

Accessible, Affordable and Quality Healthcare for All

**Sector Profile** 



ibrant 10-13 Jan GUJARAT 2017

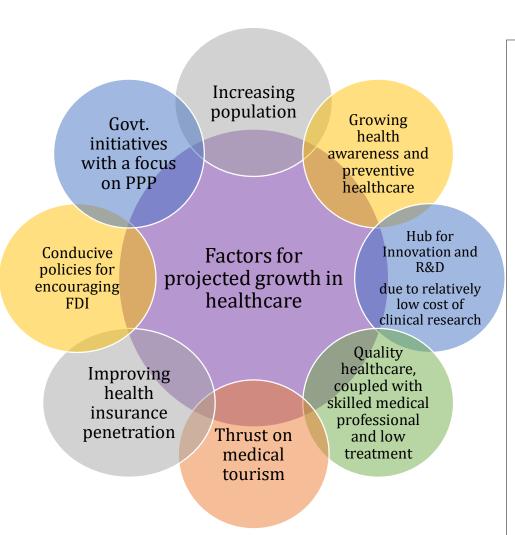
# **Healthcare Sector**

**India Scenario** 

## Overview: Factors for growth in healthcare







- India is expected to rank amongst the top three healthcare markets in terms of incremental growth by 2020.
- Indian healthcare sector is expected to advance at a CAGR of 22.87 per cent during 2015–20 to reach USD280 billion. Indian health sector is expected to create 40 million new jobs by 2020.
- With the increasing medical infrastructure and skilled human resource (potential for forex), medical value travel market is expected to grow at a CAGR of 30 per cent between 2014 and 2019.
- India's medical device market is currently the 4<sup>th</sup> largest in Asia with 700 medical device makers, and ranks among the top 20 in the world.

Source: Frost & Sullivan, LSI Financial Services, TechSci Research

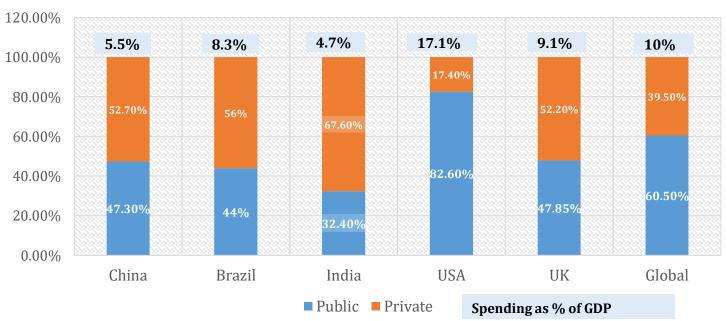






Indian healthcare sector is forecasted to reach USD 160 billion (INR 10.4 lakh crores) in 2017, and is poised to reach USD 280 billion by 2020.

## Comparing healthcare spend - India and Global



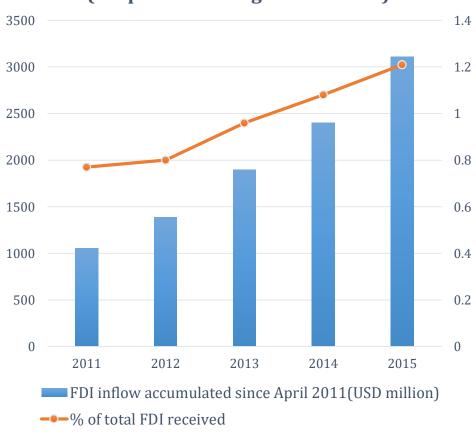
 Indian healthcare expenditure is still amongst the lowest globally and there are significant challenges to be addressed both in terms of accessibility of healthcare service and quality of patient care.



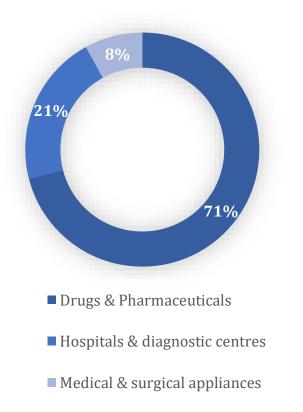




## FDI received by the Healthcare Sector (hospitals and diagnostic chains)



# FDI split amongst the various components of healthcare



100 % FDI is permitted for health and medical services under the automatic route.



राष्ट्रीय स्वास्थ्य मिशन

#### **National Health Mission**

(NHM) through its sub-mission's - the National Urban Health Mission (NUHM) and the National Rural Health Mission (NRHM) endeavors to provide effective and affordable healthcare to both the urban and rural citizens throughout the country and to improve the overall public health indicators, by focusing on infrastructure, quality, efficiency and responsiveness in the healthcare sector.

