

EDITION
2018



Leading To A **DEAFNESS-MUKT** FUTURE



TARA FOUNDATION

EMPOWERING THE DIFFERENTLY ABLED

Tara Foundation is registered under the Bombay Public Trust Act 1950:E/2365/Gandhinagar

WORDS OF OUR PATRON

In Gujarat, where every year 1000 children are born with hearing disabilities, Tara Foundation is doing a commendable job addressing an issue that went unnoticed in the society until now. Children across Gujarat do not receive medical treatment on time due to lack of awareness, hence their future is put at stake. Tara Foundation is growing at a quick pace. I am confident that in 8 Years down the line, we would have a deafness free society in the state. They have the support from me and I wish them all the success in achieving their mission.



Mr. Prakash Sanghavi
Managing Director of Ratnamani
Metals & Tubes Limited

TARA EDUCATION FOR CHILDREN WITH HEARING IMPAIRMENT

Tara Foundation was established in 2016 with an objective of "Deafness Free Society". Tara is a registered & recognized NGO exempted U/s 80G.

VISION

"Deafness Free Society". Eradication of **Hearing impairment** from the society, the second most common disability in society.

MISSION

Educate, Protect, Heal and Help to cure hearing-impaired children.

Foundation endeavors to **spread social awareness** to inculcate the need for **mandatory check-up of hearing status** of a child & importance of early identification, focusing primarily in Rural and Tribal region. Treatment includes detection of new-born hearing status to providing hearing aid from **Hearing Aid Bank, Counseling, Therapy. Surgical management** to mainstream hearing impaired child.

If a child is not diagnosed till the age of 2 or 3, faces irreversible damage in their verbal, non-verbal communication skills, increased behavioral & psychological problems.

Tara's continues to **pursue** to make **Hearing screening test mandatory**, at par with life saving vaccines after the child is born.

Besides dedicated centers, special "Dhwani On Wheels" Mobile van, one of its kind unique initiative to increase our reach & presence to Talukas, villages in state of Gujarat where hearing testing facilities are not available.

Children who born with hearing disability became the biggest victim, as they were born with a hearing disability so they remain untouched with any sound; they could not be able to hear and speak in whole life. On the basis of the results of the National Sample survey In India, there are 291 persons per 1 lakh who are suffering from mild to profound hearing loss, from these a large percentage of children are marked who have an age of 0-14 yrs.

Tara Foundation's Projects:-

- ★ NHS-Newborn Hearing Screening
- ★ Rehabilitation Center
- ★ Dhawani On Wheels
- ★ Hiralal Tara School
(CSR Initiative of plastene India Ltd.)
- ★ Hearing Aid Bank

Foundation of Early Detection Procedure and Role of WHO

According to a range of studies and surveys conducted in different countries, around 0.5 to 5 in every 1000 neonates and infants have onset sensorineural deafness or severe-to-profound hearing impairment. Deaf and hearing-impaired children often experience delayed development of speech, language and cognitive skills, which may result in slow learning and difficulty progressing in school. Therefore, early detection is a vitally important element in providing appropriate support for deaf and hearing-impaired babies that will help them enjoy equal opportunities in society alongside all other children.

In May 1995, the **World Health Assembly adopted Resolution of Prevention of hearing impairment**. This resolution sets out an agenda for action by **WHO and Member States** and creates a global mandate underlying the work of WHO technical units working in this area. Subsequently, a WHO Informal Consultation produced a number of recommendations as:-

The consensus of meeting participants is that the aims of such programmes are widely accepted as both highly worthwhile and attainable, and that they should be expanded to include all neonates and infants.

Although universal newborn hearing screening using OAE or AABR should be the goal for all countries, interim approaches using targeted screening based on questionnaires, behavioural methods and/or physiological methods.

Whatever approach is used, it is important that the **universal new born hearing screening programme should be linked to existing health care, social and educational systems**, and that the procedures and outcomes of the programme be documented so that ongoing quality-assurance activities can be implemented and experiences shared.

