



# MEDICAL CARE CENTRE TRUST

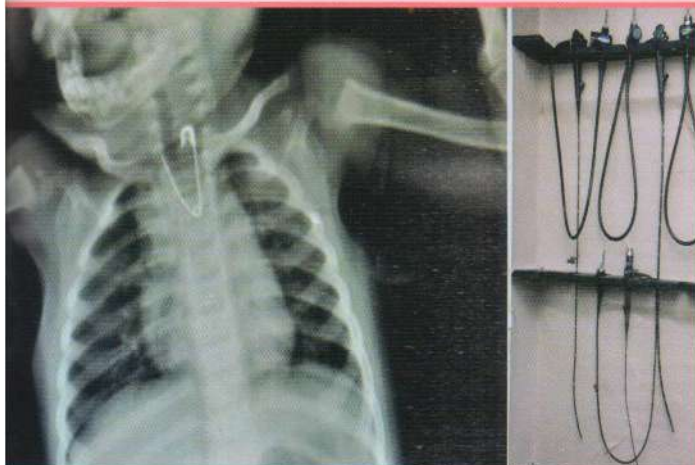
Karelibaug, Vadodara - 390 018.



Smt. Ilaben and Dr. Arvind Shah Hemo Dialysis Unit



Celebration by Little Brave Pediatric Cancer Survivors.



Divyanshi Sanghvi Gastroenterology Clinic



Video EEG in Pediatric Neurology Intensive Care Unit  
Courtesy : Manjula Shah in Memory of Dr. Shirish N. Shah and  
Mrs. Kalpnaben in Memory of Dr. Kailesh Bhandari.

## ANNUAL REPORT 2021



## TRUSTEES

1	Shri Surendra Joshi	President	10	Dr. Hiren Bhatt	Member
2	Smt. Nila Shah	Vice-President	11	Smt. Aruna Lakhani	Member
3	Dr. Jagdish Patel	Hon. Secretary	12	Smt. Nayna Zaveri	Member
4	Dr. Hitesh Desai	Hon. Jt. Secretary	13	Dr. Falguni Naregal	Member
5	Dr. Ranjana Shah	Treasurer	14	Dr. Suresh Amin	Member
6	Shri Mahendrakumar Patel	Member	15	Dr. Daksha Shah	Member
7	Shri Sheetal Mehta	Member	16	Shri Kamlesh Ghadge	Member
8	Shri Nimish Patel	Member	17	Shri Mitesh Chauhan	Member
9	Shri Bipin Chemburkar	Member			

## MEDICAL ACTIVITIES

- Children's Hospital
- Pediatric Intensive Care Unit
- Neonatal Intensive Care Unit
- Preterm Baby Care Unit
- Pediatric Cancer Department
- Pediatric Neurology Intensive Care Unit
- Respiratory Ward
- Pediatric Dialysis Unit
- Women's Hospital for Obstetrics and Gynaecology.
- Family Welfare Centre
- Mental Health Clinic
- Workshop for Aids & Appliances for the disabled
- Blood Centre - Regional Blood Transfusion Centre
- Eye Bank; Children's Eye Clinic and Eye Hospital
- Speciality Paediatric Clinics :  
Cardiology / Epilepsy / Nephrology / Audio /  
Hematology / Endocrinology / Gastroenterology
- Imaging Centre / CT Scan
- Cleft lip and palate restoration under  
Smile Train Project
- Mother's Milk Bank
- Medical Research
- Laboratory

## EDUCATIONAL ACTIVITIES

- Training center for Medical Graduates in Pediatric Medicine for Post Graduate Diplomate of National Board of Examinations in Medical Sciences, New Delhi.
- Professor Sanat Shah Department of Clinical Research.
- Training center for Undergraduate & Postgraduate Medical & Paramedical Students.
- Fellowship in Pediatric Anesthesia approved by Indian Association of Pediatric Anaesthesiologists.
- University approved Certificate Course in Pediatric Physiotherapy.
- Online Training Course with one day contact Interpretation and Application of Developmental Assessment of Indian Infants (DASII) & Baroda Developmental Screening Test (BDST) for Pediatricians, Family Physicians and as an introductory training for those who intend to become testers (graduates in Child Development, Psychology, Physiotherapy) with one day contact for Clinicians / Doctors & 3 days contact other testers.
- Hospital Assistant and Technician Certificate Course of Technical Education Board Government of Gujarat.
- Special School for Mentally Challenged Children.

