

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**, apart with life saving vaccines after the child is born.

Besides dedicated centers, special "Dhawan 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
- Dhawan On Wheels
- ★ Hiralal Tara School
- ★ Hearing Aid Bank

Foundation of Early detection procedure and Role of WHO

As per a scope of studies led in various nations, around 0.5 to 5 in each 1000 neonates and newborn children have inborn or early youth beginning sensor-neural deafness or extreme to-significant hearing debilitation. Hard of hearing and hearing-impaired kids regularly encounter postponed advancement of discourse, dialect and intellectual aptitudes, which may result in moderate learning and trouble advancing in school. Early recognition is an essentially critical component so that those children could get timely help.

In May 1995, the **World Health Assembly embraced Resolution: Prevention of hearing disability**. This goal sets out a motivation for activity by WHO and Member States and makes a worldwide order hidden crafted by WHO specialized units working here. Along these lines, a WHO Informal Consultation 3 in 2000 created various proposals. To control deafness; effective infant and baby hearing screening programs have been executed in a wide range of nations which utilizes screening techniques, conventions and linkages to existing human services. All inclusive infant hearing screening utilizing OAE or AABR for all nations, but whatever approach is utilized it is essential that EHLI program is connected to existing human services, social and instructive frameworks.

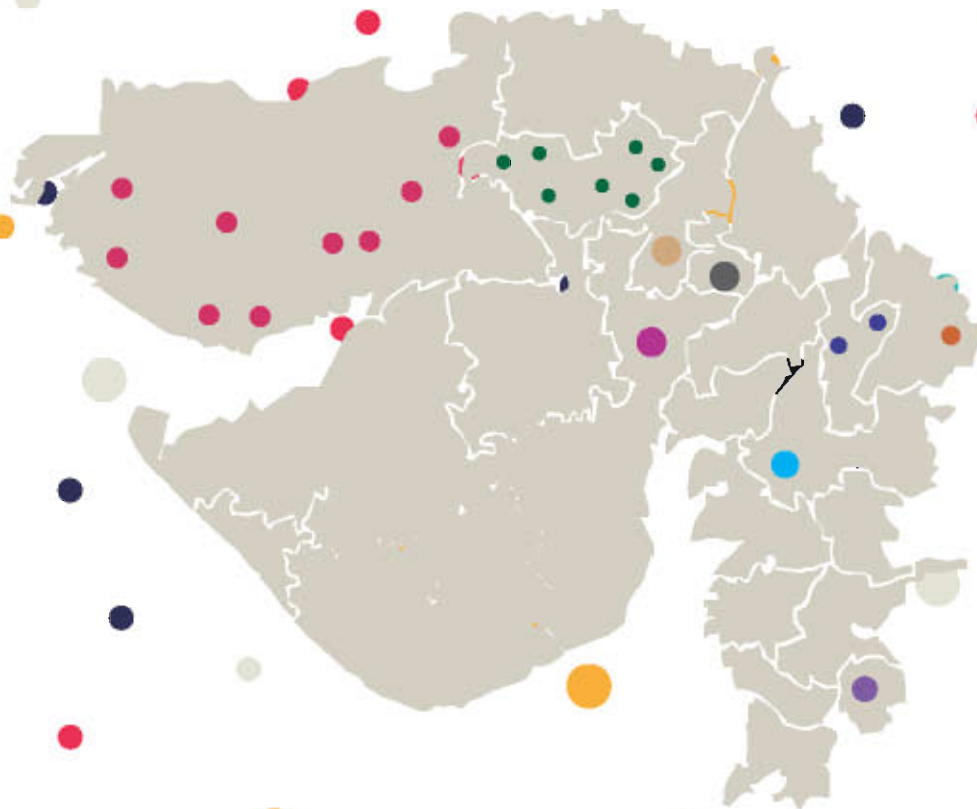
Our attempt of 'Deafness Mukti Gujarat'

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).



Ahmedabad

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

In Kutch

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

In Patan

- Santalpur Civil Hospital,
- Dhanpur Civil Hospital,
- Varahi Civil Hospital,
- Sankheshwar Civil Hospital,
- Harji Civil Hospital,
- Chanasma Civil Hospital,
- Sami Civil Hospital,
- Sidhpur Civil Hospital,
- Radhanpur Civil Hospital

Kalol

- Civil Hospital

Gandhinagar

- Civil Hospital

Dahod

- Civil Hospital / Zydus Medical College

In Godhra

- Ghanshyam Children Hospital
- Godhra General Hospital

In Baroda

- S&S Hospital

In Dang

- Anva Civil Hospital

In the period of Jan To **Dec 2018**, **7922** children were screened at different above centers, out of there **894** found potentially deaf.

