



SEC/ADMHL/SE/2018/092

12 November 2018

|                                                                                                                                                               |                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Secretary<br>Listing Department,<br>BSE Limited,<br>1 <sup>st</sup> Floor, Phiroze Jeejeebhoy Towers<br>Dalal Street, Mumbai 400001<br>Scrip Code: 540975 | The Manager,<br>Listing Department,<br>The National Stock Exchange of India Ltd<br>Exchange Plaza, C-1, Block G<br>Bandra Kurla Complex<br>Bandra (East), Mumbai 400051<br>Scrip Symbol: ASTERDM |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Dear Sir/Madam,

**Sub: Investor Presentation for the quarter and half year ended 30<sup>th</sup> September 2018**

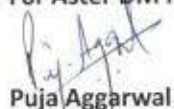
With reference to the captioned subject, please find enclosed the Investor Presentation for the quarter and half year ended 30<sup>th</sup> September 2018 on the Company's performance.

Kindly take the above said information on record as per the requirement of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015.

Thanking You.

Yours faithfully

For Aster DM Healthcare Limited

  
Puja Aggarwal

Company Secretary and Compliance Officer



**Aster DM Healthcare Limited**

(Formerly Aster DM Healthcare Private Limited)  
CIN: U85110KL2008PLC021703  
IX/475L, Aster Medcity, Kuttisahib Road,  
Near Kothad Bridge, South Chittoor P.O.,  
Cheranalloor, Kochi - 682027, Kerala, India  
Tel: +91 484 6699999, Fax: +91 484 6699862  
Email: admn.india@dmhealthcare.com  
Website: www.asterdmhealthcare.com



# ASTER DM HEALTHCARE

Investor Presentation – For the quarter & half year ended 30<sup>th</sup> Sep-2018

# iDisclaimer

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**Aster – Snapshot, Evolution and Footprint**



**Aster – An Integrated Healthcare Provider**



**Operational and Financial Overview**



**Strategy and Leadership**

# Geographical Footprint



## GCC

Hospitals – 10  
Clinics – 104  
Pharmacies - 216

### United Arab Emirates

- Medcare Hospital, Dubai
- Medcare Orthopaedics and Spine Hospital, Dubai
- Aster Hospital Mankhool, Dubai
- Medcare Women and Child, Dubai
- Medcare Hospital, Sharjah
- Clinics [84] & Pharmacies [183]
- Aster Hospital Qusais, Dubai

### Oman

- Al Raffah Hospital, Muscat
- Al Raffah Hospital, Sohar
- Clinics [6] & Pharmacies [6]

### Qatar

- Aster Hospital, Qatar
- Clinics [7] & Pharmacies [6]

### Kingdom of Saudi Arabia

- Sanad Hospital, Riyadh

### Clinics and Pharmacies

- |               |           |
|---------------|-----------|
| • Bahrain     | C[2] P[2] |
| • Kuwait      | P[7]      |
| • Jordan      | P[12]     |
| • Philippines | C[5]      |



C-Clinic    P-Pharmacy

Hospitals - 11  
Clinics - 9

## INDIA

### Kerala

- Aster Medcity, Kochi
- Aster MIMS, Calicut
- Aster MIMS, Kottakkal
- DM WIMS, Wayanad
- Clinics [2]

### Karnataka

- Aster CMI, Bangalore
- Clinics [5]

### Maharashtra

- Aster Aadhar, Kolhapur

### Telangana

- Aster Prime, Ameerpet

### Andhra Pradesh

- Ramesh Hospitals, Guntur
- Ramesh Hospitals, M G Road
- Ramesh Hospitals, Vijayawada
- Ramesh Hospitals: Ongole  
Clinics [2]

# Aster DM Healthcare – At a Glance (1/2)



## HOSPITALS

GCC: 10  
India: 11

21



## CLINICS

GCC: 104  
India: 9

113



## PHARMACIES

GCC: 216

216

Total Facilities

350

One of **Largest Private healthcare** service providers operating in Asia (GCC& India)

**Present in 9 Countries**  
(UAE, Saudi Arabia, Qatar, Oman, Bahrain, Philippines, Kuwait, Jordan and India)

**Largest No. of Medical Centers / Polyclinics in GCC**

**Largest chain of Pharmacies in the UAE**

## CAPACITY BEDS

5,086

GCC: 1,048  
India: 4,038



## PATIENT VISITS – FY19 H1

~8.5 mn

GCC: ~7.6 mn  
India: ~0.9 mn



## REVENUE – FY19 H1

INR 3,612 Cr

GCC: INR 2,985 Cr  
India: INR 627 Cr



## HUMAN RESOURCE



17,714

DOCTORS  
1,499

NURSES  
5,873

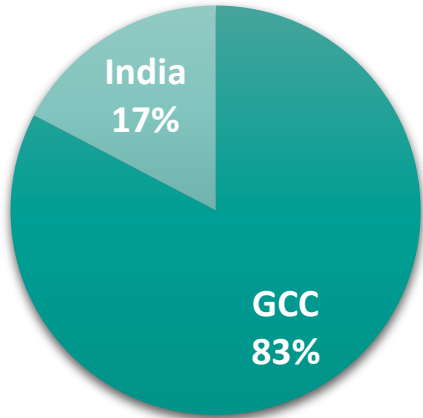
OTHER  
10,342

Notes:

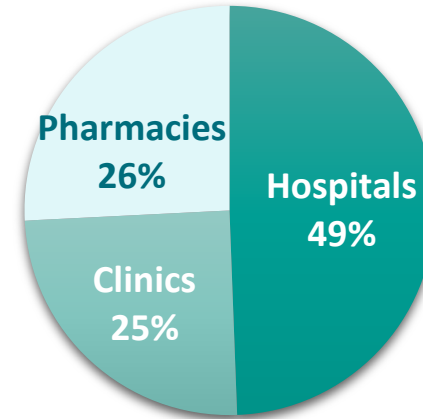
1. Revenue shown above excludes other income

# Aster DM Healthcare – At a Glance (2/2)

Revenue - FY19 H1

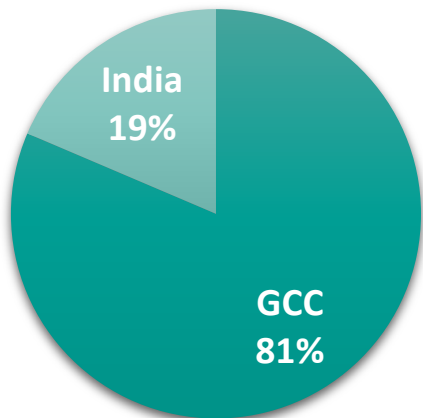


Revenue - FY19 H1

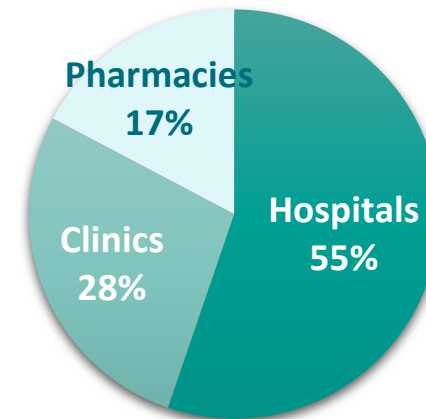


← INR ~3,612 Cr →

EBITDA - FY19 H1



EBITDA - FY19 H1



← INR ~249 Cr →

**Note:**

1. Revenue and EBITDA shown above are excluding other income

2. Above shown percentage of revenue and EBITDA by hospitals clinics and pharmacies are calculated based on gross segmental numbers before allocation of inter-segment revenue and unallocated corporate overheads

# The Aster DM Healthcare Edge

## Aster DM – A Healthcare Ecosystem

- Presence across hospitals, clinics & pharmacies and providing primary, secondary and tertiary/ quaternary care
- Strategic and sizeable network of clinics enable patient feeder structure

## Synergies in Operations due to Presence in GCC & India

- GCC operations contributes ~83% of revenue and Indian operations contributes ~17% of revenue
- GCC network leveraged to promote medical value tourism to India
- India network leveraged to source high quality medical professionals
- Low cost of debt in GCC (5% - 6%)

## Strong track record of performance since inception

- Built notable financial, operational, societal growth trajectory in GCC
- Rapid scale-up in hospitals, clinics, pharmacies across geographies

## Seasoned core management team

- Directors/officers with an average tenure of 18 years of healthcare experience
- Strong second line of management with managerial, healthcare and regulatory experience to provide stability