#### **Health Protection Scheme**

- New scheme which will provide health cover up to INR One Lakh per family, for poor and economically weaker families.
- For Senior Citizens package up to INR 30,000 will be provided.







## National Program for Healthcare of the Elderly

 To provide accessible, affordable, and highquality long-term, comprehensive and dedicated care services to an Ageing population

#### Pradhan Mantri Swasthya Suraksha Yojna (PMSSY)

- Improving regional imbalances in the availability of affordable/ reliable tertiary healthcare services
- Use of ICT in health sector
- Constructing new and upgrading several existing medical institutions in different states in the country





## e-health and m-health initiatives: Launched on World Health Day - 7th April 2016

- 'E-RaktKosh initiative.' It is an integrated Blood Bank Management Information System
- Mobile application 'India Fights Dengue': empowers the community members how to contribute towards prevention of Dengue
- Released the Guidelines for Dialysis Centre in a PPP Mode etc.

#### **Clean Street Food**

 20,000 roadside vendors to be skilled under Pradhan Mantri Kaushal Vikas Yojana (PMKVY) in the first phase

## Mission Indradhanush: full immunization drive

 Phase-3: 216 districts have been identified on the basis of estimates where full immunization coverage is less than 60 per cent and have high dropout rates.







#### **National Dialysis Services Programme**

- Funds will be made available through PPP Mode under the National Health Mission, to provide dialysis services in all district hospitals
- Exemption on certain parts of dialysis equipment from basic customs duty, excise/CVD and SAD

#### **Mental Health Policy**

Suicide prevention services, work place stress management, life skills training and counselling in schools and colleges

 15 Centres of Excellence in Mental Health and 35 PG training departments in mental health specialties to increase the PG training capacity in mental health

#### Jan Aushadhi Yojana

 3,000 stores will be opened during 2016-17 providing medicines at subsidized rates



## **Integrated Child Development Services** scheme

- The allotment of INR 16,120 crore toward the scheme, almost doubling the allotment made from the last budget of INR 8,000 crore
- Primary healthcare services for children under six years of age and their mothers







Janani Suraksha Yojana

Launched in 2005

Janani Shishu Suraksha Karyakram

Launched in 2011

Pradhan Mantri Surakshit Matritwa Yojana

Launched in 2016

The PMSMY is aimed at providing ante-natal care packages to around 3 crore pregnant women on the ninth of every month by a specialist.

Private practitioners will be roped in where enough doctors are not available in the government sector

Free health check-ups
were organised for
pregnant women in 14
states under the Pradhan
Mantri Surakshit
Matritwa Yojana
(PMSMY)

Program will run parallel to the Janani Suraksha Yojana (JSY) and Janani Shishu Suraksha Karyakram (JSSK)

# AYUSH (Ministry of Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homoeopathy)

& ducation





The Ministry of AYUSH was formed on 9th November 2014 to facilitate the with developing education, research and propagation of Ayurveda, Yoga and Naturopathy, Unani, Siddha, Homoeopathy and other alternative medicine systems.

**Objective** 

- Upgrade the educational **standards** of Indian Systems of Medicines and Homoeopathy colleges in the country
- 11 National institutions under AYUSH

Medicine & Drugs Homoeopathy drugs

- Strengthen the existing research institutions
- Central Council for Research are- 29 in Ayurveda, 6 in Siddha, **18** in Unani and **26** in Homoeopathy

· Promotion, cultivation regeneration of medicinal plants used in the systems

Evolve **Pharmacopoeial** standards for Indian Systems of Medicine and **AYUSH** 

## Opportunities in Healthcare

Healthcare

System





#### **Healthcare Drives the GDP Growth**

The Indian healthcare market is expected to grow to USD 280 billion by 2020, from the current market size of USD 100 billion at an Compound Annual Growth Rate (CAGR) of 23 %.

Investments

Conducive ecosystem

- Expenditure in health sector has been increasing in recent years. In 2015, Expenditure in Health sector is 4.7% of GDP
- National Programs to fasten investment have been proposed in recent years.