### PAST PRESIDENT

Smt. Aruna Sanat Mehta

### PAST SECRETARIES

Dr. Bhaskar Vyas  
Shri Dinshaw Desai  
Smt. Nila Shah

**Dr. Jagdish Patel**  
Hon. Secretary

**Dr. Hitesh Desai**  
Hon. Jt. Secretary

Dear Friends,

Around the world Indians are celebrating 75 years of independence. Generation that has not seen freedom struggle closely- and that sadly makes majority- does not understand what freedom means and how is life where you have no freedom to choose but the State makes and enforces choices on you. We enjoy freedom that has been achieved as a result of martyrdom of thousands of brave Indians. Let us cherish that freedom and act responsibly to preserve it for generations to enjoy.

We have a reason to celebrate second freedom. Freedom from the pandemic restrictions. Pandemic that disrupted normal life throughout the years 2020 and 2021. Covid-19 restrictions have been lifted and people are gathering in large numbers at any flimsy excuse. We wait and see how covid-19 virus behaves and what is in future for this kind of behavior.

Two years of pandemic of Covid-19 proved very dreadful as it killed people like third world war and lead to short term and long term illnesses. It disrupted all economic activity. Medical Care Centre Trust has braved the storm and has come out of its devastating problems.

Practice of medicine keeps changing. Now, we have super specialists in all branches of pediatric practice. At this hospital we encourage super specialists by providing all technological support and give trained staff to assist them. There is distinct advantage in care patient receives and morbidity and mortality is reduced. There is advantage to post graduates. They are taught by super specialists who guide them and help them with their thesis; presentations; publications etc.

We encourage all people who work at Medical Care Centre Trust to follow and assimilate in their behavior six guiding principles of Medical Care Centre Trust; which are as follows:

Following are the six principles:

1. Sick and poor child is at the focus of all our activities. This is the main aim of the Trust.

2. Patient first. All decisions are taken keeping the interest of the patient in mind.
3. Excellence. All that we do has to be excellent as far as possible.
4. Integrity. In spite of adverse circumstances we will do what is ethically, morally and legally correct.
5. Learn more. We encourage doctors, technicians, nurses and all staff members to keep learning.
6. Help one another and cooperate in all activities as they are for the benefit of the patients whom we serve.

Millions of people round the world serve in small ways by educating one student; by feeding one hungry person by supporting treatment of one poor and sick child they are watering seed of compassion. They all are part of same nature that surrounds us; nature serves without expecting anything in return. Sun gives light, warmth and life to all living things without expecting anything in return. Trees give us shade, oxygen and food. There is abundant water for free to sustain life. To serve is being part of nature.

Those who serve are never lonely.

Medical Care Centre Trust is ever grateful to Health Officers of Govt. of India, Health Department of Gujarat State, Health Office of Vadodara Municipal Corporation and donors who have helped us in various ways during the year 2021.



**Associated Power Structures Pvt. Ltd.**  
supports our Pediatric Cancer patients  
and Shri Jalaram Blood Centre



## Kashiben Gordhandas Patel Children Hospital

Poor & sick child is at the focus of our activity.

We have served more than 2.5 million children since inception of the institution in 1984.

We provide a spectrum of quality medical services ranging from primary to tertiary medical care and pediatric super speciality services at affordable cost and totally free to poor patients.

Our I.C.U.s are equipped with multipara monitors ETCO<sub>2</sub> monitors and Ventilators including High

Frequency Oscillating Ventilators along with all supplementary equipments.

We have a team of trained doctors and nursing staff for 24/7 monitoring & services.

In times of COVID crisis we provided services of vaccination, pediatric COVID ward for children and adult COVID ward as per the guidelines of the government.