## Differentiated Asset-light Business Model in GCC

- Asset light model which is built around a leased asset as against the traditional system of owned asset
- Established units in GCC exhibit high average return on capital employed (ROCE) (25% - 30%, excluding corporate overheads for established units of more than 3 years)

## De-risked Business Model

- Diversified revenue sources from multi-geography and multi-economic segment operations
- Presence across all economic segments through our three brands – Medcare, Aster and Access
- GCC operations exposed to stable currencies pegged to US dollars, creating a natural hedge to currency fluctuations

## Benchmark healthcare practices

- Highest standards of patient care reflected in several industry recognitions and patient endorsements on rating platforms

# Aster DM Healthcare - Evolution

GCC

## Building the foundations

1987: Commenced operations as a single doctor clinic in Dubai  
1995: Launched first specialty medical centre in Dubai



## New geographies, segments and service offerings

2003: Expansion to new geography – Qatar, (Clinics)  
2005: Entry into hospital segment through Al Rafa Hospital (UAE)  
2006: Entry into premium segment Medcare hospital (UAE)



## Brand “Aster” was formed, private equity investment, further expansion

2008-09: Entry into Oman - Al Raffah Hospital in Muscat (Oman), added another in Sohar (Oman)  
2010 : Consolidation of group’s medical facilities under the brand Aster.  
2011: Minority stake in Sanad hospital (KSA) ; Acquisition of Medicom Pharmacy group (UAE)  
2012: Medcare Orthopaedics and Spine Hospital (Dubai) ; Acquired Majority stake Al Shafar Pharmacies (UAE)



## Robust Growth across all segments and geographies; Rapid Expansion in India

2015: First clinic in Bahrain and in the Philippines  
2016: Increased stake up to 97% in Sanad Medical Care (KSA)  
2016: Medcare Women and Child Hospital (UAE)  
2017: Medcare Hospital (Sharjah, UAE) and Aster Hospital in Doha, Qatar  
2018: Aster Hospital - Qusais (Dubai, UAE)

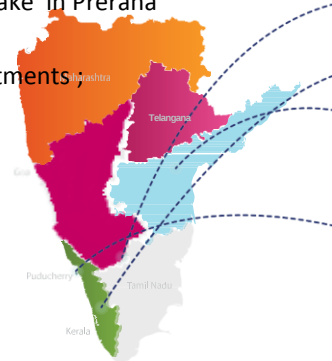
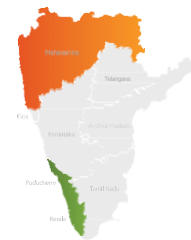


INDIA

2001: Commenced operations at MIMS hospital in Kozhikode, Kerala  
2008 : Private Equity Investments : First Round

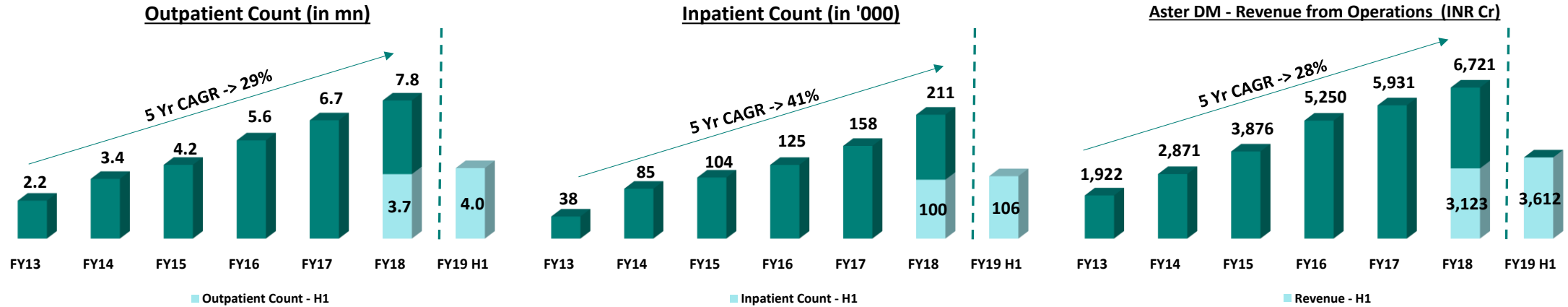


2008 : Acquired Majority stake in Prerana Hospital, Kolhapur  
2012 : Private Equity Investments : Second Round



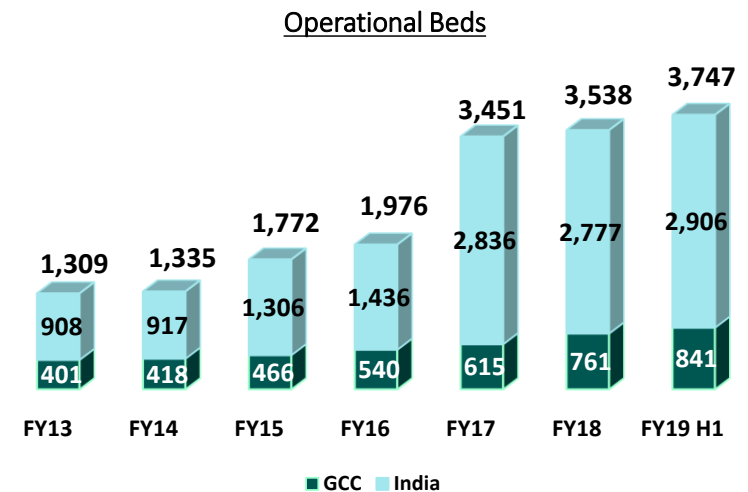
2014: Acquired Management rights in Aster CMI Bengaluru,  
2014: Inaugurated Aster Medcity in Kerala  
2014: Acquired majority stake in Sainatha Hospitals, Andhra Pradesh  
2016: Acquired majority stake in Dr. Ramesh Hospital  
2016: Acquired O&M rights in DM Wayanad Institute of Medical Sciences, Wayanad  
2017: O&M contract with Rashtreeya Sikshana Samithi Trust  
2018: Acquired majority stake in Sangamitra Hospitals

# ROBUST GROWTH OVER LAST 5 YEARS



**..Coupled with capacity creation for further growth, which resulted in an extensive geographical footprint**

| # of Units   | FY13       | FY14       | FY15       | FY16       | FY17       | FY18       | FY19 H1    |
|--------------|------------|------------|------------|------------|------------|------------|------------|
| Hospitals    | 10         | 10         | 14         | 13         | 18         | 19         | 21         |
| Clinics      | 41         | 45         | 69         | 87         | 96         | 101        | 113        |
| Pharmacies   | 98         | 107        | 166        | 180        | 202        | 207        | 216        |
| <b>Total</b> | <b>149</b> | <b>162</b> | <b>249</b> | <b>280</b> | <b>316</b> | <b>327</b> | <b>350</b> |