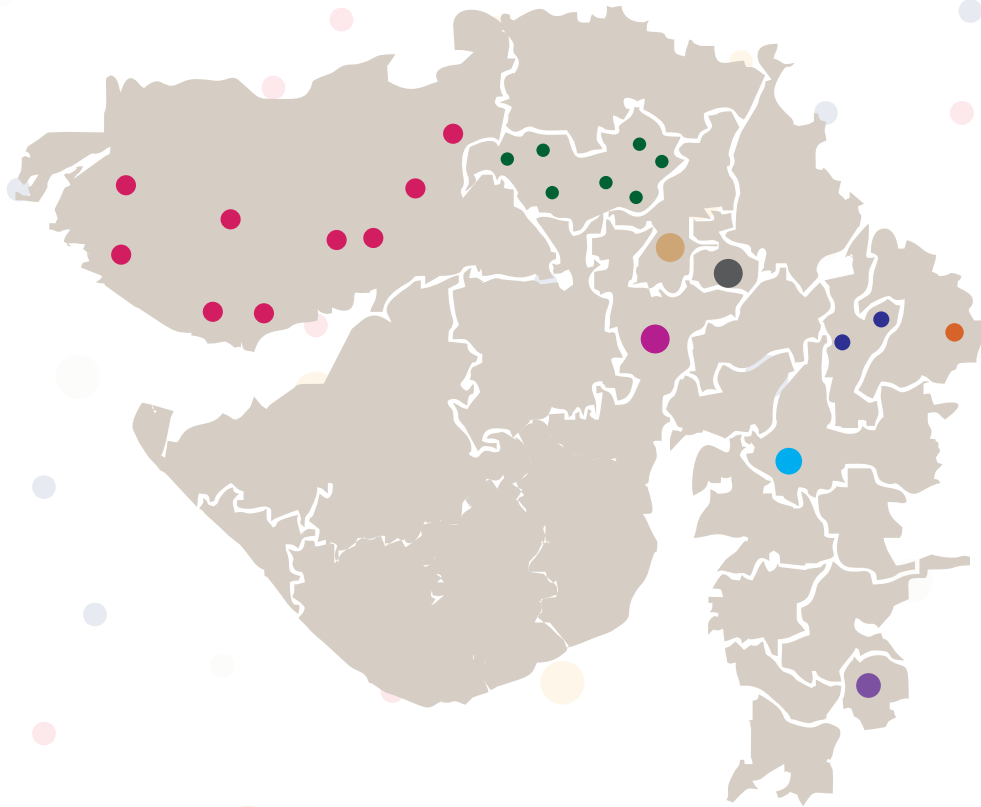
Our Journey of 'Deafness Mukt Gujarat'

Tara Foundation was established in 2016 as a charitable trust devoted to help children who are suffering with hearing disability whose parents cannot afford medical assistance. Our activities focus on identifying children with hearing disabilities, providing rehabilitation to children through medical assistance and helping needful families whose children are suffering from such disabilities. Tara Foundation has rehabilitated more than 400 children moving at a quick pace towards a DEAFNESS-MUKT-SOCIETY.



New Born Hearing Screening (NHS)

Newborn Hearing Screening (NHS) is the first step to determine hearing loss in newborn babies. This procedure involves audiological diagnostic test to determine hearing loss. According **World Health Organization**, NHS is a standard practice throughout United States (U.S) and has been successfully implemented in other countries also. NIH Consensus Statement, 1993 suggested that best practice to ensure early identification of hearing loss which required hearing screening of all newborn prior to discharge. Result, newborn screened for hearing loss in U.S rose from 3% (1991) to 98% (2010).



1 Ahmedabad

Apple Hospital
Apollo Hospital
Somya Hospital
Synergy Hospital
Babycare Hospital
MayFlower Hospital
Zeel Hospital
Om Hospital
Motherwood Hospital
Orange Hospital
Rajani Hospital
GCS Hospital
VS Hospital

2 Kutch

Rapar Civil
Bhachau Civil
Mundra Civil
Naliya Civil
Anjar Civil
Gandhidham Civil
Dayapar Civil
Nakhtarana Civil
Mandavi Civil

3 Patan

Santalpur Civil Hospital,
Dhanpur Civil Hospital,
Varahi Civil Hospital,
Sankheshwar Civil Hospital,
Harij Civil Hospital,
Chanasma Civil Hospital,
Sami Civil Hospital,
Sidhpur Civil Hospital,
Radhanpur Civil Hospital

4 Gandhinagar

Civil Hospital

5 Dahod

Civil Hospital / Zydus
Medical College

6 Godhra

Ghanshyam Children Hospital
Godhra General Hospital

7 Baroda

SSG Hospital

8 Dang

Ahwa Civil Hospital

In the period of **Jan To Dec 2018**, **49519** children were screened at different above centers, out of those **1322** found potentially deaf which equals to **2.67%** from total screened children.

