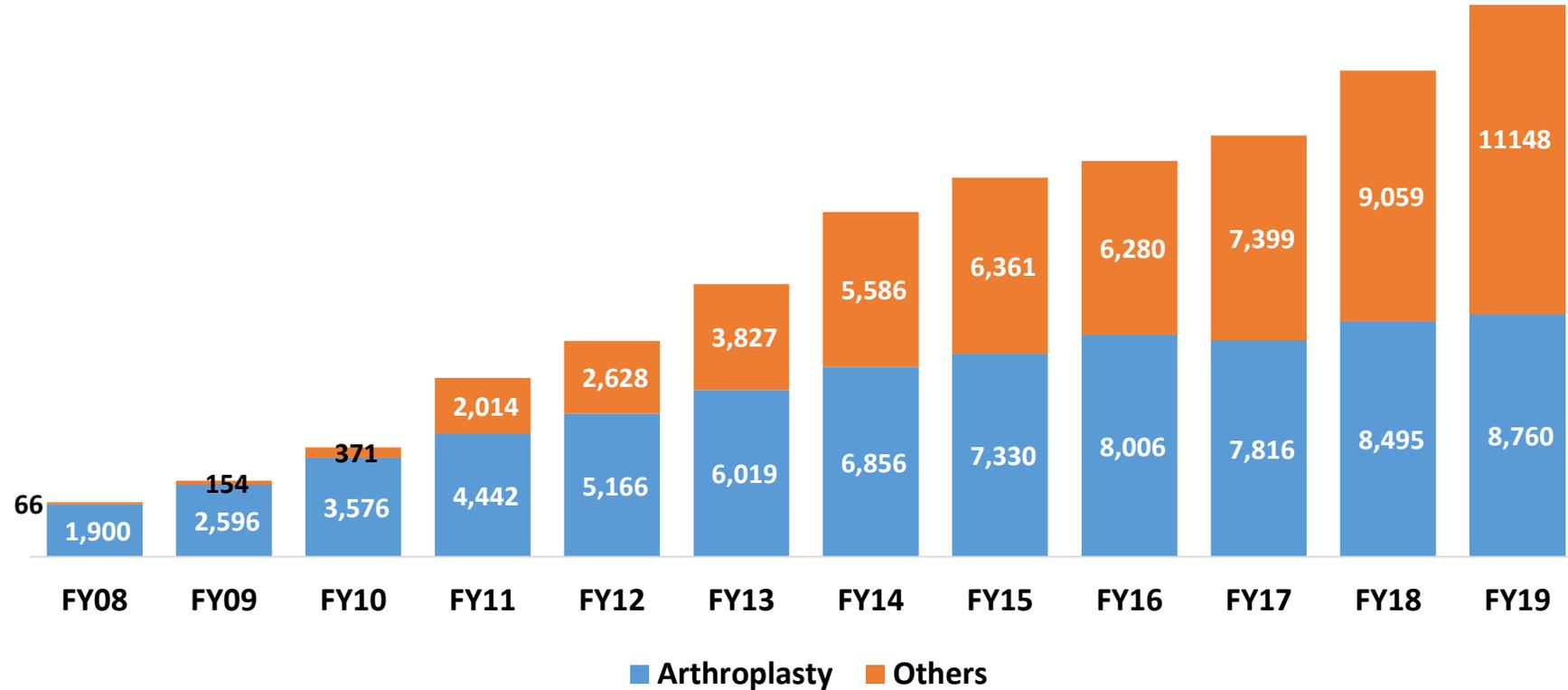


## OP Count



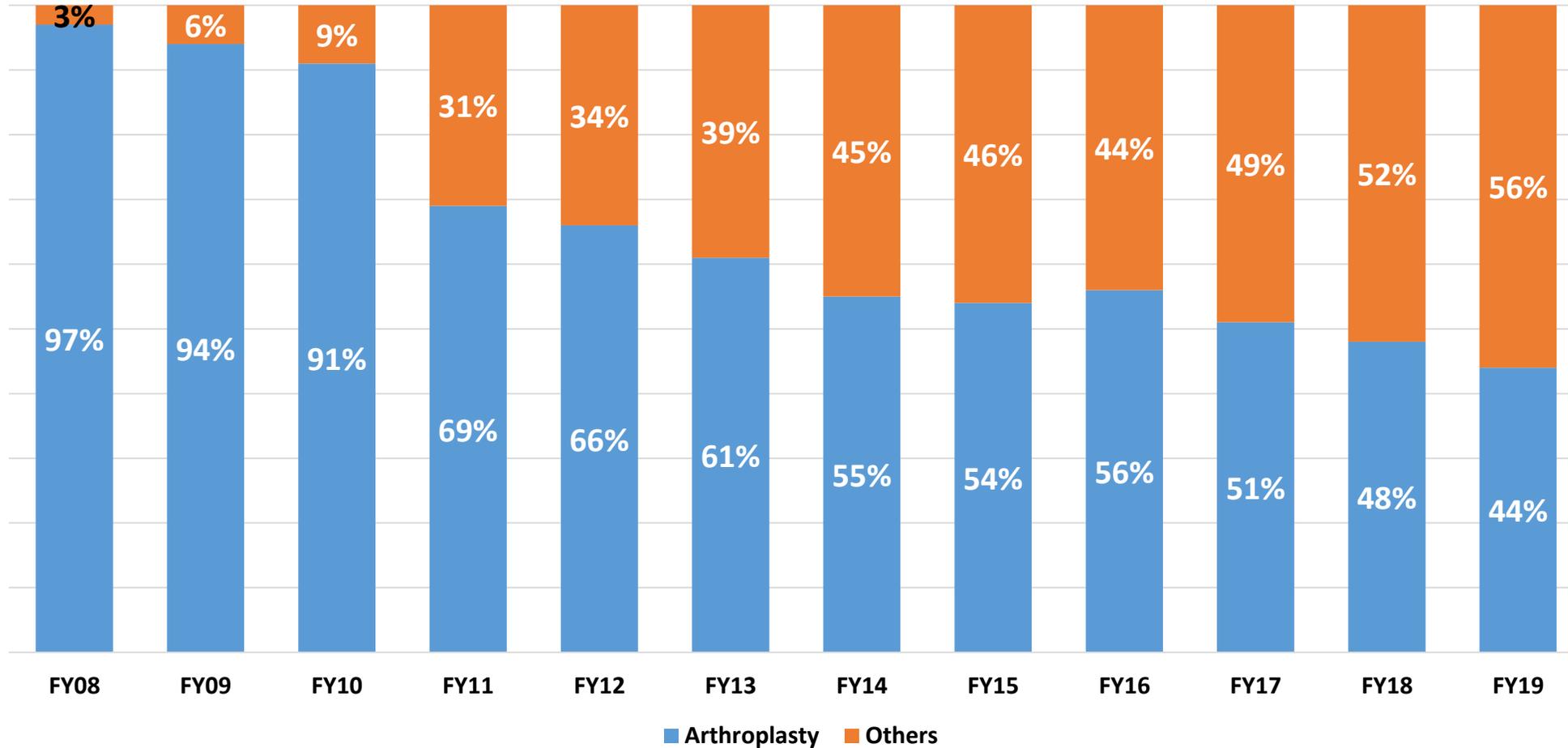
# Surgeries Count (Yearly Trend)

## Surgeries Count: Arthroplasty vs Others



# Surgeries Count (Yearly Trend)

## Arthroplasty Vs Others



# Performance Synopsis FY19

Particulars	Year Ended 31-03-19	% of Revenue	Year Ended 31-03-18	% of Revenue	Growth
Total Revenue (INR in million)	4708.5		3942.35		19.4%
Total EBITDA (INR in million)	908.7	19.3%	930.67	23.6%	(2.4%)
Bed Capacity (Nos.)	2012		2012		N.A
Operational Beds (Nos.)	1102		1102		N.A
Average Length of Stay	2.7		3.7		N.A
Occupancy (Beds)	413		335		23.3%
In-Patient Count (Nos.)	55985 *		32967		69.8%
Out patient Count (Nos.)	296,197		222,970		32.8%
Surgeries Count	19908		17,554		13.4%
ARPOB ( In Rs.)	31235		31564		(1.0%)