Note:  
Out-Patient visits mentioned above does not include pharmacy visits



**Aster – Snapshot, Evolution and Footprint**



**Aster – An Integrated Healthcare Provider**



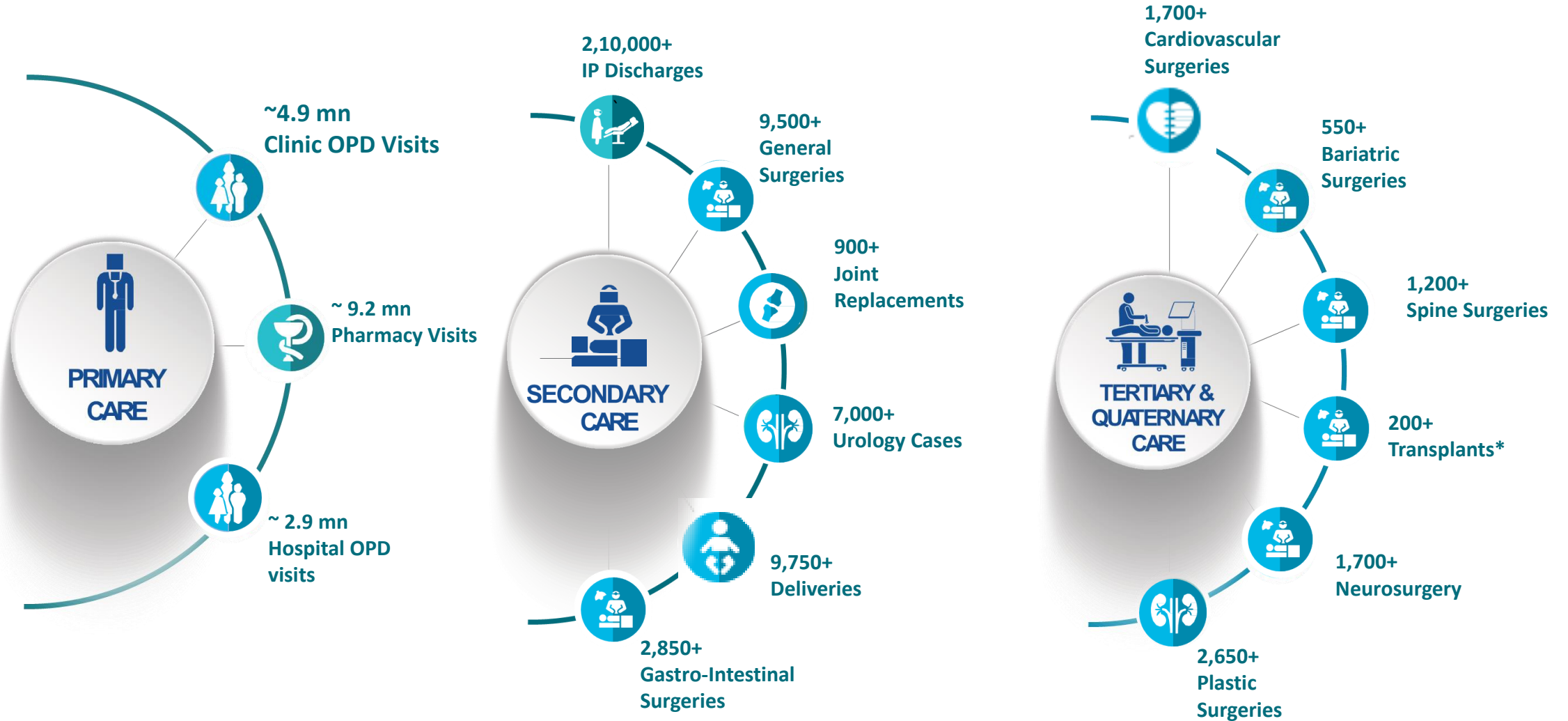
**Operational and Financial Overview**



**Strategy and Leadership**

# iAster - An Integrated Healthcare Provider

## FY18 Operational Information



Note:

\*Transplants includes kidney, heart, liver, pancreas, etc.

Above numbers are for the financial year FY18

# Aster – A Healthcare Ecosystem

## PATIENT LIFE CYCLE MANAGEMENT



## RESOURCE TALENT MANAGEMENT



- Aster, over 30 years, has created a healthcare eco-system across two geographical regions
- In GCC region, Aster's primary care clinics act as the initial touch-points in the patient journey, while pharmacies and hospitals continue the care
- For complex tertiary care patients are transferred to Aster's Hospitals in India
- Indian operations acts as a source of talent (doctors, nurses and other employees) to GCC operations
- Within GCC operations, clinic doctors have the opportunity to hone their surgical skills in Aster's hospitals

# GCC Healthcare – Unique Traits

Healthcare market in GCC states have developed certain unique traits due to the higher expat and working age population

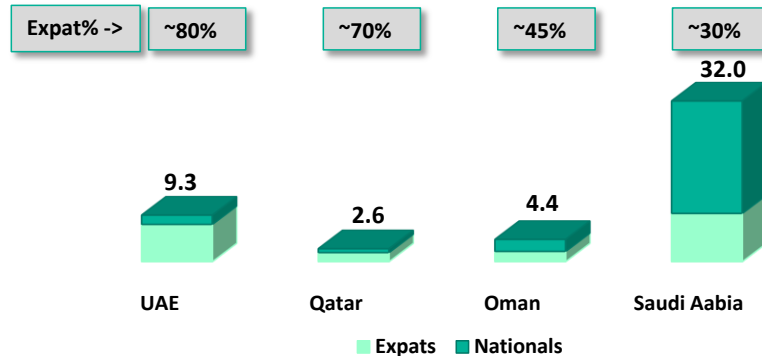
## Prevalence of Primary and Secondary Healthcare Facilities (Private Sector)

- Due to lower % of older population requirement of tertiary and quaternary care is relatively limited
- Due to lack of support systems (family, relatives, etc.) expat community travel back to their home countries for major health concerns
- Hence private healthcare delivery is focused on primary and secondary healthcare
- Recently there is a trend towards selective tertiary care focus in UAE, however this will remain proportionately lower
- Only Saudi Arabia, with its sizeable population of nationals is suitable for tertiary and quaternary care facilities

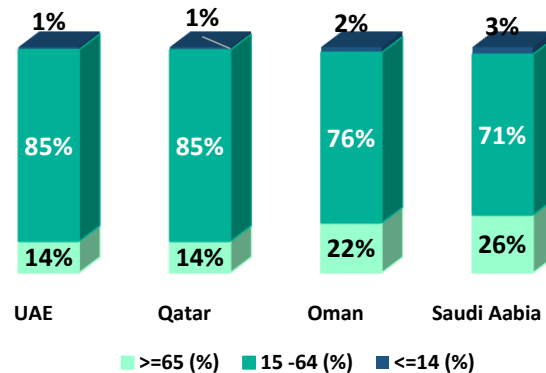
## Seasonality of Patient Volumes

- Decline in volumes across hospitals, pharmacies and segments during the summer months in the GCC countries .
- Expats form a major proportion of the population in GCC countries barring Saudi Arabia. During the extreme summer season and school holidays, a large amount of population leave the GCC region.
- Some doctors also travel back to their home country during this period as well.
- Impact visible across industries - reflected particularly more in primary care facilities like clinics and pharmacies.
- H1 and H2 revenues in GCC are usually split around 45%-55% but the EBITDA split can vary as much as 30% and 70% for H1 and H2.
- Increase in revenue in H2 results in proportionately larger increase in profitability due to operating leverage.
- Seasonality variation consistently visible over several years , can be expected to continue

**Population (mn)**



**Population Age (%)**



Source : World Bank (2016 data)

# Aster - Awards & Service Excellence



## JCI Accreditation for 6 Hospitals 1 Clinic and 1 diagnostic centre

Medcare Hospital Dubai, Medcare Orthopaedics and Spine Hospitals, Aster Mankhool (Dubai), Al Raffa Hospital (Sohar), Sanad Hospital (KSA), Aster Medcity (India), Jubilee Clinic and Medinova Diagnostic Centre (Dubai)



## NABH Accreditations

MIMS Kozhikode, MIMS Kottakal, Aster Aadhar, Aster Medcity, Kochi, Aster CMI, Bengaluru, Dr. Ramesh (Vijaywada), Dr. Ramesh Labbipet and Dr. Ramesh Guntur.



Sanad Hospital obtained Accreditation from "Saudi Central Board for Accreditation for Healthcare Institutions (CBAHI)"



11<sup>th</sup> Arabia CSR Awards 2018 – special recognition in healthcare



International Hospital Federation Excellence Award for Corporate Social Responsibility



## Padma Shri Award

Dr. Azad Moopen, Chairman & Managing Director – Aster DM Healthcare received "Padma Shri Award", the 4<sup>th</sup> highest civilian award in India by President of India Pratibha Patil in 2011.