Stronger healthcare system will augment GDP growth via

**Employment** 

**Productivity** 

Exports

Entrepreneurship

India would require additional beds that would need an indicative investment of USD 25-30 billion

The Health sector would need a greater number of **healthcare practitioners and skilled workforce** 

Potential for enhancing labor productivity by **increasing their physical capacities** 

**Forex generator**: helping strengthen our position in the international market.

**Innovation & Entrepreneurship:** advent of alternate and innovative healthcare models

 $Source: IBEF-Deloitte\ Report,\ KPMG\ in\ India\ analysis,\ 2015$ 

## Opportunities in Healthcare





#### Healthcare Infrastructure

- Additional 1.8 million beds needed for India to achieve the target of 2 beds per 1,000 people by 2025
- Additional 1.54 million doctors required to meet the growing demand for healthcare
- Investment of USD 86 billion required to achieve these targets
- Diagnostic Services Path Labs
- Information and Communication Technology (ICT) Enabled Healthcare Services –
   Tele-Medicine

# Education and Research & Development

- Contract research is a fast growing segment in the Indian healthcare industry
- Cost of developing new drug is as low as 60% of the testing cost in the USA
- About 60% of global clinical trials is outsourced to developing countries

#### Health Insurance

- Less than 15% of the Indian population is covered through health insurance
- The total market size of the insurance sector in India was USD 66.4 billion in FY 13.
   It is projected to touch USD 350-400 billion by 2020.

## Opportunities in Healthcare

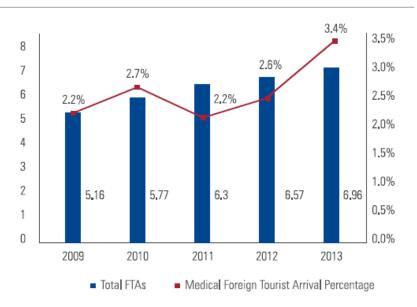




Medical Tourism

- Indian medical tourism industry is expected to register a CAGR of more than20% during 2013-2015
- Cost of surgery in India is nearly (1/10)<sup>th</sup> of the cost in developed countries

## Indian medical value travel – number of medical Foreign Tourist Arrivals (FTAs)



- SAARC countries such as Bangladesh, Pakistan, Afghanistan, Bhutan, Nepal, Maldives and Sri Lanka are major sources of medical tourists in India, owing to the physical vicinity and political co-operation agreements.
- India's traditional strength in yoga and ayurveda adds a distinct angle to the country's medical value travel proposition.
- Presence of healthcare facilities with international standards and highly skilled medical workforce has helped India in strengthening its spot in medical travel.

Source: India Tourism Statistics (2013), Ministry of Tourism, 2014, p50, KPMG in India analysis 2015

# Healthcare sector Gujarat Scenario

## Towards a Healthy Gujarat





## Gujarat has intensified its focus on public health services by directing efforts towards upgradation of medical services & provision of affordable treatment for the citizens

1	Strengthening, Revamping and Rationalizing of existing primary health structure & Creation of new facilities	
2	Deployment of HR (Doctors, Paramedics, ANMs, ASHAs)	
3	Ensuring Quality Healthcare Services (Assured package of service)	
4	Capacity building of stakeholders	
5	Convergence, partnerships (NGOs, Profit, not-for-profit)	
6	Use of technology for better service delivery, improved surveillance and monitoring	

## **Health Indicators**





Particulars	S	2001	Current level
Maternal Mortality Ratio(M) (Per lakh live births)	MR)	202 (SRS-1999-01)	112 (SRS 2011-13)
Infant Mortality Rate (IMR) (Per '000 live births)		60	35 (SRS 2014)
Under 5 Years -Mortality Ra (Per 1000 live births)	te	79	45 (SRS 2013)
Crude Birth Rate (CBR) (Per 1000 population)		24.9	20.6 (SRS 2014)
Crude Death Rate (CDR) (Per 1000 population)		7.8	6.2 (SRS 2014)
Total Fertility Rate (TFR)		2.9	2.3 (SRS 2013)
Life Expectancy at Birth (%)	Male	62.3 (1997-01)	66 (2009-13)
(70)	Female	64.2 (1997-01)	70.5(2009-13)

## Gujarat Public Health Infrastructure

## Gujarat Public Healthcare Infrastructure



- Grant in Aid Ayurveda Hospitals: 2
- Total Ayurveda Hospitals: 41
- Ayurvedic Dispensaries: 559

- Licensed Pharmacies: 500
- Homeopathy Hospitals: 18
- Homeopathy Dispensaries: 219

## Medical and Para Medical Colleges





#### **Medical**

#### **Total of 22 Institutions with 3480 Seats**

- 6 Government Colleges (1080 Seats)
- 7 Gujarat Medical Education & Research Society (GMERS) Medical Colleges (1050)
- 5 Private Colleges (650 Seats)
- 3 Municipal Corporation College (550 seats)
- 1 Deemed University (150 Seats)