\* Increase in IP Count is witnessed due to drastic increase of day care procedures like Radiation therapy, Dialysis etc in Units having < 2 years of Maturity Profile

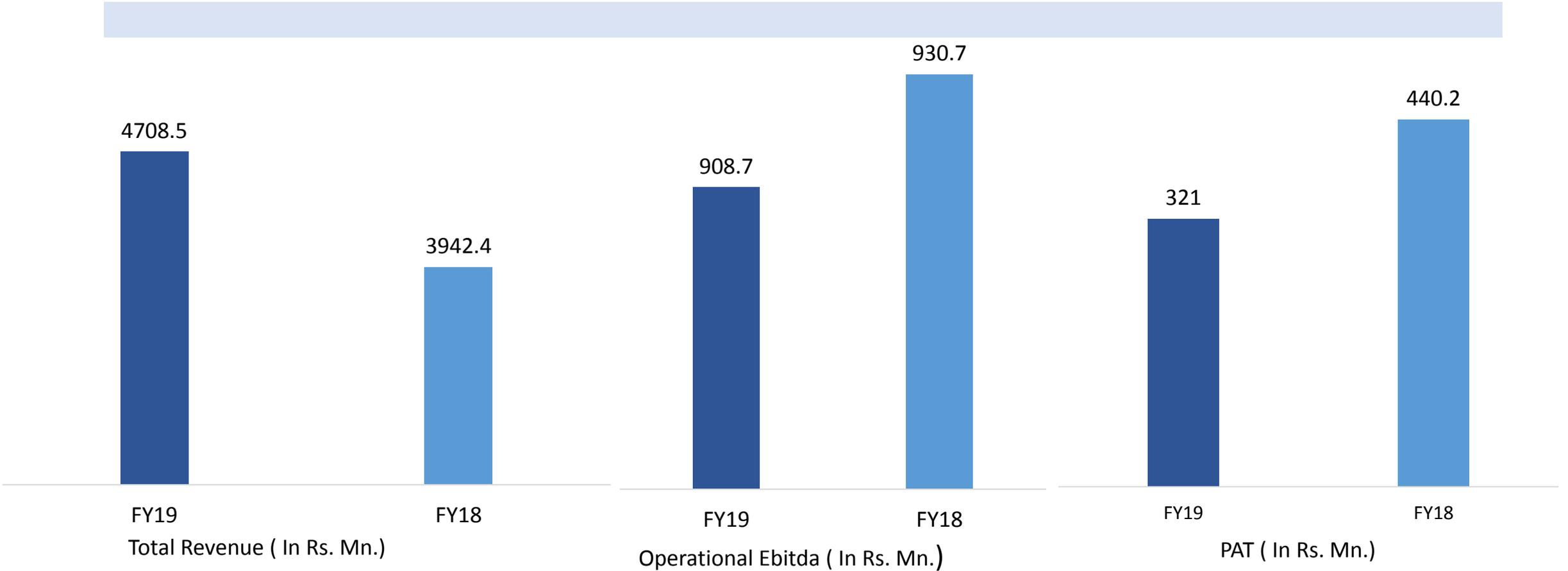
Note: The operational bed count of 1102 considers 50 operational beds at Zynova-Shalby Hospital, Mumbai, for which no other operational parameters are tracked