## Dubai Quality Award – Aster Hospital Mankhool

Aster and Medcare recognized among top 100 World's Greatest Brands in Asia & GCC



## Aster Pharmacy

Received "Best Service Performance Brand" by Dubai service Excellence scheme (2014)

"Dubai Quality Appreciation Award" by the Govt. of Dubai (2017)

"UAE Innovation Award" (2018)



"The Sheikh Khalifa Excellence Award" (2018)



"Sharjah top 10 Business Excellence Award" (2018)



## Aster Medcity

Received the "Certificate of Honor" from the NABH for being one of the best & safest Hospitals in India (2016)



Received the "Quality Beyond Accreditation Award" by the association of Healthcare Providers 2016 (India)



Received "National Awards for Excellence in Healthcare" for "best Healthcare Entrepreneur" and "Best Dialysis Service Provider" by CMO Asia (2015)



**Aster – Snapshot, Evolution and Footprint**



**Aster – An Integrated Healthcare Provider**



**Operational and Financial Overview**



**Strategy and Leadership**

# Key Highlights – FY19 Q2

## Clinical Highlights

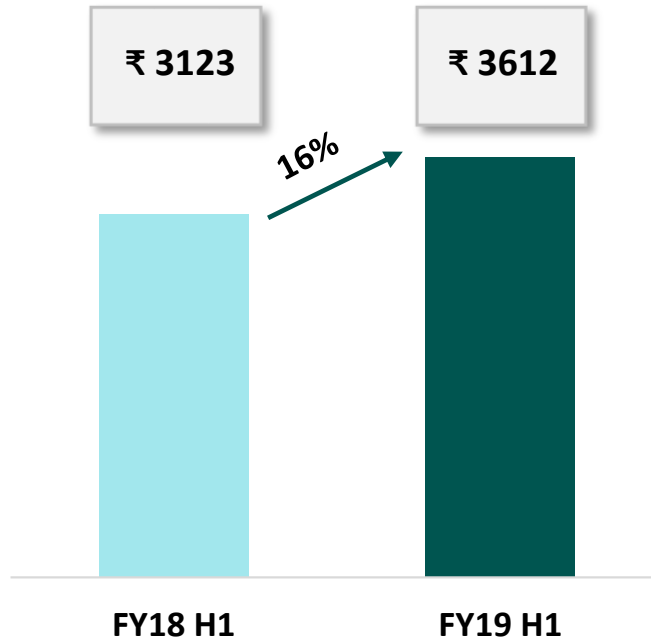
- Liver transplant by ILC team using pioneering technology - OrganOx Metra (Normothermic Machine Perfusion for the first time in Asia; Aster first in Asia to use new Liver Transplant technique
- Successful TIPS (Transjugular Intrahepatic Postsystemic Shunt Creation) procedure on a Situs Inversus patient to treat Cirrhosis of liver in Aster CMI; 3<sup>rd</sup> case in the world
- Aster Medcity Completed 100 Robotic Gynaec Surgeries and launched Vertigo clinic

## Operational Highlights

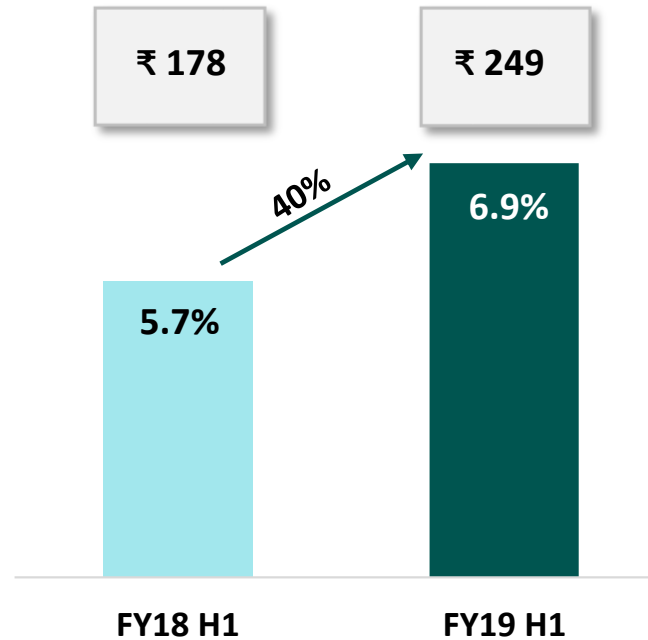
- During the current quarter, added 1 hospital, 1 clinic and 3 pharmacies
- Aster CMI received the NABH Accreditation; also received DNB Accreditation for Anesthesiology & Radio diagnosis
- Aster Medcity Kochi received Service Excellence award from ASSOCHAM
- Express Healthcare : Best Corporate Hospital Pharmacies Citation
- Aster Hospital – Qusais (Dubai, UAE) was commissioned in August 2018

# Revenue and Profitability Snapshot - FY19H1

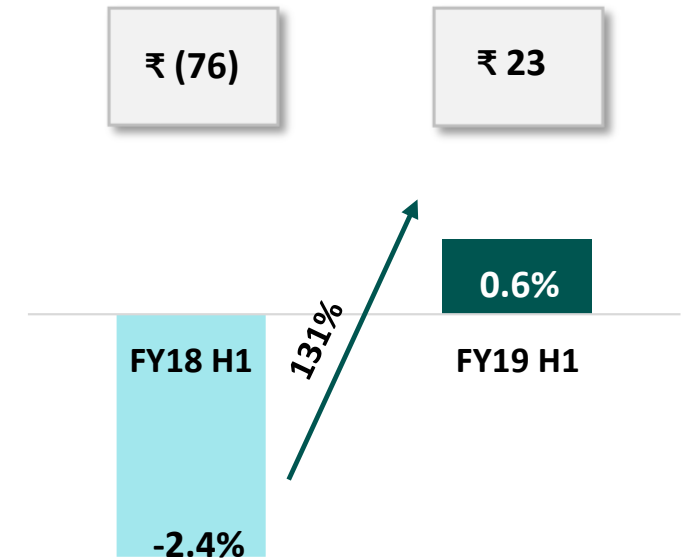
## Revenue From Operations



## EBITDA (excl. Other Income)



## PAT



- Constant currency growth of Revenue, EBITDA and PAT is ~10%, ~33% and ~128% respectively

### Notes:

- Revenue and EBITDA shown above are excluding other income
- Percentages mentioned inside the bars are % to revenue excluding other income

# Business – Snapshot (1/2)

|                                                                                                      | GCC      |          | INDIA    |          | CONSOLIDATED |           |
|------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|--------------|-----------|
|                                                                                                      | FY18 H1  | FY19 H1  | FY18 H1  | FY19 H1  | FY18 H1      | FY19 H1   |
|  Total Capacity Beds | 867      | 1,048    | 3,887    | 4,038    | 4,754        | 5,086     |
|  Operational Beds    | 752      | 841      | 2,832    | 2,906    | 3,584        | 3,742     |
|  ALOS (Days)         | 2.1      | 2.0      | 3.7      | 3.5      | 3.2          | 3.0       |
|  Occupancy           | 51%      | 56%      | 68%      | 61%*     | 62%          | 60%       |
|  Outpatient Visits  | ~0.57 mn | ~0.65 mn | ~0.80 mn | ~0.83 mn | ~1.37 mn     | ~1.48 mn  |
|  In-patient Nos.   | 32,100 + | 38,800+  | 68,000 + | 67,400+  | 100,200 +    | 106,200 + |
|  ARPOBD            | 148,800+ | 154,000+ | 22,800 + | 25,600 + | 48,900+      | 57,100+   |

Notes: 1. Inpatient nos, Outpatient visits stated above are only for the hospitals.

2. Waynad Institute of Medical Sciences (WIMS) details are not included in calculation of occupancy, OP & IP visits, ALOS and ARPOBD

3. In FY19, due to IndAS 15 accounting standard, partial provision for doubtful debts and volume discounts have been netted off against revenue. The same has impacted ARPOB calculation.

\* Reduction in occupancy in India for FY19H1 as compared to FY18H1 is mainly due to Nipah virus outbreak in Calicut and Kerala floods.

# i Business – Snapshot (2/2)

|                                                                                   |             | GCC      |          | INDIA   |         | CONSOLIDATED |          |
|-----------------------------------------------------------------------------------|-------------|----------|----------|---------|---------|--------------|----------|
|                                                                                   |             | FY18 H1  | FY19 H1  | FY18 H1 | FY19 H1 | FY18 H1      | FY19 H1  |
|  | Revenue (₹) | 2,543 Cr | 2,985 Cr | 580 Cr  | 627 Cr  | 3,123 Cr     | 3,612 Cr |
|  | EBITDA (₹)  | 135 Cr   | 202 Cr   | 43 Cr   | 47 Cr   | 178 Cr       | 249 Cr   |
|  | PAT (₹)     | (38) Cr  | 39 Cr    | (38) Cr | (15) Cr | (76) Cr      | 23 Cr    |

**Notes:**

1. Revenue and EBITDA shown above are excluding other income
2. PAT calculation with decimals: GCC = INR ~38.92 Cr, India = INR ~15.47 Cr. loss, Consolidated = INR ~23.45 Cr

