



# Cochlear Implant Program In Nepal & CoIN e.V. support



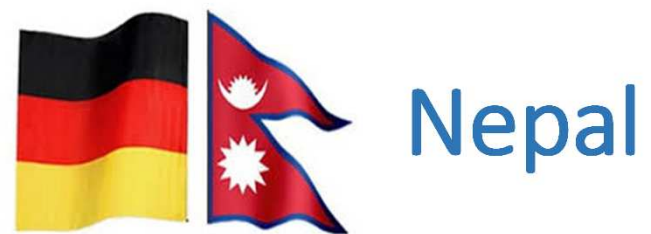
**Dr. Rabindra Bhakta Pradhananga (Chairman: CING)**  
**Associate Professor**  
**Cochlear Implant Surgeon,**  
**Department of ENT-HNS, TU Teaching Hospital, IOM**  
**Kathmandu, Nepal**





- Diverse geography
- Terai plains, 60 metre from sea level to the highest point on the earth, the Mount Everest, 8848 metre.
- A multi-ethnic, multi-lingual, multi-religious and multi-cultural
- Kathmandu, situated at around 1400 metres above sea level, is the capital.
- Progress in poverty reduction: around 9% of the population is still below the international poverty line (US\$1.90 per person per day)
- Almost 32% of the population living on between US\$ 1.90 and US\$3.20 per person per day.











Nepal







Nepal







Nepal







Nepal







Nepal





# CI Program in Nepal

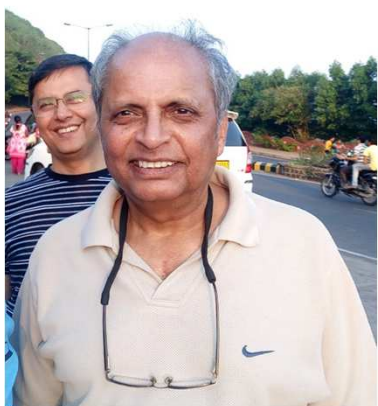
- Started in 2004







# Pioneer in Nepal





## Protocol of CI in Nepal

- Clinical history and clinical examination
- Audiological Investigation
- Radiological Investigation
- Pre-operative Hearing aid use
- Psychological Assessment
- Pre-implant counselling and therapy
- Order for implant
- Paediatric consultation And Immunization
- Surgery
- Switch on and mapping
- Speech Therapy / Habilitation
- Regular follow up and mapping







# Cost of CI program in Nepal

S. No	Title	Cost in NPR	Cost in EURO	
1	Cost of preoperative investigations	60,000.00	420.00	
2	Pre-operative vaccination	15,000.00	105.00	
3	Cost of Implant	10,50,000.00 to 28,50,000.00	7300-19,800 (12,150)	Prefer 3T MRI comp
4	Cost of operation (including hospital charges and Medication)	1,20,000.00	835	
5	Cost for switch on and mapping for one year	50,000.00	350	
6	Cost for Speech Therapy for one year	80,000.00	555	



Maintenance cost: 50,000.00 (350)

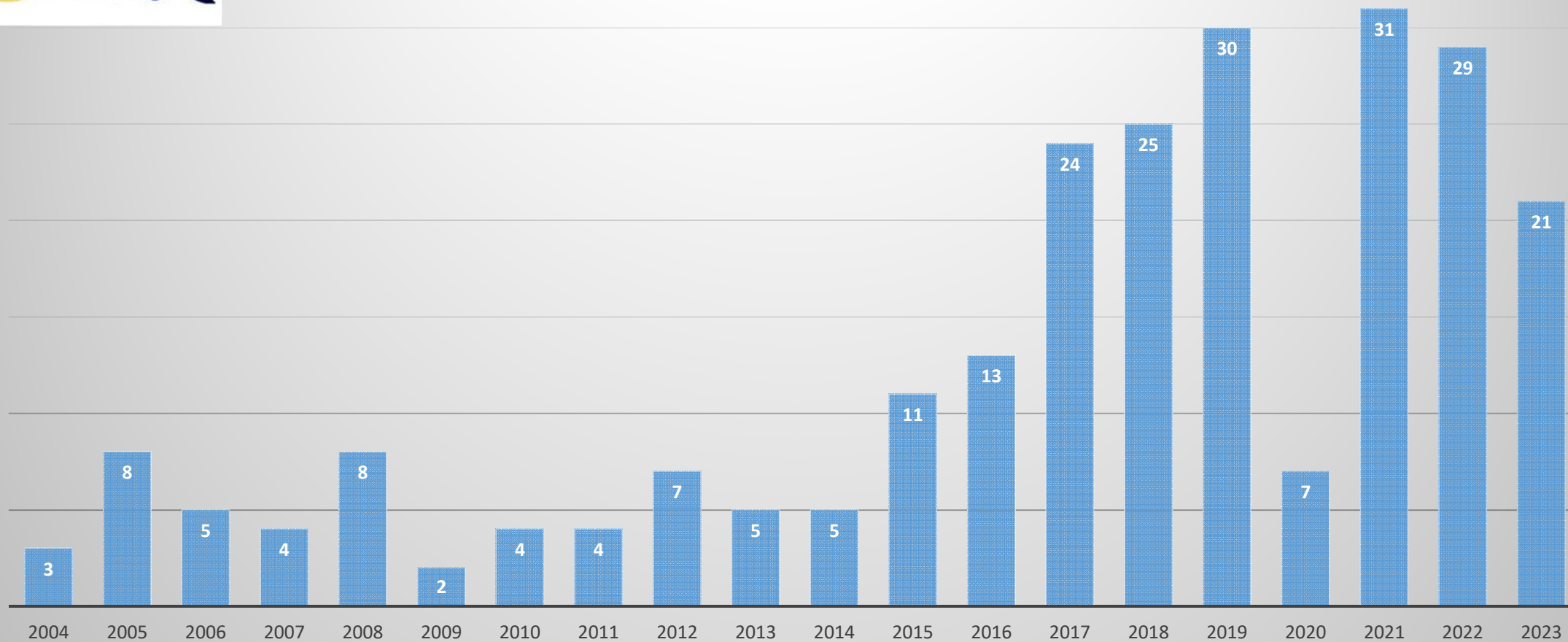
Total cost= Minimum 20,60,000 (14,300)