#### **Dental**

#### **Total of 13 Institutions with 1240 Seats**

- 2 Government Colleges (200 Seats)
- 1 SGDHER (100 seats)
- 1 Municipal Corporation College (100 Seats)
- 8 Private Colleges (740 Seats)
- 1 Deemed University (100 Seats)

## Medical & Para Medical Colleges

#### **Nursing**

#### **Total of 41 Institutions with 2195 Seats**

8 Government Colleges (390 Seats)

33 Private Colleges (1805 Seats)

## **Physiotherapy**

#### **Total of 53 Institutions with 2750 Seats**

- 5 Government Colleges (360 Seats)
- 1 Municipal Corporation College (50 Seats)
- 46 Private Colleges (2310 Seats)
- 1 Deemed University (30 Seats)

# Para Medical Colleges & Indian System of Medicine & Homeopathy





## **Optometry**

4 Self Financed Institutions with a total of 125 Seats

## **Homeopathy**

18 Institutions with 1800 Seats
4 Grant-in-Aid Colleges (400 Seats)
14 Self Financed Colleges (1400
Seats)

Para Medical Colleges & ISM&H

#### **Orthotics & Prosthetics**

1 Government College with a total of 10 Seats

## **Ayurveda**

11 Institutions with 480 Seats
4 Government Colleges (240 Seats)
1 Grant-in-Aid Colleges (60 Seats)
5 Self Financed Colleges (340 Seats)
1 University Ayurveda College
(100 Seats)

## Gujarat Medical Service Corporation Limited (GMSCL)









## 'Procurement- Storage- Distribution Services'

- Rational Use of Drugs and Standard Treatment Guidelines
- Terms, conditions and Guidelines for Tendering Equipment and Drugs.
- Procurement of Drugs and Equipment; Storage and Quality assurance
- Procurement of Medical Instruments and Maintenance
- Diagnostics Centers and Services
- Provision of highly decentralized storage capacity & distribution network



## Reproductive & Child Health





## Gujarat marching from MDG to SDG

- Enhanced investment on infrastructure upgradation and capacity building
- Promoting innovative approaches including identification of High Priority Areas for accelerated interventions
- Strong monitoring and supportive supervision framework
- Public Private Partnership to garner support from private sector
- Partnership with various development partners such as UNICEF, WHO, UNDP and others

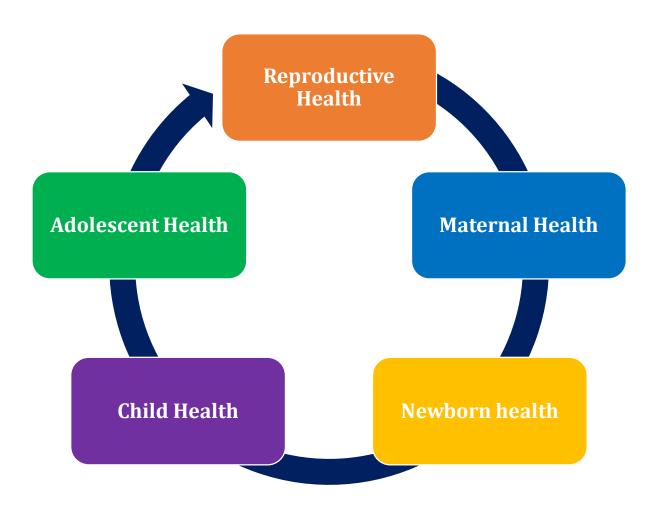


"In the 21<sup>st</sup> Century, no women should have to give her life to give life" Mr. Ban Ki-moon, Secretary General, United Nations

## Reproductive & Child Health







## Health Systems Strengthening

- Deployment of HR at all levels
- Ambulance, drugs, diagnostics, reproductive health commodities
- Supportive supervision

## **Cross-cutting** interventions

- Reduce out of pocket expenses (Free entitlements)
- Focus on un-served and under-served areas

## Reproductive & Child Health

- Gujarat is likely to achieve MDG and SDG for Maternal Health by 2020
- Improved institutional delivery
- Promoting innovative approaches including identification of High Priority Areas for accelerated interventions

 Strong monitoring and supportive supervision framework



First Referral Units (103)

**Functional Delivery Points** 

(>500 facilities)

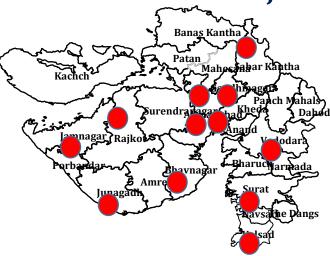
**Antenatal Care Services** 

(> 9000 outreach centres)