# Financial Highlights FY19 Standalone

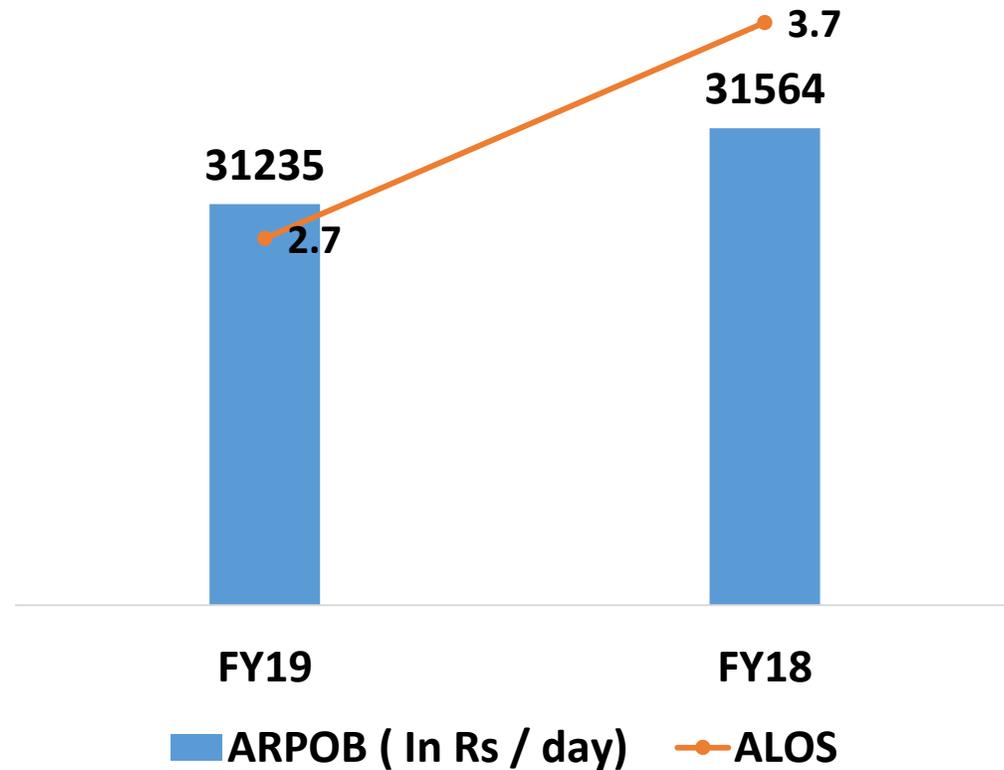
*(INR in million)*

Particulars	Year ended 31-03-19	% of Revenue	Year ended 31-03-18	% of Revenue	Growth
<b>Revenue from Operations</b>	<b>4611.1</b>		<b>3855.2</b>		<b>19.6%</b>
Other Income	97.5		87.1		11.9%
<b>Total Income</b>	<b>4708.5</b>		<b>3942.4</b>		<b>19.4%</b>
<b>Expenses</b>					
Materials & Consumables	1215.4	25.8%	947.7	24.0%	
Fees to Doctors and Consultants	1243.1	26.4%	898.1	22.8%	
Other Operative Expenses	155.6	3.3%	326.7	8.3%	
Employee Costs	851.4	18.1%	447.9	11.4%	
Administrative Expenses	265.6	5.6%	319.6	8.1%	
Advt. & Promotion	68.8	1.5%	71.7	1.8%	
<b>Total Operational Expenses</b>	<b>3799.8</b>	<b>80.7%</b>	<b>3011.7</b>	<b>76.4%</b>	
<b>EBITDA</b>	<b>908.7</b>	<b>19.3%</b>	<b>930.7</b>	<b>23.6%</b>	<b>(2.4%)</b>
Finance Cost	71.4		121.3		
Depreciation & Amortization Expense	330.0		224.3		
<b>Profit before tax (PBT)</b>	<b>507.3</b>		<b>585.01</b>		<b>(13.3%)</b>
Tax Expense	186.2		144.9		
<b>Profit after tax (PAT)</b>	<b>321.0</b>	<b>6.8%</b>	<b>440.2</b>	<b>11.2%</b>	<b>(27.1%)</b>