## Kashiben Gordhandas Patel Children Hospital Surajben Gordhanbhai Patel Women's Hospital

	2017	2018	2019	2020	2021
A] Total Outdoor Cases Including Emergency Cases	111326	100286	102605	68216	65705
B] Daily Average Attendance in O.P.D.	305	275	281	186	171
C] Total No. of Admissions	8726	8212	8680	6132	6535
D] Daily Average Admissions	24	22	24	17	18
E] Daily Average Indoor Occupancy	109	104	111	93	81
F] Operations	2525	2383	2569	1946	2628

### Outstanding Research

The thesis on Red Cell Distribution Width (RDW) as an independent marker for outcome in critically ill children and its comparison with pediatric mortality score received certificate of commendation by National Board of Examinations.

## Child Life Child Development Program

Our Child Life Child Development program began in 2011. It was introduced by Dr. Priti Desai who is Associate Professor, Department of Human Development and Family Sciences, East Carolina University, USA.

Child Life and Child Development Programme (CLCD

Program) at KGPCH is striving to become an integral part of the hospital providing services for psychosocial wellbeing of children in healthcare settings by providing the 4 Ps: Play, Psychological preparation for medical procedures, Pain management and Parent & family support and guidance.



Various festivals were celebrated so that the admitted children do not miss the fun.



Interactive Workshop on Child Life & Child Development Programme with Nurses was conducted on 06/10/2021.

## Pediatric Intensive Care Unit Supported by Lion's Club of Fertilizernagar and United Way of Baroda

### The Garba Girl who defeated Guillain-Barré syndrome (G.B.S.)

10 years old girl, full of zeal went for Garba night, enjoyed and slept well. Next morning she suddenly developed weakness in lower limb with difficulty in swallowing and she was not able to walk. She was admitted at private hospital and referred to K.G. Patel Children Hospital on 15/10/2021.

She was diagnosed with Gullian Barr'e Syndrome (GBS) (acute ascending infective polyneuritis) with very rapid progression. She was intubated and kept on ventilator. She was also treated by plasmapheresis.

Plasmapheresis works by ridding plasma of antibodies that contribute to the immune system's attack on peripheral nerves. It shortens the time for motor recovery.

After one month of optimal multidisciplinary care, she was gradually weaned away from ventilation and shifted to ward and got discharged from K.G. Patel Children Hospital on 11th December, 2021.



## Varun Mahajan Apang Shishu Kendra & Mental Health Clinic

NAME OF DEPARTMENT	2017	2018	2019	2020	2021
Attendance at Mental Health Clinic	24771	24503	25652	15638	25455
Play Therapy	3837	3766	3953	1696	3210
Speech Therapy	2758	1986	1811	851	713
Physiotherapy	16690	16543	16686	8709	8715
Occupational Therapy	7442	3598	3961	2025	4416
Sensory Integration	4001	3628	4321	1908	4031
I.Q. & Psychological Testing	429	482	535	246	327
Developmental Assessment Scales for Indian Infants (DASII)	223	186	204	115	194
Early stimulation	2469	2408	3099	2145	2417
Pediatrician Assessment	1514	2015	2567	1220	2097
BERA Testing	179	186	333	209	305
Audiometry	36	50	54	21	47
Oto Acoustic Emission	24	128	116	16	22
EEG	582	757	1017	692	738
Assessment by Pediatric Neurology	1355	1598	1804	1096	1303
Assessment by Psychiatrist	204	173	186	108	134

Hands on Workshop on Cerebral Palsy and movement disorders of Godhra Physiotherapy college final year students on 13/08/2021. Resource Person: Dr. Meeta Saxena.

World Mental Health Day Celebration.

Participation in programs organized by District Social Defence Officer.