## **Obstetric ICUs in Gujarat**





Obstetric ICU in Vadodara

Referral Services

**Health System model for MCH in Gujarat** 

## School Health Check-up Programme Rashtriya Bal Swasthya Karyakram (RBSK)





#### **Services Bouquet:**

- Health Screening and Medical check-up based on 4D's:
  - Defects at Birth
  - Diseases
  - Deficiencies
  - Disabilities
- Primary care on spot
- Secondary and Tertiary care through referral services
- Super-Specialty treatment for Heart, Kidney and Cancer Disease including Renal Transplant, Liver Transplant, Bone Marrow Transplant & Cochlear Implant
- Health and Life-Skills education

Free 'Comprehensive Care' for the Health & Well being of all children of Gujarat

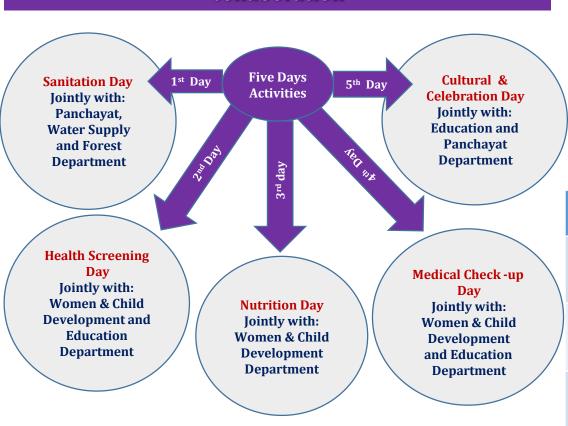


## School Health Check-up Programme Rashtriya Bal Swasthya Karyakram (RBSK) COVERNMENT DE GALLARAT





#### SHP to School Health Week: A Flagship Programme through inter-departmental collaboration



#### **Outcomes 2015-16**

- **Children Examined :- 1,55,14,236** (> 15.5 million)
- On the Spot treatment: 13,95,138
- Referral Services: 1,11,099

Super specialist care				
Heart :- 6257	Kidney Transplant:- 25			
Kidney:- 1558	Liver Transplant:-5			
<b>Cancer:- 1052</b>	Cochlear Implant :- 582			

## School Health Check-up Programme Rashtriya Bal Swasthya Karyakram (RBSK)





## **Cochlear Implant**

- Cochlear Implant treatment of Congenital Deafness is provided free of cost to all Children under the School health program.
- Total cost of the treatment is around Rs. 6 to 7 lakh that is borne by Govt of Gujarat.
- Almost 600 Children have benefited till date.



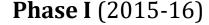
## "Cleft lip / Palate & Club foot free Gujarat"

- Cleft lip / Palate & Club foot treatment is provided free of cost to all Children under the School health program.
- ✓ 1530 children diagnosed for cleft lip / palate and 1424 operated
- ✓ 1254 children diagnosed for Club foot and 1024 operated





## Kuposhan Mukt Gujarat



Launched on 23rd May, 2015

43 lakh children of all Anganwadi centers of Gujarat were screened



1.47 lakh children identified as severely acute malnourished (SAM) children in Phase I



20,080 SAM children were treated at 326 Child Malnutrition Treatment Center (CMTC)/ Nutrition Rehabilitation Center (NRC) located at nearby health facility





## **Phase II** (2016-17)

Launched on 28th May, 2016

60 lakh children
of all Anganwadi centers of Gujarat
are going to be screened



41,012 children identified as severely acute malnourished (SAM) children upto 24-7-2016



3,915 SAM children were referred at 326
CMTC/NRC located at nearby health facility.
8,000 SAM children of 13 districts are treated with
"Bal Amrutam"

## National Public Health Program







## Revised National T.B. Control Programme (RNTCP):

- The treatment success rate 91% among new TB cases and 78% among retreatment TB cases.
- Among MDR confirmed cases, 91% MDR TB put on treatment. The death rate was consistently less than 5% during this period.



#### **National Vector Borne Diseases Control Programme:**

- Annual Parasitic Index: 0.64 in 2015, lowest in the history of state.
- 33 Dengue detection Centers across the state.



#### **National Leprosy Eradication Programme:**

■ In the year 2015-16 prevalence rate was 0.98 per 10000 population and 6447 patients are under treatment.



#### **National Blindness Control Programme:**

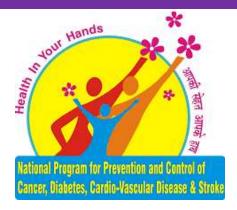
- First in India for Free spectacle distribution to school going children.
- In the year 2015-16, 795475 (Double against target) cataract operations were done.
- State prevalence rate of Blindness is 0.73%. (National Prevalence 1%.)