# Financial Parameters FY19



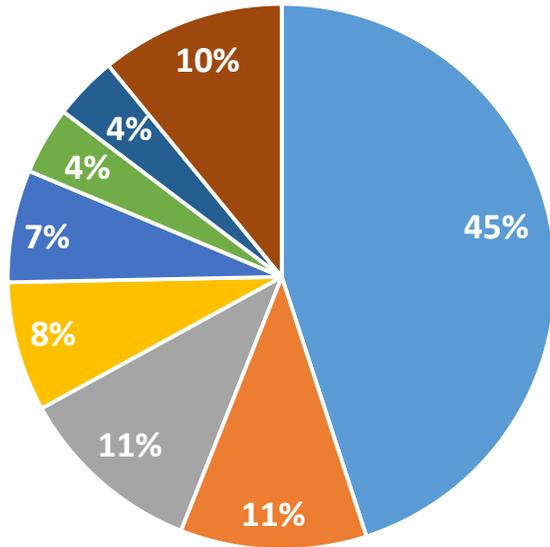
# ARPOB and ALOS (Yearly)



\* Decrease in ALOS is witnessed due to drastic increase of day care procedures like Radiation therapy, Dialysis etc in Units having < 2 years of Maturity Profile

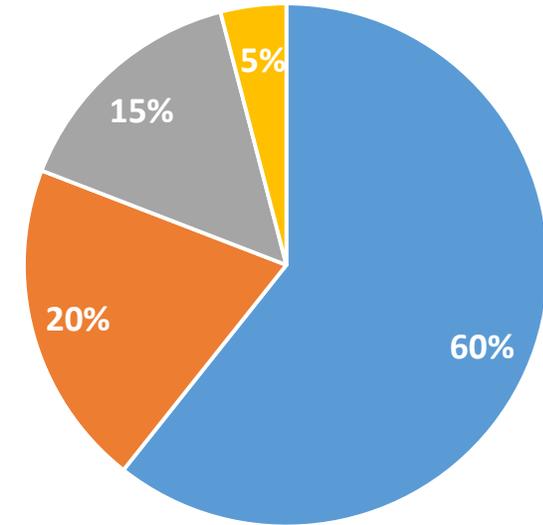
# Revenue Mix FY19

Specialty Mix



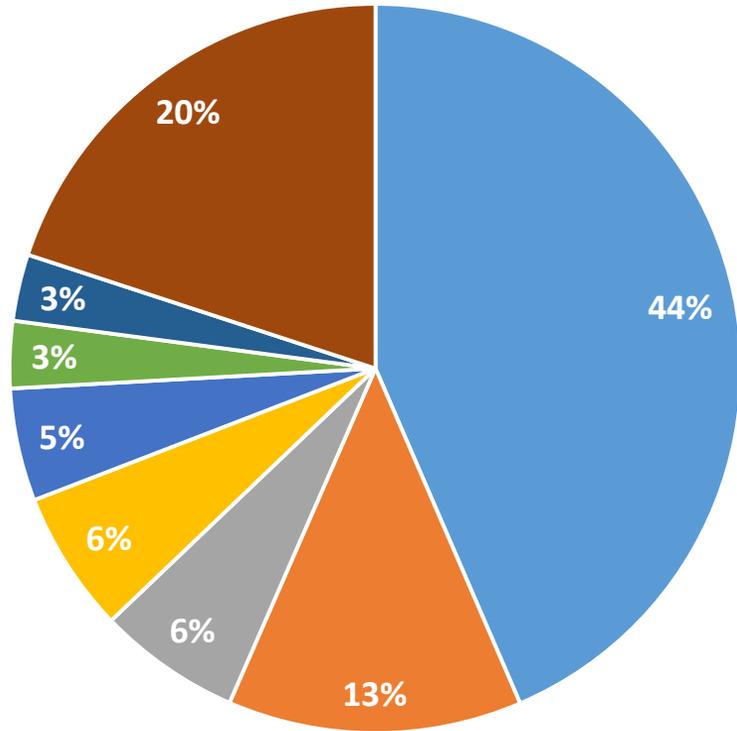
- Arthroplasty
- Cardiac Science
- Other Ortho
- Nephrology
- Critical Care & General Medicine
- Oncology
- Neurology
- Others