Tara foundation endeavors to improve outcome through early identification and management of congenital deafness. With the aforesaid aim and objective of Tara foundation and working with a mission of making Gujarat deafness-mukt, Tara foundation wants to start newborn hearing screening where in all newborn babies, neonatal ICU babies and children up to one year of age coming for vaccination will be screened through a special OAE (Otoacoustic Emission Test) which takes 3 minutes per child.

Steps of Newborn Hearing Screening

The test is called the Automated Otoacoustic Emissions (AOAE) Test. It takes just a few minutes.

Step 1 - A small soft-tipped earpiece is placed in your baby's ear and gentle clicking sounds are played.

Step 2 - When an ear receives sound, the inner part (called the cochlea) responds. This can be picked up by the screening equipment.

Step 3 - If the inner part (called the cochlea) does not respond the child will be referred for next screening after a month; if inner part responds, child will be declared pass.

It's not always possible to get clear responses from the first test. This happens with a lot of babies and does not always mean baby has a permanent hearing loss. It could mean:

- ★ Baby was unsettled when the test was done
- ★ There was background noise
- ★ Baby has fluid or a temporary blockage in their ear

In these cases, baby will be offered a second test. This may be the same as the first test, or another type called the automated auditory brainstem response (AABR) test.

The AABR test involves placing three small sensors on your baby's head and neck. Soft headphones are placed over your baby's ears and gentle clicking sounds are played. This test takes between 5 to 15 minutes.

These tests will not harm baby. Baby's hearing test results as soon as the test is done. If baby has a clear response in both ears, they are unlikely to have hearing loss.

Babies start learning how to use sound as soon as they are born. Listening in the first months of life prepares babies to speak. By their first birthday, babies are already learning what words mean. Babies start by babbling, using many of the sounds they hear spoken around them. These early steps are building blocks for communication.

Babies learn to talk by listening to their families talk around them. Imagine that a baby has a hearing loss, but no one knows about it. This can lead to slow development of speech and language. These delays can lead to problems in school later on. Finding hearing loss early can help prevent delays in speaking and learning.

Programme Aim

The Newborn Hearing Screening Programme aims to identify newborns with hearing loss early so they can get the help they need as soon as possible to help their language, learning and social development. This is important for the children as well as their families and society.

- ★ The core goals are described as '1-3-6' goals:
- ★ Babies to be screened by 1 month of age
- ★ Audiology assessment completed by 3 months of age
- ★ Starting appropriate medical and audio-logical services, and early intervention education services, by 6 months of age.

Tara Foundation started Newborn Hearing Screening Centers as following:-

CENTER NAME	TOTAL SCREENING	TOTAL DEAF
BHUJ	12075	210
GANDHINAGAR	8175	152
DAHOD	5233	190
GODHRA	6897	157
PATAN	10684	293
VADODRA	3645	185
V.S HOSPITAL	215	8
DANG (AHWA)	150	3
AHMEDABAD	2445	124
TOTAL	49519	1322

HEARING REHABILITATION

Audio logic or Hearing Rehabilitation helps people who are living with hearing loss. Rehabilitation or Rehab helps people relearn skills which they have lost. Rehab can help you learn to hear and speak. You will learn how to make talking with others easier.

Specific rehabilitation services for children depend on individual needs as dictated by

- ★ The current age of a child
- ★ Age at which he had hearing loss
- ★ Age at which hearing loss was discovered
- ★ The severity of hearing loss
- ★ The extent of hearing loss

Children learn to speak by listening to their families around them. They start speaking by imitating or babbling and using new words slowly. However, families recognize hearing loss in child after sometime, but it is already very late. Biggest consequence of hearing loss in childhood is disturbance to learning speech and language.

Combination of early detection and early use of amplification proved a dramatically positive effect on the language abilities of a child with hearing loss. Ideal case is this hearing loss of child could be recognised just after his/her birth with the help of NHS.

After providing medical help, Tara Foundation ensures children's rehabilitation by choosing suitable rehabilitation procedure. In the process of Rehabilitation sometimes, we found that some of the children has additional problems as Autism and Cerebral Palsy. At our Rehabilitation Centres, we use therapy procedures, as per the individual requirement of child so that child could learn words and start speaking by developing their auditory skills.