## Non-Communicable Diseases





#### **NPCDCS**



## National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke.

- Out of 33, 19 districts covered under this programme.
- Total 28.22 Lakh People has been screened for Diabetes & Hyper Tension last year.
- NCD Clinics established at 19 District Hospitals and 68 Community Health Centre.
- Total 12.47 lakh patients have given services.

## **Diabetes Screening Abhiyan**



## Early Diagnosis through screening and Treatment and Prevention of Complication due to Diabetes

- Diabetes Screening Services is provided free of Cost
- All the pregnant women screened for Gestational Diabetes
- More then 10,000 Diabetes Centers has been started where,
- ~ 6.3 million people have been screened, of which ~6% suspected cases detected

## Non-Communicable Diseases





## **National Mental Health Programme**



- Total 4,46,918 patients treated for Mental Health
- District Mental Health Programme implemented in 20 districts
- All Psychotropic drugs made available at public health facilities.
- 1289- Destitute mentally ill patients wandering on road have been reunited with their family

## National Programme for Healthcare of the Elderly (NPHCE)



- Total 10 District covered
- 206 Geriatric OPD have been established
- 5 Districts have Geriatric Indoor Ward facilities
- 1.20 lakh elderly Patient attended OPD & 8196 admitted
- 15013 provided Home Based Care Services

# Oral Health Screening & Breast and Cervical Cancer Screening Program





## Oral Health Screening Program

To create Awareness about oral hygiene and treatment of ailments related to oral Health.



## Breast and Cervical Cancer Screening Program

Early detection and timely treatment for breast and cervical cancer in women aged between 30 to 59 years

- Education for self examination of the Breast
- Health education & Screening for Breast and Cervical Cancer by the Health workers.
- Diagnosed cases of both cancers can avail treatment benefit through "MA" & "MA Vatsalya" Yojana.
- Diagnosed & Treated (till July 2016):
  - > 942 cases of breast cancer
  - > 379 cases of cervical cancer

## Super Specialty Hospital – Heart

U N Mehta Institute of Cardiology & Research Centre (UNMICRC)









- Promoted by the Government of Gujarat as a public trust, emergency related tertiary care cardiac treatment is rendered to all classes of cardiac patients particularly the poorest
- The Institute has:
  - √ 450 bed strength capacity
  - ✓ 5 cardiac OTs (which includes one Paediatric cardiac OT)
  - ✓ 4 Cardiac Cath labs (which includes one Hybrid Cath Lab with Cardiac OT)
  - √ 110 bedded ICCU



# Super Specialty Hospital – Kidney Institute of Kidney Diseases and Research Centre









- Institute of Kidney Diseases and Research Centre is one of the largest institutes in the world, based on three pillars of service, education and research
- The main philosophy behind the establishment of this institute has been to bring the modern medical care to patients with limited or no financial resources



Post Liver transplant Care unit

## Super Specialty Hospital – Cancer The Gujarat Cancer & Research Institute





- Gujarat Cancer & Research Institute (GCRI), is a functional autonomous body jointly managed by Government of Gujarat and Gujarat Cancer Society
- It is also a Regional Cancer Centre of Government of India and gets assistance under National Cancer Control Programme.
- The 650 bedded GCRI is the largest and one of the finest cancer hospital in India with union of best oncologists' team with world class facilities for cancer diagnosis and treatment
- GCRI has specialties in surgical oncology, medical oncology, radiation oncology, preventive oncology, pediatric oncology, neuro- oncology, gynec-oncology, radiodiagnosis and nuclear medicine, pathology and microbiology





## Sickle Cell Anemia Control Program





>50% of the world Sickle Gene Carriers in India

20% of Sickle Disease Children die by the age of two

30% of Sickle Disease Children among the tribal community die before they reach adulthood



SCA seen in all 14 tribal districts – all covered under Sickle Cell Anemia Control Program

**Tribal Population is the target group** 

But any person suffering from Sickle Cell Anemia is main beneficiary

#### **Components of the Program**

Prevention

#### • Early Diagnosis through:

- •New Born Screening
- Prenatal Diagnosis
- Antenatal Screening
- Adolescent Screening
- Mass Screening on mi mode

Early Diagnosis • Prevention through:

- Marriage Counseling
- $\bullet \, Genetic \, Counseling$
- •Building Community
- Awareness