# Segmental Performance

| FY19 H1                   | GCC Hospitals | GCC Clinics | GCC Pharmacies | India - Hospitals & Clinics | Unallocated & Eliminations | Total |
|---------------------------|---------------|-------------|----------------|-----------------------------|----------------------------|-------|
| No. of Business Units (#) | 10            | 104         | 216            | H-11, C-9                   | NA                         | 350   |
| Operational Beds (#)      | 841           | NA          | NA             | 2,906                       | NA                         | 3,747 |
| Occupancy (%)             | 56%           | NA          | NA             | 61%                         | NA                         | 60%   |
| In-patient Counts ('000)  | 39            | NA          | NA             | 67                          | NA                         | 106   |
| Out-patient Visits (mn)   | 0.65          | 2.47        | 4.44           | 0.88                        | NA                         | 8.44  |
| Revenue (INR Cr)          | 1,198         | 915         | 952            | 627                         | (80)                       | 3,612 |
| EBITDA (INR Cr)           | 142           | 98          | 62             | 56                          | (108)                      | 249   |
| EBITDA Margin (%)         | 11.8%         | 10.7%       | 6.5%           | 9.0%                        | --                         | 6.9%  |

| FY18 H1                   | GCC Hospitals | GCC Clinics | GCC Pharmacies | India - Hospitals & Clinics | Unallocated & Eliminations | Total |
|---------------------------|---------------|-------------|----------------|-----------------------------|----------------------------|-------|
| No. of Business Units (#) | 9             | 90          | 207            | H-10, C-7                   | NA                         | 323   |
| Operational Beds (#)      | 752           | NA          | NA             | 2,832                       | NA                         | 3,584 |
| Occupancy (%)             | 51%           | NA          | NA             | 68%                         | NA                         | 62%   |
| In-patient Counts ('000)  | 32            | NA          | NA             | 68                          | NA                         | 100   |
| Out-patient Visits (mn)   | 0.57          | 2.26        | 4.27           | 0.83                        | NA                         | 7.92  |
| Revenue (INR Cr)          | 967           | 811         | 774            | 580                         | (9)                        | 3,123 |
| EBITDA (INR Cr)           | 76            | 68          | 54             | 52                          | (73)                       | 178   |
| EBITDA Margin (%)         | 7.9%          | 8.4%        | 7.0%           | 9.0%                        | --                         | 5.7%  |

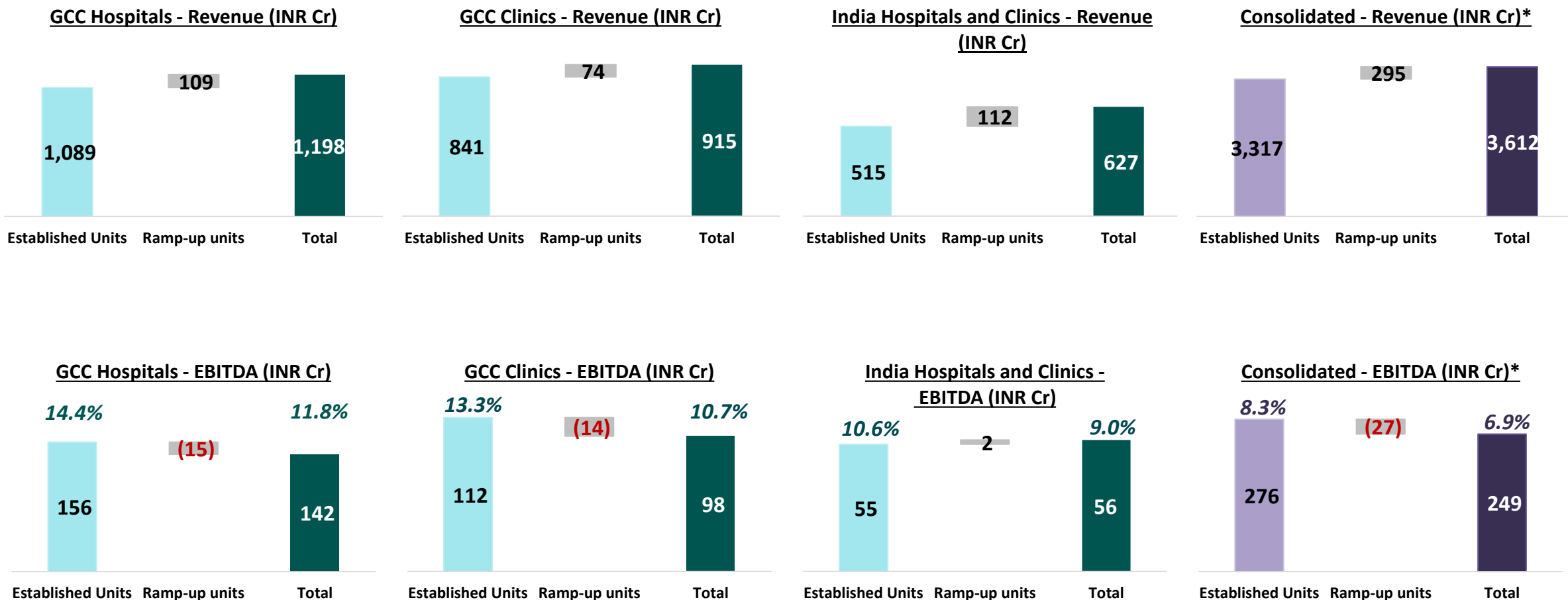
## Notes:

1. Revenue and EBITDA shown above are excluding other income
2. Waynad Institute of Medical Sciences (WIMS) details are not included in calculation of occupancy, OP & IP visits

| GCC Hospitals - Gw% | GCC Clinics - Gw% | GCC Pharmacies - Gw% | India - Hospitals & Clinics - Gw% | Unallocated & Eliminations - Gw% | Total - Gw% |
|---------------------|-------------------|----------------------|-----------------------------------|----------------------------------|-------------|
|                     |                   |                      |                                   |                                  | -           |
|                     |                   |                      |                                   |                                  | -           |
|                     |                   |                      |                                   |                                  | -           |
| 21%                 | NA                | NA                   | -1%                               | NA                               | 6%          |
| 14%                 | 9%                | 4%                   | 6%                                | NA                               | 7%          |
| 24%                 | 13%               | 23%                  | 8%                                | NA                               | 16%         |
| 85%                 | 44%               | 14%                  | 8%                                | 49%                              | 40%         |
|                     |                   |                      |                                   |                                  | -           |

- Increase in revenue eliminations to INR ~80 Cr. in FY19H1 from INR ~ 9 Cr. in FY18H1 is predominantly due to centralized procurement of pharma products in GCC through our GCC pharmacies segment
- The same is reflected in the revenue growth and margin reduction seen in our GCC pharmacies segment
- GCC Hospitals - constant currency growth of Revenue and EBITDA is ~16% and ~74% respectively.
- GCC Clinics - constant currency growth of Revenue and EBITDA is ~6% and ~35% respectively.
- GCC Pharmacies - constant currency growth of Revenue and EBITDA is ~16% and ~7% respectively.

# Vintage-wise Performance FY19 H1



- Units with vintage less than 36 months are considered as units in ramp-up phase in GCC hospitals, GCC clinics, India hospitals & clinics
- \*Entire GCC pharmacy segment and unallocated expenses are considered as part of established category in Consolidated section and no vintage breakdown is required

Notes:

1. Revenue and EBITDA shown above are excluding other income

# Hospitals List

| Hospitals - GCC                                                                                                           | Location     | Commencement/<br>Acquisition Year | Bed<br>Capacity | Operational<br>Beds | Owned<br>/Leased |
|---------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------|-----------------|---------------------|------------------|
|  Medcare Hospital                        | Dubai, UAE   | 2007                              | 64              | 55                  | Leased           |
|  Al Raffa Hospital                       | Muscat, Oman | 2009                              | 85              | 74                  | Leased           |
|  Al Raffa Hospital                       | Sohar, Oman  | 2010                              | 73              | 63                  | Leased           |
|  Medcare Orthopaedics and Spine Hospital | Dubai, UAE   | 2012                              | 33              | 27                  | Leased           |
|  Aster Hospital Mankhool                 | Dubai, UAE   | 2015                              | 126             | 108                 | Leased           |
|  Medcare Women and Child Hospital        | Dubai, UAE   | 2016                              | 104             | 87                  | Leased           |
|  Medcare Hospital                        | Sharjah, UAE | 2017                              | 130             | 113                 | Leased           |
|  Sanad Hospital                          | Riyadh, KSA  | 2011                              | 218             | 218                 | Owned            |
|  Aster Hospital                          | Doha, Qatar  | 2017                              | 61              | 25                  | Leased           |
|  Aster Hospital Qusais                   | Dubai, UAE   | 2018                              | 154             | 71                  | Leased           |