CENTER NAME	CHILDREN TAKING THERAPY	THERAPY COMPLETED
AHMEDABAD	239	130
GODHRA	45	26
ANAND	49	28
BHUJ	43	23
RAJKOT	19	10
PATAN	58	32
TOTAL	453	249

DHWANI ON WHEELS (The First Sound Proof Van of Gujarat)

Tara Foundation understood this need of hearing screening in villages and initiated first and one of its kind "Dhwani on Wheels". It is a step closer to accomplishing our mission and in reaching more people in lesser time and more places where physical centres are not present, it carries Plug and Play setup providing diagnosis services to under privileged children free of cost.

DHWANI ON WHEEL (KUTCH)			
CENTER NAME	TOTAL SCREENING	TOTAL DEAF	OPERATE
RAPAR	129	3	3
BHACHAU	149	0	0
MUNDRA	83	2	1
NALIYA	71	0	0
ANJAR	118	0	0
GANDHIDHAM	113	1	1
DAYAPAR	54	5	4
NAKHTARANA	43	0	0
MANDAVI	141	3	2
TOTAL	901	14	11

DHWANI ON WHEEL (PATAN)			
CENTER NAME	TOTAL SCREENING	TOTAL DEAF	OPERATE
SIDHPUR	52	6	4
SANGKESHWAR	108	4	3
HARIJ	154	17	15
SAMI	129	8	5
CHANASMA	91	7	5
SATALPUR	49	9	7
TOTAL	583	51	39



HIRALAL TARA SCHOOL

(CSR Initiative of Plastene India Ltd.)

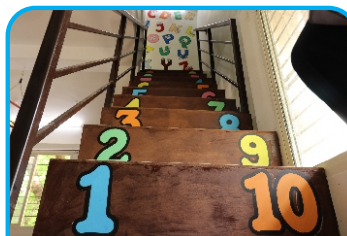
Every child born has a right to grow to her/his full potential irrespective to gender class, caste, or religion and being differently abled. Unfortunately many children are deprived of this opportunity or lack necessary support for unleashing their creative potential. One such case is the children suffering from hearing impairment. With right intervention at appropriate stage, every such child can learn to communicate in spoken language and become independent in the mainstream of society. We have personally experienced early intervention has transformed life of child and their family.

Everyone deserves the gift of hearing who is suffering in the world of silence .The mission of the foundation is "No child is left deaf "echoes the above stated desire to break the world of silence. For children with hearing loss, schools and preschools can be noisy, so this preschool aims to overcome these obstacles with 1:6 teacher to student ratio. Our staff is fully trained in language stimulation and development, order to facilitate the transition to school. Includes socialization skills, language, cognition, gross motor skills music and craft activities.

All activities are based on early years learning framework and have been designed to develop children social, intellectual, emotional, physical skills and an enjoyable learning environment. Our members of staff are experienced in working with children with or without hearing loss. This school is perfectly equipped to prepare children for the school environment.

We are running currently following programs:-

- ★ **First Sound Implant Program:** This programme is recommended for those children who are going through device evaluation.
- ★ **Group Program:** We take group programs of more than one family and make them understand all the training techniques of speech therapy or others so that after school session, families can practice kids at home too.
- ★ **Service Areas:** At Hiralal Tara School, we offer audiology, speech pathology, auditory-verbal therapy, music and behaviour therapy and counselling. We also offer speech and language assessments for children of all ages.
- ★ **School Age Programs:** Beyond Sound Alumni Club, Communication development Assessment and Communication screening Assessment take place in this program.
- ★ **Tele-intervention Program:** Specialist services via online video conferencing session.
- ★ **Empower Me Workshop:** This workshop is designed for cares and extended family members of children with any degree of permanent hearing loss.



INAUGURATION OF FIRST HEARING SCHOOL OF GUJARAT AT 16 AUG, 2018



SCHOOL ACTIVITIES



Clay Modeling



Experimental Learning



Learning with Obstacles



Christmas Celebration



Math Conceptual



Story Telling



Music Class



Concept & Gross motor Developer



Music Therapy



Social Skill Development



Janmashtami Celebration



TEACHERS ORIENTATION WORKSHOP



Professional Development Program



HEARING AID BANK

Parents of hearing impaired children are often deprived of standardized hearing kits owing to cost factors. To solve the problem, authorities of Tara Foundation are reaching out to parents and are helping them in every way so that their young siblings avail right devices and live normal life.