#### •Regular Training

- Doctors and Paramedical staff
- Health care providers & ASHA

•VHSNC members & Teachers

Regular Crisi Training Manage

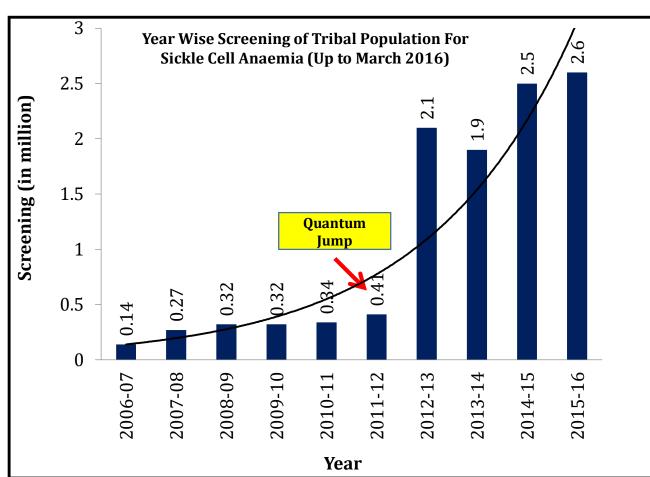
## Crisis Management

- Supportive & Referral Treatment
- Regular follow up and counseling
- Pneumococcal vaccination

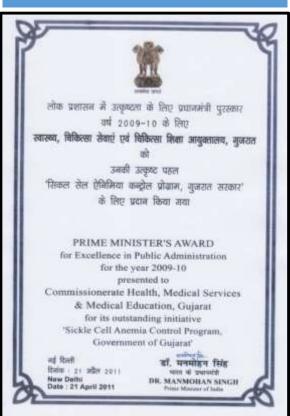
## Sickle Cell Anemia Control Program







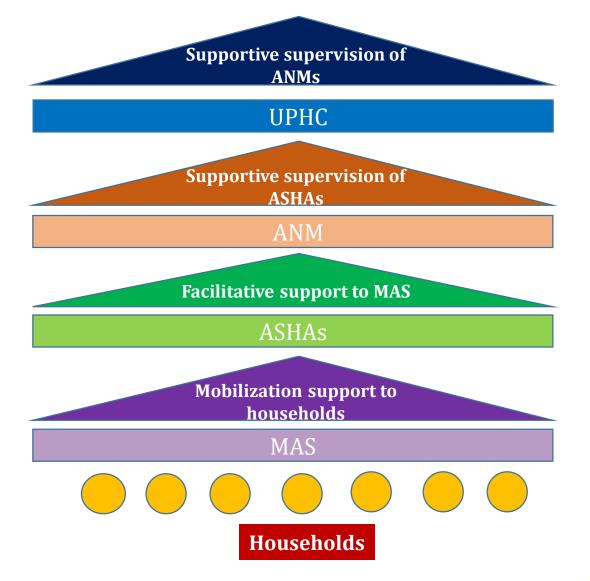
## Recipient of Prime Minister's Award for Excellence in Public Administration



#### More than 9.2 million tribal screened:

- 7,29,561 sickle cell trait
- 29584 as sickle cell disease detected

## Towards a Healthy Urban Gujarat Community Processes Structure







To provide quality health care services to the urban population (especially urban poor and vulnerable population) with the active involvement of ULB.

State population

6,04,39,692

**Urban Population** 

2,57,45,083 (~43%)

Population covered under NUHM 2,19.01,592

# Mukhyamantri Amrutum (MA) & MA Vatsalya Yojana





#### Cashless Hospitalization

benefit of

Rs. 200,000 (USD 3333) per

Family (5)

per annum

100% State funded Scheme

#### Mukhyamantri Amrutum

Provides tertiary care treatment for catastrophic diseases to all BPL families

## Mukhyamantri Amrutum मुण्यमंत्री अमृतम An initative of Health and Family Welfare Department

#### MA Vatsalya Yojana

All families having annual income upto
Rs. 1.20 lacs (USD 2000)

Current Status of the Scheme in the
Private/ Government
Empanelled
Hospital

More than
36.84 lakh
(>3.6 million)
families
Enrolled

2.71 lakh Claims

amounting to **Rs. 412.30 crore**have
been applied till
July 2016

Hospitals
(68 Private +
19 Govt./ GIA +)
30 standalone
Dialysis centers

Pre-existing
Diseases
covered +
transport
allowance
Rs. 300 per visit

acs (USD 2000)

### Fostering Partnerships: Innovative PPP model





#### **108: A PPP Initiative with GVK-EMRI**



- Existing Fleet of: 585 Ambulances
- Total Emergencies Attended: 66,31,290
- Pregnancy Related Cases: 22,89,080
- Deliveries in Ambulance & at Scene: 65,164
- Response time:

Urban areas: 10.48 minutes

Rural areas: 19.55 minutes

#### **KHILKHILAT: Drop Back Services**



A Free drop back facility service for deliveries in Government Health facility

- Total 258 vehicles are available in this program
- 13,76,565 Mothers & Children were safely dropped back to home free of cost.