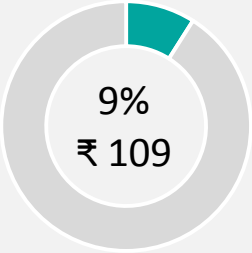
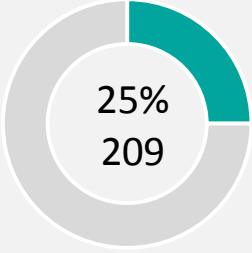
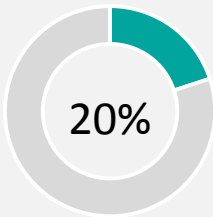
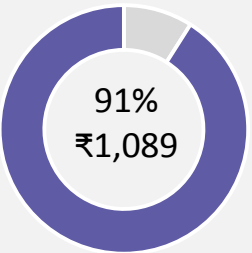
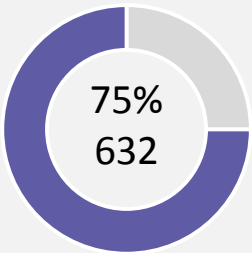
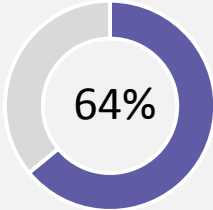
| Hospitals - India                                                                                                 | Location      | Commencement/<br>Acquisition Year | Bed<br>Capacity | Operational<br>Beds | Owned<br>/Leased/ O&M |
|-------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------|-----------------|---------------------|-----------------------|
|  Aster Aadhar Hospital           | Kolhapur, MH  | 2008                              | 176             | 151                 | Owned                 |
|  MIMS Kozhikode                  | Kozhikode, KL | 2013                              | 678             | 513                 | Owned                 |
|  MIMS Kottakkal                  | Kottakkal, KL | 2013                              | 229             | 171                 | Owned                 |
|  Aster CMI                      | Bengaluru, KA | 2014*                             | 509             | 277                 | O&M                   |
|  Aster Medcity                 | Kochi, KL     | 2014                              | 670             | 421                 | Owned                 |
|  Prime Hospitals - Ameerpet    | Hyderabad, TG | 2014                              | 158             | 100                 | Leased                |
|  DM WIMS Wayanad               | Waynad, KL    | 2016                              | 880             | 798                 | O&M                   |
|  Dr. Ramesh Guntur             | Guntur, AP    | 2016                              | 350             | 175                 | Leased                |
|  Dr. Ramesh - Main Centre      | Vijaywada, AP | 2016                              | 184             | 160                 | Leased                |
|  Dr. Ramesh - Labbipet         | Vijaywada, AP | 2016                              | 54              | 50                  | Leased                |
|  Dr. Ramesh Sanghamitra-Ongole | Ongole, AP    | 2018                              | 150             | 90                  | Owned                 |

| Geography    | Capacity<br>Beds | Operational<br>Beds |
|--------------|------------------|---------------------|
| GCC          | 1,048            | 841                 |
| India        | 4,038            | 2,906               |
| <b>Total</b> | <b>5,086</b>     | <b>3,747</b>        |

Note:

1. Medcare Women and Child is a carve out of Medcare Hospital. | 2. Aster Hospital Mankhool is the expansion of Al Raffa Hospital for Maternity & Surgery. | 3. MH – Maharashtra, KL – Kerala, KA – Karnataka, TG – Telangana, AP – Andhra Pradesh  
4. Dr. Ramesh Hospitals has acquired ~51% stake in Sangamitra Hospital (150 beds), Ongole, Andhra Pradesh | 5. \* Aster CMI was acquired in 2014 and relaunched post expansion in Aug 2016

# Maturity Wise Hospital Performance – GCC FY19H1

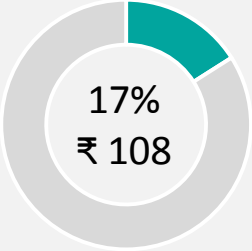
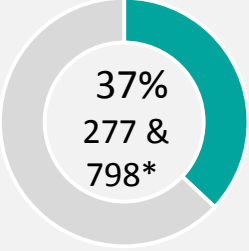
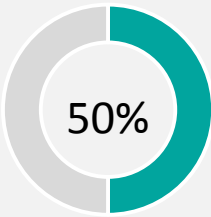
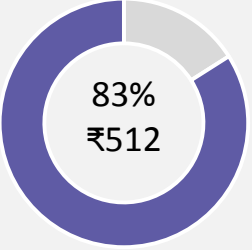
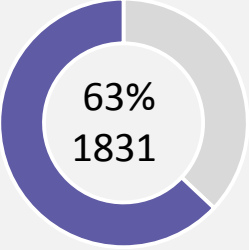
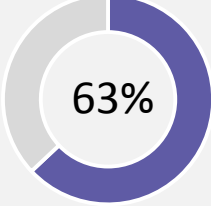
| Maturity     | Hospitals | Revenue<br>(INR in Crs.)                                                                                 | Operational Beds                                                                                        | Key Performance indicators |                                                                                                 |                                                                                                              |
|--------------|-----------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|              |           |                                                                                                          |                                                                                                         | ARPOBD                     | Occupancy                                                                                       | EBITDA<br>EBITDA %<br>(INR in Cr.)                                                                           |
| 0-3 Years    | 3         |  <p>9%<br/>₹ 109</p>    |  <p>25%<br/>209</p>  | ₹ ~205,400                 |  <p>20%</p>  |  <p>₹(14.8)</p>           |
| Over 3 Years | 7         |  <p>91%<br/>₹1,089</p> |  <p>75%<br/>632</p> | ₹ ~150,300                 |  <p>64%</p> |  <p>₹156.4<br/>14.4%</p> |
|              | 10        | ₹ 1,198                                                                                                  | 841                                                                                                     | ₹ ~154,000                 | 56%                                                                                             | ₹141.7                                                                                                       |

**GCC hospitals** 0-3 Years : Medcare Sharjah Hospital (UAE), Aster Doha Hospital (Qatar), Aster Hospital Qusais (UAE)

Note: 1. In new hospitals, out-patient revenue is proportionately higher compared to established hospitals leading to a higher ARPOBD. The same will normalize over time.

2. Revenue and EBITDA shown above are excluding other income

# Maturity Wise Hospital Performance – India FY19H1

| Maturity     | Hospitals | Revenue<br>(INR in Crs.)                                                                               | Operational Beds                                                                                                      | Key Performance indicators |                                                                                                 |                                                                                                             |
|--------------|-----------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
|              |           |                                                                                                        |                                                                                                                       | ARPOBD                     | Occupancy                                                                                       | EBITDA<br>EBITDA %<br>(INR in Cr.)                                                                          |
| 0-3 Years    | 2         |  <p>17%<br/>₹ 108</p> |  <p>37%<br/>277 &amp;<br/>798*</p> | ₹ ~42,200                  |  <p>50%</p>  |  <p>₹ 3.7<br/>3.4 %</p>  |
| Over 3 Years | 9         |  <p>83%<br/>₹512</p> |  <p>63%<br/>1831</p>              | ₹ ~23,700                  |  <p>63%</p> |  <p>₹54.5<br/>10.6%</p> |
|              | 11        | ₹ 620                                                                                                  | 2906                                                                                                                  | ₹ ~25,600                  | 61%                                                                                             | ₹ 58.2                                                                                                      |

**Indian hospitals** 0-3 Years : Aster CMI Hospital (Bengaluru, Karnataka), Waynad Institute of Medical Science : Indian Clinics operations is not included in Revenue and EBITDA shown above.

Note: Waynad Institute of Medical Sciences (WIMS) details are not included in calculation of occupancy and ARPOBD shown above.