1.	30/07/2021	Seva Setu	Mota Phofadiya, Tal. Sinor
2.	18/11/2021	Atma Nirbhar Bharat	Matheli, Tal. Waghodiya,
3.	10/12/2021	Seva Setu	Rustampura, Tal. Waghodiya
4.	16/01/2021	Seva Setu	Waghodiya
5.	24/12/2021	Seva Setu	Goraj
6.	25/02/2022	Garib Kalyan Mela	Waghodiya

850 - Niramaya Scheme beneficiaries registered (Govt. of India)

85 - Arthik Pension Sahay beneficiary registered (Govt. of Gujarat)

## Shantaben And Chandubhai Rambhai Patel Imaging Centre CT Scan, X-ray, Sonography & Echocardiographies

	2017	2018	2019	2020	2021
No. of Sonography Investigations	3211	3368	3496	3272	3034
Radiological Investigations	6235	5902	6686	5633	5055
Echocardiographies	1026	1043	1195	1115	945
CT Scan	311	303	355	303	763

## Department of Orthotics & Prosthetic

The department of Orthotics & Prosthetics has journeyed for the past 38 years helping 1,16,946 beneficiaries & provided 1,31,176 appliances (Orthotics & Prosthetics). The pandemic of COVID 19 has given a setback to patient flow and services, although the Medical Care Centre Trust is always committed to helping the society with rehabilitation and anti COVID protocols to repair & maintain O&P appliances for all the needy. The HOD Dr. Veerendra Shandilya has been on an overseas project with the University of Cincinnati & Cincinnati Children's Hospital with his US license as Orthotics & Prosthetics, this brings equivalency with international faculties to our country & Dr. Keyur Mehta who has been working with

him for the past 12 years, has been attending all clinical and technical work. The team has proudly patented their work for Low-cost prosthetic Knee joints which were designed and developed at the Department of O & P at the K. G. Patel Children Hospital.

The team is further working on a design patent for the OA knee Brace and Dynamic Clubfeet Brace.

## Karishma Special School

Karishma is a day care school looking after 30 special children and training them for Activities of Daily Life. We receive financial assistance from Ministry of Social Justice & Empowerment, New Delhi.

Our Ms. Surekhaben - Sr. Administrator & Mr. Mitesh - Coordinator, presented PPT for DDRS & Karishma School at Gandhinagar.