Note: All figures till 30<sup>th</sup> June, 2016

### Fostering Partnerships: Innovative PPP model





#### Chiranjeevi Yojna



- PPP between Government of Gujarat and Private Gynecologists/Trust Hospitals for providing normal delivery, emergency obstetric care and neonatal care through cash less System
- Below Poverty line family and non-income tax paying Tribals
- Total 432 doctors are registered for providing services
- In the year 2015-16, total 93,775 people were treated

#### Bal Sakha Yojna



- PPP between Government of Gujarat and Private pediatricians to provide facilities for proper check up of newborns of below middle class.
- Main aim of the scheme is to bring down the Infant Mortality Rate (IMR).
- 187 doctors are registered for providing services to newborn under the scheme
- In the year 2015-16, 59,624 newborn children were treated

## **Quality Initiatives:**

#### Providing Quality Healthcare Facilities and Services

- Gujarat is the first state in India to have NABH & NABL accreditation process
- 110 Healthcare facilities are NQAS accredited and 37 Healthcare facilities are NABH / NABL accredited
- The General Hospital, Gandhinagar attached with GMERS Medical College, Gandhinagar is the 1<sup>st</sup> NABH accredited public hospital
- Implementation of Kaizen & 5 S in all healthcare facilities.
- Capacity Building 14583 participants were trained in Quality Improvement Programme







India's 1st NABH Accredited CHC Bardoli

## Information and Communication Technology (ICT) Enabled Services for HEALTH CARE











# Mukhyamantri Amrutum મુખ્યમંત્રી અમૃતમ























## Medical Tourism in Gujarat





Zero waiting periods for all patient either requiring emergency treatment or otherwise (1/10)th - (1/20)th of the costs involved for medical treatment in USA or UK. Knowledge of English is an additional advantage

Good roads and infrastructure compared to other states of India. Well connected with the base metros like Delhi and Mumbai

Key facilitators for Advantage Gujarat

Large percentage of Non Resident Gujaratis (NRG) among Non Resident Indians (NRI) Gujarati doctors
participating in world
medical conferences
which helps them to
know latest
developments in the
medical field

# The following factors can further boost medical tourism:

- Assisted healthcare institutions such as day care centres
- Support services such as nursing associations
- Linkages with infrastructure facilities for transportation of patients from airports and railway stations
- Linkages with organizations/ NGOs, etc., in overseas countries to acquire knowledge and leverage opportunities

## Glimpse of Successfully Commissioned Projects under Vibrant Gujarat Summits







VG 2007: Indian Institute of Public Health, (PHFI) Gandhinagar Investment: Rs. 150 crore



VG 2009 : GCS Medical College Hospital & Research Centre, Ahmedabad Investment : Rs. 122 crore



VG 2009 : Narayana Multispecialty Hospital, Ahmedabad. Investment : Rs. 114 crore



VG 2009 : CIMS Hospital, Ahmedabad Investment : Rs. 105 crore

## Glimpse of Successfully Commissioned Projects under Vibrant Gujarat Summits







VG 2009 : Zydus Hospital, Ahmedabad Investment : Rs. 100 crore



VG 2011 : Charusat Hospital, Healthcare & Research Foundation, Changa, Investment : Rs. 30 crore



VG 2009 : Gujarat Adani Institute of Medical Sciences, Bhuj. Investment : Rs. 70 crore



VG 2011 : Bankers Cardiology Pvt Ltd, Vadodara, Investment : Rs. 10.5 crore

## Glimpse of Successfully Commissioned Projects under Vibrant Gujarat Summits







VG 2013 : Tristar Life Sciences Pvt. Ltd., Surat Investment : Rs. 65 crore



VG 2015 : IRIS Hospital, Anand Investment : Rs. 20 crore



VG 2013 : HCG Cancer Care Hospital, Vadodara Investment : Rs. 50 crore



VG 2015 : SAACHI Hospital, Surat Investment : Rs. 15 crore

### Private Hospital Players in Gujarat







Care with compassion..









































## **Investment Opportunities**







#### FOR ADDITIONAL INFORMATION CONNECT US @

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## **THANK YOU**

#### **Disclaimer:**

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