- \* Operational beds include 798 beds of Waynad Institute of Medical Sciences (WIMS) which is under O & M.
- Revenue and EBITDA shown above are excluding other income

# Financial Summary – Profitability Statement (1/2)

| Particulars (INR Cr)                                                   | FY18 H1       | FY19 H1      | FY19 H1-<br>Growth% |
|------------------------------------------------------------------------|---------------|--------------|---------------------|
| <b>Revenue from operations</b>                                         | <b>3,123</b>  | <b>3,612</b> | <b>16%</b>          |
| Material consumption                                                   | 973           | 1,102        |                     |
| Doctors cost                                                           | 702           | 815          |                     |
| Employee cost (excl. doctors)                                          | 680           | 761          |                     |
| Other expenses                                                         | 438           | 523          |                     |
| <b>EBITDAR</b>                                                         | <b>330</b>    | <b>411</b>   | <b>24%</b>          |
| <i>EBITDAR %</i>                                                       | <i>10.6%</i>  | <i>11.4%</i> |                     |
| Rent                                                                   | 152           | 161          |                     |
| <b>EBITDA (excl. other income)</b>                                     | <b>178</b>    | <b>249</b>   | <b>40%</b>          |
| <i>EBITDA %</i>                                                        | <i>5.7%</i>   | <i>6.9%</i>  |                     |
| Depreciation & amortization                                            | 174           | 150          |                     |
| <b>EBIT</b>                                                            | <b>5</b>      | <b>100</b>   | <b>2095%</b>        |
| <i>EBIT %</i>                                                          | <i>0.1%</i>   | <i>2.8%</i>  |                     |
| Add: Other income                                                      | 19            | 34           |                     |
| Exceptional expense (income)                                           | -             | 2            |                     |
| Finance cost                                                           | 89            | 80           |                     |
| Share of loss (profit) of equity accounted investees                   | 0             | (4)          |                     |
| <b>PBT</b>                                                             | <b>(66)</b>   | <b>56</b>    | <b>185%</b>         |
| Income tax                                                             | 17            | 22           |                     |
| <b>PAT (Pre-Non Controlling Interest)</b>                              | <b>(83)</b>   | <b>34</b>    | <b>141%</b>         |
| <i>PAT (Pre-Non Controlling Interest)%</i>                             | <i>-2.6%</i>  | <i>0.9%</i>  |                     |
| Non controlling interest                                               | (6)           | 11           |                     |
| <b>PAT</b>                                                             | <b>(76)</b>   | <b>23</b>    | <b>131%</b>         |
| <i>PAT %</i>                                                           | <i>-2.4%</i>  | <i>0.6%</i>  |                     |
| <b>Earnings per share - Not Annualised (Face value of INR 10 each)</b> |               |              |                     |
| Basic (INR)                                                            | <b>(1.65)</b> | <b>0.47</b>  |                     |
| Diluted (INR)                                                          | <b>(1.65)</b> | <b>0.47</b>  |                     |

- As against the previous investor presentations, currently, the Revenue & EBITDA shown excludes other income component.

# Financial Summary – Profitability Statement (2/2)

| Particulars (INR Cr)                                                   | FY19 Q1      | FY18 Q2      | FY19 Q2      | FY19 Q2-<br>Growth% |
|------------------------------------------------------------------------|--------------|--------------|--------------|---------------------|
| <b>Revenue from operations</b>                                         | <b>1,775</b> | <b>1,566</b> | <b>1,837</b> | <b>17%</b>          |
| Material consumption                                                   | 552          | 481          | 550          |                     |
| Doctors cost                                                           | 399          | 341          | 415          |                     |
| Employee cost (excl. doctors)                                          | 376          | 334          | 385          |                     |
| Other expenses                                                         | 247          | 193          | 276          |                     |
| <b>EBITDAR</b>                                                         | <b>200</b>   | <b>217</b>   | <b>211</b>   | <b>-3%</b>          |
| <i>EBITDAR %</i>                                                       | <i>11.3%</i> | <i>13.8%</i> | <i>11.5%</i> |                     |
| Rent                                                                   | 76           | 78           | 85           |                     |
| <b>EBITDA (excl. other income)</b>                                     | <b>124</b>   | <b>138</b>   | <b>125</b>   | <b>-9%</b>          |
| <i>EBITDA %</i>                                                        | <i>7.0%</i>  | <i>8.8%</i>  | <i>6.8%</i>  |                     |
| Depreciation & amortization                                            | 74           | 95           | 76           |                     |
| <b>EBIT</b>                                                            | <b>50</b>    | <b>43</b>    | <b>50</b>    | <b>15%</b>          |
| <i>EBIT %</i>                                                          | <i>2.8%</i>  | <i>2.8%</i>  | <i>2.7%</i>  |                     |
| Add: Other income                                                      | 17           | 10           | 16           |                     |
| Exceptional expense (income)                                           | -            | -            | 2            |                     |
| Finance cost                                                           | 40           | 46           | 39           |                     |
| Share of loss (profit) of equity accounted investees                   | (5)          | 0            | 1            |                     |
| <b>PBT</b>                                                             | <b>32</b>    | <b>7</b>     | <b>24</b>    | <b>264%</b>         |
| Income tax                                                             | 12           | 9            | 10           |                     |
| <b>PAT (Pre-Non Controlling Interest)</b>                              | <b>20</b>    | <b>(3)</b>   | <b>14</b>    | <b>623%</b>         |
| <i>PAT (Pre-Non Controlling Interest)%</i>                             | <i>1.1%</i>  | <i>-0.2%</i> | <i>0.8%</i>  |                     |
| Non controlling interest                                               | 8            | (3)          | 3            |                     |
| <b>PAT</b>                                                             | <b>12</b>    | <b>1</b>     | <b>11</b>    | <b>2062%</b>        |
| <i>PAT %</i>                                                           | <i>0.7%</i>  | <i>0.0%</i>  | <i>0.6%</i>  |                     |
| <b>Earnings per share - Not Annualised (Face value of INR 10 each)</b> |              |              |              |                     |
| Basic (INR)                                                            | <b>0.25</b>  | <b>0.01</b>  | <b>0.22</b>  |                     |
| Diluted (INR)                                                          | <b>0.25</b>  | <b>0.01</b>  | <b>0.22</b>  |                     |

- As against the previous investor presentations, currently, the Revenue & EBITDA shown excludes other income component.

# Financial Summary – Balance Sheet & Ratios

| Particulars (INR Cr)                            | As at 31st<br>March, 2018 | As at 30th<br>Sep, 2018 |
|-------------------------------------------------|---------------------------|-------------------------|
| <b><u>LIABILITIES</u></b>                       |                           |                         |
| Shareholders Equity                             | 2,832                     | 3,009                   |
| Minority Interest                               | 358                       | 393                     |
| Debt                                            | 2,241                     | 2,655                   |
| Other current and non-current liabilities       | 2,054                     | 2,402                   |
| <b>Total Liabilities</b>                        | <b>7,484</b>              | <b>8,459</b>            |
| <b><u>ASSETS</u></b>                            |                           |                         |
| Fixed Assets & Investments (including Goodwill) | 4,153                     | 4,644                   |
| Inventories                                     | 627                       | 642                     |
| Cash, Bank Balance and Current Investments      | 324                       | 306                     |
| Other current and non-current assets            | 2,380                     | 2,867                   |
| <b>Total Assets</b>                             | <b>7,484</b>              | <b>8,459</b>            |

| Financial Position and Ratios                               | As at 31st<br>March, 2018 | As at 30th<br>Sep, 2018 |
|-------------------------------------------------------------|---------------------------|-------------------------|
| <b><u>Equity and Liabilities (Extract) - INR Cr</u></b>     |                           |                         |
| Consolidated Net worth (including Non-controlling Interest) | 3,190                     | 3,403                   |
| Consolidated Net Debt                                       | 1,916                     | 2,348                   |
| <b><u>Equity and Liabilities (Extract) - USD mn</u></b>     |                           |                         |
| Consolidated Net worth (including Non-controlling Interest) | 492                       | 470                     |
| Consolidated Net Debt                                       | 296                       | 325                     |
| <b><u>Key financial ratios</u></b>                          |                           |                         |
| Net Debt/Equity ratio (x times)                             | 0.6                       | 0.7                     |
| Net Debt/EBITDA ratio (x times) *                           | 2.9                       | --                      |
| ROCE - Pre-Tax (%) (EBIT / Average Capital Employed)*       | 7.1%                      | --                      |

| India (in INR Cr)                                | As at 31st<br>March 2018 | As at 30th<br>Sep 2018 |
|--------------------------------------------------|--------------------------|------------------------|
| Debt                                             | 358                      | 399                    |
| Less: Cash, Bank Balance and Current Investments | 198                      | 181                    |
| <b>Net Debt</b>                                  | <b>160</b>               | <b>218</b>             |

| GCC (in USD mn)                                  | As at 31st<br>March 2018 | As at 30th<br>Sep 2018 |
|--------------------------------------------------|--------------------------|------------------------|
| Debt                                             | 290                      | 312                    |
| Less: Cash, Bank Balance and Current Investments | 20                       | 17                     |
| <b>Net Debt</b>                                  | <b>271</b>               | <b>295</b>             |