Tara foundation endeavors to improve outcome through early identification and management of congenital deafness. With the aforesaid aim an 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	CENTER START	TOTAL SCREENING	TOTAL DEAF	OPERATE
BHUJ	Sep-17	1618	143	33
GANDHINAGAR	Sep-17	1622	142	75
G.C.S HOSPITAL	Oct-17	621	4	0
DAHOD	Nov-17	821	190	12
GODHRA	Jan-18	281	170	34
PATAN	Mar-18	1668	221	42
RADHANPUR	Mar-18	480	7	3
RADHEJA	Apr-18	114	3	1
VADODRA	Jul-18	610	11	4
V.S HOSPITAL	Nov-18	35	3	0
DANG (AHWA)	Dec-18	52	0	0
TOTAL		7922	894	204

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 he had hearing loss
- ★ Age at a 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	Center Started	Children Taking Therapy	Therapy Completed
AHMEDABAD	10 Nov. 2016	239	130
GODHRA	15 May 2017	45	26
ANAND	15 May 2017	49	28
BHUJ	15 May 2017	43	23
RAJKOT	1 June 2017	19	10
PATAN	15 Sep. 2017	58	32
TOTAL		453	249

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

It is normal that in first round, newborn hearing screening test fails, and doctors advise to parents to come again after 2-3 months, but few of the parents do this. In villages where hearing screening facility are not available, it becomes a harder task.

Tara Foundation understood this need of hearing screening and initiate first and one of its kind unique initiative by Tara Foundation. "Dhwani On Wheels" is a closer step to accomplish our mission and reach maximum people in faster time and places where physical centers are not present. It carries plug and play setup providing diagnosis services and treatment to underprivileged children free of cost.

This unique concept enables to reach smallest of the talukas, villages. With the help of Dhwani On Wheels we diagnose 1000 children a month. Sessions are carried at slums, balwadi and crèches for underprivileged children.

Dhwani On Wheels covers maximum of places nearby Ahmedabad as Sidhpur, Chansma, Harij, Sankheswar. Some more details are following :-



DHWANI ON WHEEL (KUTCH)				
CENTER NAME	CENTER START	TOTAL SCREENING	TOTAL DEAF	OPERATE
RAPAR	30/07/2018	129	3	3
BHACHAU	30/07/2018	149	0	0
MUNDRA	30/07/2018	83	2	1
NALIYA	30/07/2018	71	0	0
ANJAR	30/07/2018	118	0	0
GANDHIDHAM	30/07/2018	113	1	1
DAYAPAR	30/07/2018	54	5	4
NAKHTARANA	30/07/2018	43	0	0
MANDAVI	30/07/2018	141	3	2
TOTAL		901	14	11



DHWANI ON WHEEL (PATAN)				
CENTER NAME	CENTER START	TOTAL SCREENING	TOTAL DEAF	OPERATE
SIDHPUR	04/02/2018	52	6	4
SANGKESHWAR	26/03/2018	108	4	3
HARIJ	16/04/2018	154	17	15
SAMI	04/05/2018	129	8	5
CHANASMA	04/09/2018	91	7	5
SATALPUR	04/12/2018	49	9	7
TOTAL		583	51	39



HIRALAL TARA SCHOOL

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 otherwise be 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 and thus difficult learning environment. This preschool aims to overcome these obstacles with small teacher to student staff ratio and staff who are trained specifically in language stimulation and development to 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 help prepare all 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 and counselling. We also offer speech 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.



FIRST EVER HEARING SCHOOL OF GUJARAT



SCHOOL ACTIVITIES



Clay Modeling and Shape Discrimination



Experimental Learning



Learning with Obstacles



Christmas Celebration



Math Conceptual



Story Telling



Music Class



Concept and 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 aids 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, 2018



BERA CAMP GODHARA on 31 May, 2018



ANJAR CAMP

BHUJ CAMP



DAHOD CAMP



GODHARA CAMP



HIMMATNAGAR CAMP



BARODA BERA CAMP



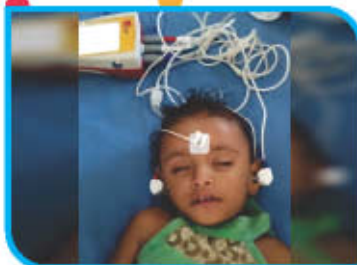
BHUJ BERA CAMP



MEHSANA BERA CAMP



GODHRA CAMP



EVENTS

3 March, on 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



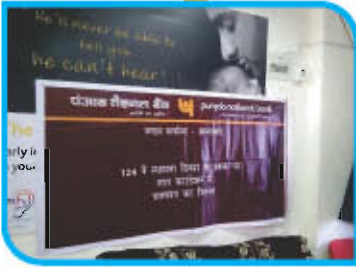
26 July - Inaugurating New Born Hearing Screening Centre in Bhuj - Civil



JOY RIDE



HELPING HAND PNB BANK EVENT



INAUGURATION OF V. S. CENTER



INAUGURATION OF HIRALAL TARA SCHOOL





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