For this, a new initiative has been taken by authorities who are appealing general public at large to donate old hearing aids which are out of order. These medical devices will be repaired and recalibrated. Besides, the trust is also making new hearing aids available at concessional price with help of donors.



CAMPS

BARODA OAE STARTED WITH DHWANI ON WHEELS on 14 July



BERA CAMP GODHARA on 31 May



BHUJ CAMP on 27 July



DAHOD CAMP on 14 July



HIMMATNAGAR CAMP on 4 Mar



BARODA BERA CAMP on 11 Dec



BHUJ BERA CAMP on 8 Dec



MEHSANA BERA CAMP on 11 Oct



GODHRA CAMP on 25 Oct



EVENTS

On 3 March, world hearing day Holi celebration



On 10 March, Aawaz ki Parwaz event organized by Tara Foundation



15 APR - Let's Discover A+ Hearing - in AMA

19 MAY - Let's Discover A+ Hearing - in Rajkot



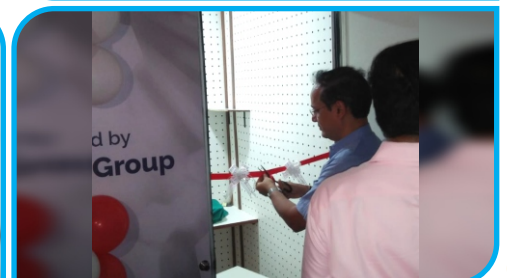
**15 July - Inaugurating New Born Hearing Screening Centre in
Zydus Medical College Dahod with
MLA JaswantSingh & Bachubhai Khabad**



19 & 20 July- Music therapy and group therapy workshop



**26 July - Inaugurating New Born Hearing Screening Centre
in Bhuj - Civil**



On 23 Sept, JOY RIDE



On 22 Nov, INAUGURATION OF V. S. CENTER



On 16 Aug, INAUGURATION OF HIRALAL TARA SCHOOL



On 30 Nov, DANG INAUGURATION



SUCCESS STORIES

Anaika Yadav

The most joyous moment in life is when your child calls out papa or mummy; but for ours we had to wait long for that happiest moment. Anaika was a year old but was not responding to her name and was not speaking anything. We ignored the fact and just believed that she is taking time to grasp things but when she turned 2; there were complaints from school and they said that it is possible that our child had a hearing problem. We never wanted to believe this, who would? Yet we took her to a doctor and everything just fell apart when he told that our child was 90% deaf. We were numb and clueless. It was depressing to know that our baby will never turn around when we would call her name. We got to know about the cochlear implant and successful results about the same. We got our child operated by Dr Neeraj Suri and now she is taking the speech therapies, speaking clearly and hearing all things right. We are grateful to the Lord to bring our absolutely brilliant and radiating child out from the misery.



Vihabhai Rabari

It is a story of a child whose elder sibling is normal and going to a mainstream school. It is difficult to think these kinds of parents that their younger child could have a hearing disability.

It is a very hard situation for parents when their child turns two but do not respond to sound. Our nights were sleepless but the ray of hope became alive after his operation.

Our child Viha started responding to sound and start speaking. We are glad to think that his life would be colorful just like the rest of the children. Our decision of getting operated from the Tara Foundation proved correct. Viha is learning to speak and we are very happy to listen to his voice.



Prabal Chaurasia

It is definitely not a nice feeling when you call your child and he does not respond. We were living in depression and fear.

We kept calling his name but our one and half-year-old baby never responded. We took him to a doctor and we got to know about his hearing loss. It broke our heart. We got him operated under Tara Foundation and now, our baby turns around every time we call Prabal. He started responding to name, music and sounds. It is such an overwhelming and happy feeling, like life, came back smiling to us!



Vihaan Popat

Vihaan's mother was suffering from Breast Cancer when she got Vihaan in her life. She could not understand how to deal with this situation? She sent him to her sister so she could take care of her. Vihaan was almost two years old when she realized that he couldn't listen. This realization was unbearable.

Vihaan's mother consulted doctors and got to know about the treatments which can help Vihaan to get his hearing ability. Now from whistling cooker to loud screaming of the mother, he can hear every single thing. She is the happiest lady on this earth. Now Vihaan can speak Mummy, Papa and listen to every trivial noise.





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