Nepal Government is providing NPR. 6,50,000.00 (4,500) per case





## Number of CI Surgery in Nepal







# Cochlear Implant Nepal Group (CING)

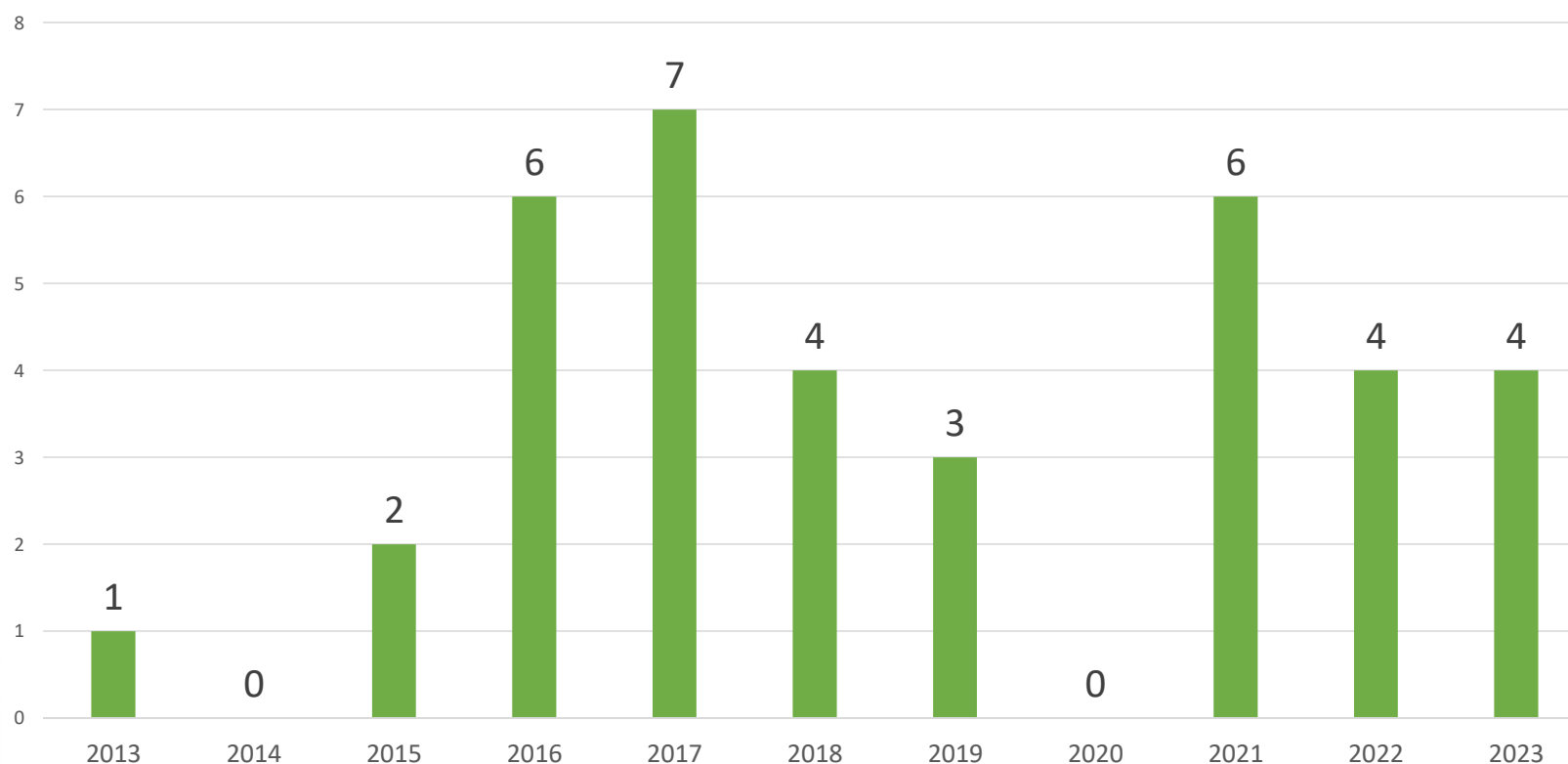
- Non-Governmental Organization (NGO)
- Involving related specialists such as ENT surgeons, Audiologists, Speech-language pathologists, Radiologists, Child Psychologist, Pediatricians, Anesthesiologists and Nursing staffs.
- Officially registered with Nepal Government on April 12, 2013.
- Partner with CoIN e.v., Germany