Payer Profile



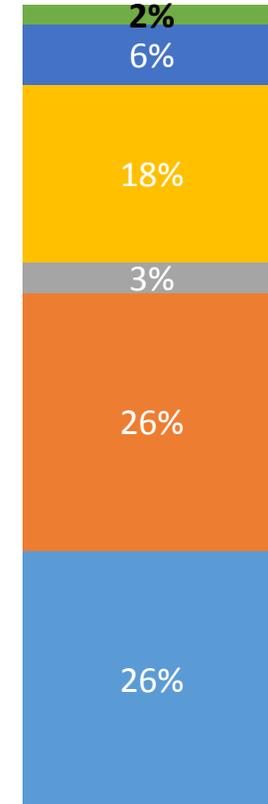
- Self Pay
- Corporate Government
- TPA
- Corporate Private

# Surgery Count and Cost Structure FY19



- Arthroplasty
- Orthopaedic
- General Surgery
- Nephrology
- Gynecology & IVF
- Cosmetic & Plastic Surgery
- Oncology
- Others

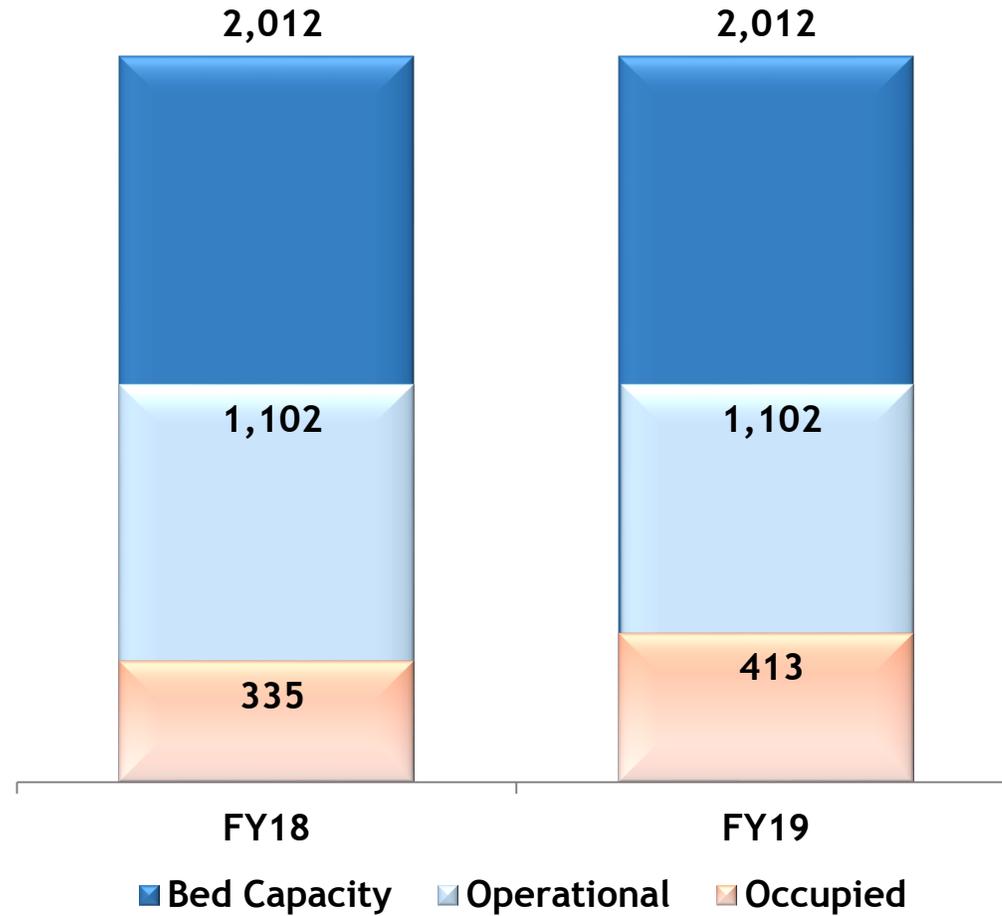
Cost Structure



FY19

- Materials & Consumables
- Fees to Doctors and Consultants
- Other Operative Expenses
- Employee Cost
- Administrative Expenses
- Advertising & Promotion

# Bed Count Split (Yearly)



# Maturity Profile - FY19 - with Revenue mix

Maturity Profile	% of Total Revenue	Arthroplasty	Non Arthroplasty	ARPOB(Rs)	ALOS(Days)	EBITDA %
4 years + (SG; Vijay; Krishna; Vapi)	51%	31%	20%	42107	3.32	30%
2-4 years (Jabalpur, Indore)	22%	4%	18%	20735	3.64	9.0%
< 2 years (Jaipur; Naroda; Surat; Mohali)	28%	10%	18%	29127	1.76	7.3%
<b>Total</b>	<b>100%</b>	<b>45%</b>	<b>55%</b>	<b>31235</b>	<b>2.69</b>	<b>19.3%</b>

# Maturity Profile - Operational Parameters

**FY 19**

Maturity Profile	IP Count	OP Count	Surgery Count
4 years + (SG; Vijay; Krishna; Vapi)	17019	115093	10792
2-4 years (Jabalpur, Indore)	13640	91021	4193
< 2 years (Jaipur; Naroda; Surat; Mohali)	25326	90083	4923
<b>Total</b>	<b>55985</b>	<b>296197</b>	<b>19908</b>

**FY 18**

Maturity Profile	IP Count	OP Count	Surgery Count
4 years + (SG; Vijay; Krishna; Vapi)	15,989	110710	12,026
2-4 years (Jabalpur, Indore)	11,725	74,357	3,317
< 2 years (Jaipur; Naroda; Surat; Mohali)	5,253	37,903	2,211
<b>Total</b>	<b>32967</b>	<b>222970</b>	<b>17554</b>