Note: Finance lease obligation of INR ~122 cr in FY19 H1 (INR ~111 cr in FY18) is classified under other current and noncurrent liabilities

\* Due to seasonality in operations, net debt/EBITDA ratio and ROCE % is not meaningful for a quarter. As per previous investor presentation reporting, the EBITDA used for ratio calculations includes other income

Balance Sheet – Conversion Rates  
31-Mar-2018 : 1 USD =64.8230 INR  
30-Sep-2018 : 1 USD =72.3309 INR

# Pipeline Projects

| Hospitals - GCC                                                                                 | Location             | Type                    | Planned Beds | Expected Completion Year | Stage        | Owned / Leased/O&M |
|-------------------------------------------------------------------------------------------------|----------------------|-------------------------|--------------|--------------------------|--------------|--------------------|
|  Aster Hospital | Sonapur, Dubai, UAE  | Greenfield              | 41           | Q4 FY 2019               | Construction | Leased             |
|  Aster Hospital | Sharjah, UAE         | Greenfield              | 80           | Q4 FY 2020               | Design       | Leased             |
|  Aster Hospital | Muscat, Oman         | Greenfield (Relocation) | 145          | H1 FY 2021               | Design       | Leased             |
|  Sanad Hospital | Riyadh, Saudi Arabia | Expansion               | 69           | Q4 FY 2019               | Construction | Owned              |

| Hospitals - India                                                                                  | Location              | Type       | Planned Beds | Expected Completion Year | Stage            | Owned / Leased/O&M |
|----------------------------------------------------------------------------------------------------|-----------------------|------------|--------------|--------------------------|------------------|--------------------|
|  MIMS Kannur       | Kannur, Kerala        | Greenfield | 200          | Q4 FY 2019               | Construction     | Owned              |
|  Aster RV Hospital | Bengaluru, Karnataka  | Brownfield | 223          | Q4 FY 2019               | Construction     | O&M                |
|  Aster Hospital    | Chennai, Tamil Nadu   | Greenfield | 500          | FY 2020-21               | Initial Planning | O&M                |
|  Aster Aadhar      | Kolhapur, Maharashtra | Expansion  | 60           | Q4 FY 2020               | Design           | Owned              |



**Aster – Snapshot, Evolution and Footprint**



**Aster – An Integrated Healthcare Provider**



**Operational and Financial Overview**



**Strategy and Leadership**

# IADMHL – Strategy & Outlook (1/2)

## Strengthening of hub and spoke model in GCC

- To capitalize on the existing primary care clinics network in GCC by adding secondary / tertiary care hospitals
- In FY18, 65 bed Aster Hospital, Doha commenced operations to utilize the untapped Aster clinics network in Doha
- Planned addition of ~240 beds over next 2 years in UAE to capitalize on Aster and Access brand clinics, located farther away from our existing Aster Hospital in Mankhool, Dubai
- Above strategy will enable expansion of our quality services in middle and low economic segments category of patients, where there is a supply-demand gap

## A comprehensive human resource strategy utilizing our geographical diversity and catering to future growth

- To create an enabling environment for skill development and growth of doctors and paramedics, providing quality care to our patients
- Maintain the current high retention of senior doctors across the group
- Identify and add to the strong pipeline of doctors for our expansion & replacement requirements; early identification is key, especially in GCC countries due to strict licensing requirements
- Selective GCC licensing of doctors from our Indian hospitals – to enable need based transfer to GCC hospitals & clinics
- Retention of skilled paramedics in Indian operations, by fulfilling aspiration of career growth outside India

## Scalable systems implementation, tightly integrated with operations/market requirements

- Systems implementation with focus on scalability and future business requirements
- Enhancement of patient experience through technology at each patient touchpoints
- Information systems to drive productivity improvement

## Strengthening of our medical tourism network

- To further strengthen integration of GCC & India operations to provide consistent quality experience to patients across geographies
- To position our premium segment Medcare hospitals as service provider of choice for affluent international patients travelling to Dubai for medical tourism; Strategy in-line with Dubai government's medical tourism strategy with a vision of making as a globally recognized destination for elective health and wellness treatments

# iADMHL – Strategy & Outlook (2/2)

## Profitability growth & brand positioning using product-mix and technology

- Focus on margin expansion through sale of own / exclusive licensed products
- Shift to online ordering of prescription for enhanced patient experience

## Building of brand, talent and capability in KSA – a key market in GCC

- There is significant demand for quality healthcare services in Kingdom of Saudi Arabia (KSA), currently the largest economy in GCC with the highest population; Further, current policy reforms expected to improve the business environment in KSA
- Having successfully diversified our revenue streams in KSA, ADMHL further plans to strengthen our brand, talent pipeline and management capability

## Specialized, asset-light growth in India

- Focus on key centres of excellence - Orthopedics, Medical Oncology, Cardiac Sciences, Neurosciences, Gastroenterology, Women and Child, Bariatric, Integrated Liver care, Nephrology, Urology, NICU & Dermatology
- Growth in addition to the current committed projects to follow an asset-light model in metropolitan and tier-I cities with large format hospitals (400 to 500 beds each)
- Expansion into tier-II and tier-III cities in partnership with local hospitals by leveraging IT/tele-medicine, instead of building/leasing hospitals

## Cost Optimization

- Back office integration across strategic business units
- Clear demarcation of medical and non-medical activities in hospitals/clinics and re-allocation of activities accordingly
- Centralization of purchases to utilize our economies of scale

# India Strategy

The new National Health Protection Scheme announced by the Central Government will cover half of the population in India, and lead to significant improvement in capacity utilization in Indian hospitals and enable scope for further expansion

- GDP spent on healthcare in India is very low and there is significant demand supply gap
- Low affordability and insurance penetration are major reasons why healthcare hasn't taken off
- NHPS will enable newer operating models to capture emerging opportunity – suit your pocket, assisted living, etc.

In line with focus on derisking business – target of 25% of overall revenues

India is geographically well positioned for medical tourism from the GCC states, MENA region and South-East Asia

Focus on large format hospitals in Tier 1 cities – Hospitals in Tier 1 cities estimated to deliver superior EBITDA margins

GCC network leveraged to promote medical value tourism to India operations

View entry of regulator in Indian healthcare as a positive change – Aster DM has extensive experience of operating in regulated GCC markets

Long-term lease or an O&M model to enable better ROCEs

Focus on hospital driven operating model vs 'Superstar doctor' driven operating model

**Aster DM Hospitals consistently amongst the top in google rankings and patient endorsements – Visibly growing appreciation in India for quality healthcare, clinical excellence and patient service**



# Aster Leadership Team



**Dr. Azad Moopen**  
Chairman and Managing Director

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**Alisha Moopen**  
Chief Executive Officer –  
GCC Hospitals & Clinics

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**T. J. Wilson**  
Group Head – Governance and  
Corporate Affairs, GCC

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**Dr. Malathi**  
Chief Medical Officer

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**Dr. Harish Pillai**  
Chief Executive Officer – India

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**Jobilal M. Vavachan**  
Chief Executive Officer, Aster  
Pharmacies, Aster Clinics – UAE

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**Sreenath Reddy**  
Chief Financial Officer

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**Kartik Thakrar**  
Financial Controller, GCC

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**Veneeth Purushotaman**  
Chief Information Officer

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**Fara Siddiqi**  
Chief Human Resources Officer

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**Puja Aggarwal**  
Company Secretary

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# Aster Board of Directors



**Dr. Azad Moopen**  
Chairman and Managing Director

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**Alisha Moopen**  
Chief Executive Officer –  
GCC Hospitals & Clinics

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**Daniel Robert  
Mintz**  
Non-Executive Director

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**Harsh Mariwala**  
Independent Director

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**Ravi Prasad**  
Independent Director

---



**M. Madhavan  
Nambiar**  
Independent Director

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**T. J. Wilson**  
Non-Executive Director

---



**Shamsudheen Bin  
Mohideen Mammu Haji**  
Non-Executive Director

---



**Daniel James  
Snyder**  
Independent Director

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**Suresh M.  
Kumar**  
Independent Director

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**Biju Varkkey**  
Independent Director

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# THANK YOU

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