Gratitude expressed by satisfied parents of a patient



## "THE HISTORY"

- 1983 Nursing School
- 1984 Kashiben Gordhandas Patel Children Hospital and Jajodia Research Institute  
(Recognised by Government of Gujarat)
- 1984 Sevanidhi Medical Store
- 1985 Mental Health Clinic (Recognised by Government of Gujarat)
- 1986 Varun Mahajan Apang Shishu Kendra
- 1986 M.S. University recognition as an institution for internship training for medical graduates
- 1986 Shri Jalaram Blood Bank, Eye Bank and Skin Bank inaugurated
- 1987 Anganwadi activity undertaken : 20 Anganwadis started
- 1989 National Board of Examinations recognizes the institute for training of Postgraduates in Pediatric medicine
- 1990 Surajben Gordhanbhai Patel Women's Hospital inaugurated
- 1991 Postgraduate Course in Pediatric Surgery recognized by National Board of Examination
- 1991 Lions Club International participates through Lions Club of Fertilizernagar in LCIF Intensive Care Unit
- 1992 Gordhanbhai Hathibhai Patel School of Nursing inaugurated
- 1992 Laboratory Technician's Course started
- 1993 Special teachers training course for Mentally Challenged Children  
(Recognised by National Institute for Mentally Handicapped, Secunderabad)
- 1996 C.M.L.T. Course (Certificate Course in Medical Laboratory Technology)  
Technical Education Board Government of Gujarat
- 1996 Development Assessment Scales Baroda Norms introduced for Indian Infants in Mental Health Clinic
- 1997 Elmex Eye Bank & Shri Bhaichand M. Mehta Corneal Transplant Centre
- 1998 "Karishma" School for Mentally Handicapped Children started
- 1999 Inauguration of Speciality Clinics: Cardiology / Epilepsy / Nephrology / Hematology
- 2000 Mother's Milk Bank Inaugurated
- 2001 Smile Train Project - Smile Train, Inc., New York (Not for profit Corporation)  
joins as a partner in Cleft lip & palate surgeries
- 2004 Inauguration of High Risk Pregnancy Centre; Inauguration of Mammography Unit
- 2004 Shri Jalaram Blood Bank approved as a Regional Blood Transfusion Centre  
by Gujarat State Council for Blood Transfusion
- 2005 Inauguration of United Way of Baroda Children Eye Clinic
- 2007 Inauguration of Smt. Sushilaben Mehta Eye Hospital
- 2008 Preterm Baby care Unit
- 2008 Hospital Assistant & Technician Certificate Course of Technical Education Board Government of Gujarat.
- 2010 I.V.F. Unit
- 2011 Child Life and Child Development Project, BERA Unit, Digital X-Ray Machine were inaugurated.
- 2012 United Way of Baroda PICU Inaugurated. Pediatric Colour Doppler, HFOV, EEG services made available.
- 2013 Free Ward, Chemotherapy Ward, Major Blood Bank status.
- 2014 Pediatric Endocrine Clinic.
- 2015 CT Scan Facility, Up-gradation of Varun Mahajan Apang Shishu Kendra / Mental Health Clinic.
- 2016 Nitin Shah Surgical Department, Divyanshi Sanghvi Pediatric Gastroenterology Clinic, Renovation of OPD  
by donation from the Late Manglaba Ramjibhai Maganbhai Parbidia.
- 2017 Oxygen Plant, Solar Panels, Ambulance, Bal Sakha Yojana, Laser Equipment for ROP, TACE II+ and Dental X-Ray.
- 2018 Ventilators for upgradation of NICU & PICU under GETCO's CSR.
- 2019 Upgradation of PICU (UWB) donation, Renovation & Upgradation of OT (Panasonic Energy India Co. &  
Farmson Pharmaceuticals Guj. Pvt. Ltd.), Solar Panels & Ultrasound System equipment  
(Narayan Powertech Pvt. Ltd.)
- 2020 Prof. Sanat Shah Department of Clinical Research, New Website, Pediatric Neurology Intensive Care Unit,  
Divyanshi Jayant Sanghvi Rotary Respiratory Ward, Kantaben C. K. Mehta Maternity Ward, Ilaben and  
Dr. Arvind Shah Hemodialysis Unit.



# MEDICAL CARE CENTRE TRUST

Kashiben Gordhandas Patel Children Hospital  
Jajodia Research Institute  
United Way of Baroda Sponsored  
Preterm Baby Care Unit  
Pediatric Intensive Care Unit  
Neonatal Intensive Care Unit  
and  
United Way of Baroda Children Eye Clinic  
Lions Club International Foundation Pediatric I.C.U.  
Muljibhai V. Patel Neonatal I.C.U.  
Surajben Gordhanbhai Patel Women's Hospital  
Varun Mahajan Apang Sishu Kendra  
Nitin Shah Surgical Department  
Pediatric Cancer Department  
Shri Upendrabhai Patel and United Way of Baroda Audiometry Unit  
Shri Jalaram Blood Centre  
Sushilaben Mehta Eye Hospital  
Elmex Eye Bank  
Shri Bhaichand M. Mehta Corneal Transplant Centre  
Karishma - A School for Special Children  
Rasikbhai Dahyabhai Sheth Hematology Clinic  
R. C. Shah Pediatric Cardiology Clinic  
Smt. Nitidaben and Shri Bhaskarbhai Vin Nephrology Clinic  
Sharadchandra Vithalbhai Zaverbhai Epilepsy Clinic  
Shri Narsinhbhai Paragbhai Patel Endocrine Clinic  
Smt. Shushilaben Jashvantlal Shah Clinical Laboratory  
Shantaben and Chandubhai R. Patel Imaging Centre  
Kapilaben Ramanbhai Patel Mammography Unit  
Deepak Academy of Medical Laboratory Technology  
Gordhanbhai Hathibhai Patel Paramedical School  
Divyanshi Sanghvi Gastroenterology Clinic  
Divyanshi Jayant Sanghvi Rotary Respiratory Ward  
Prof. Sanat Shah Department of Clinical Research  
Kantaben C. K. Mehta Maternity Ward  
Smt. Ilaben and Dr. Arvind Shah Hemodialysis Unit.

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