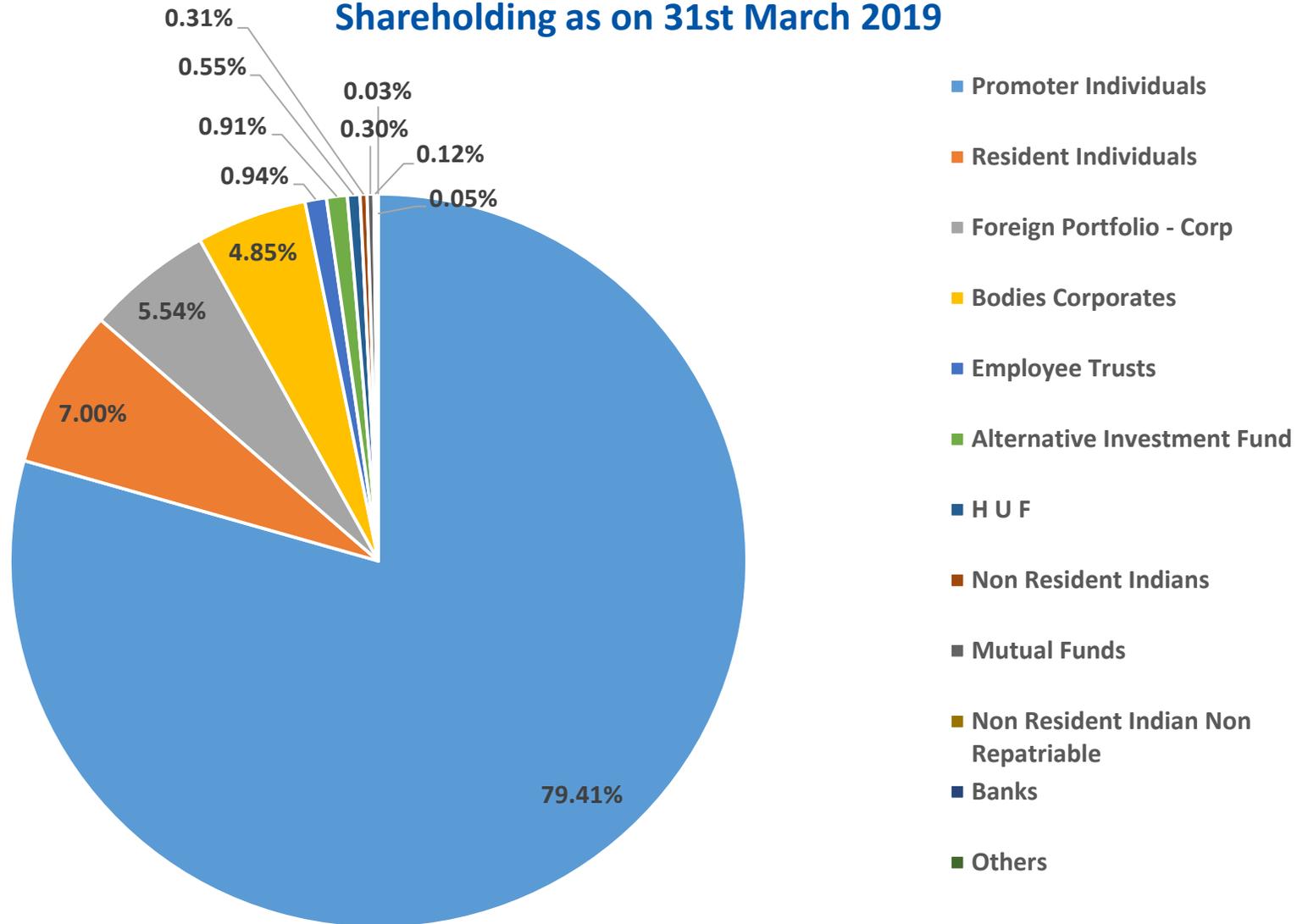
# Maturity Profile - FY19 - with Revenue mix

Maturity Profile	% of Total Revenue	Arthroplasty	Non Arthroplasty	ARPOB(Rs)	ALOS(Days)	EBITDA %
4 years + (SG; Vijay; Krishna; Vapi)	51%	30%	21%	42107	3.32	30%
2-4 years (Jabalpur, Indore)	22%	4%	18%	20735	3.64	9.0%
< 2 years (Jaipur; Naroda; Surat; Mohali)	28%	10%	18%	29127	1.76	7.3%
<b>Total</b>	<b>100%</b>	<b>44%</b>	<b>56%</b>	<b>31235</b>	<b>2.69</b>	<b>19.3%</b>



# Shareholding Pattern

Shareholding as on 31st March 2019





## Dividend for FY 2018-19

**We take pleasure to inform that Company has recommended dividend of 5% .**



# Our Strengths and Differentiators

Experienced promoters with hands-on involvement

Strong brand, global leadership in Joint Replacement

Optimized Business Model now being replicated

Increasing focus on Quaternary treatments such as Oncology and Organ transplants

Even after the IPO promoter holding is ~80%

Unleveraged Balance Sheet

Strong emphasis on governance and compliance

Leadership and succession plan in place

# Detailed Information

For more detailed information please click on the link below:

- [Q4FY19 result](#)
- [Q3FY19 result](#)
- [Q2FY19 result](#)
- [Q1FY19 result](#)
- [Monitoring Agency Report for IPO proceeds](#)
- [FY19 result](#)

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# Thank you

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Fax: +91 79 4020 3120 | Website: [www.shalby.org](http://www.shalby.org) | CIN: L85110GJ2004PLC044667

**Script code: BSE: 540797 | NSE: SHALBY**