## Number of CoIN supported CI (n=37)

Number of Children supported for CI by CoIN via CING

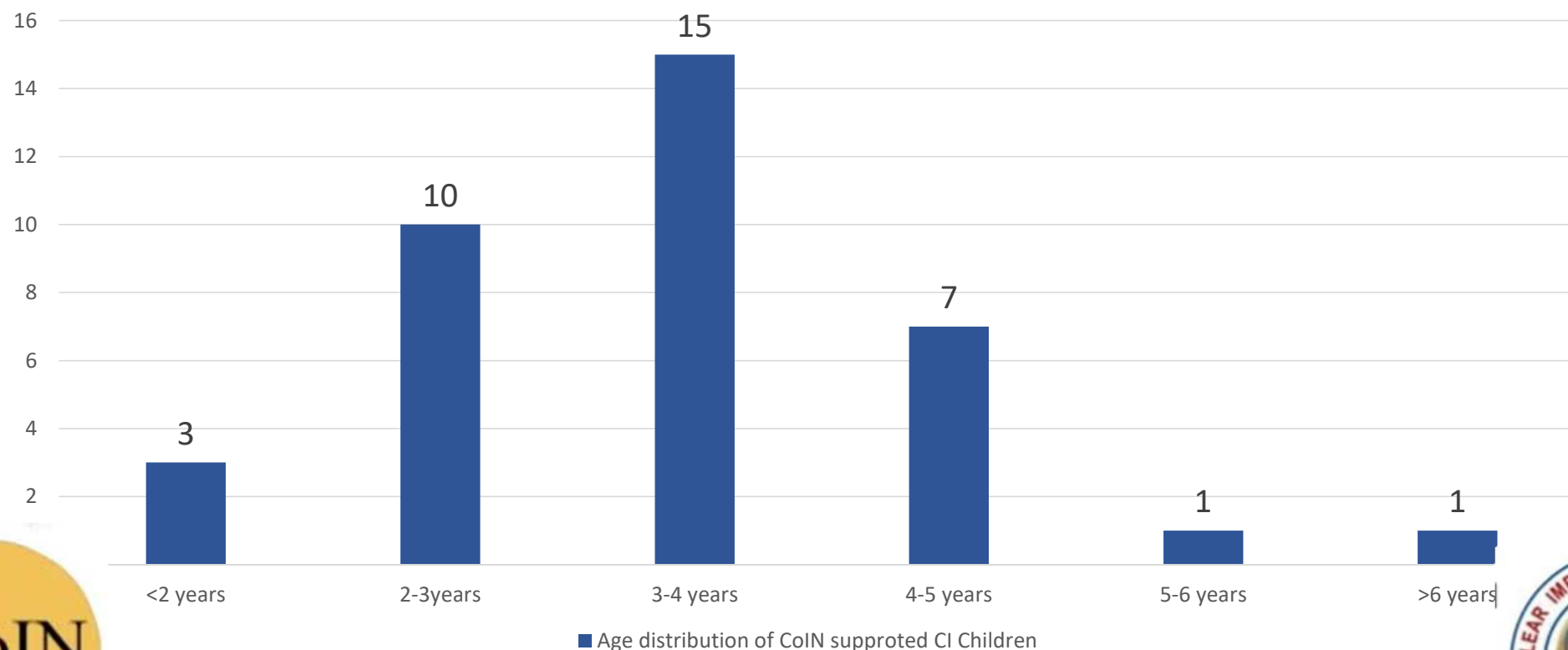






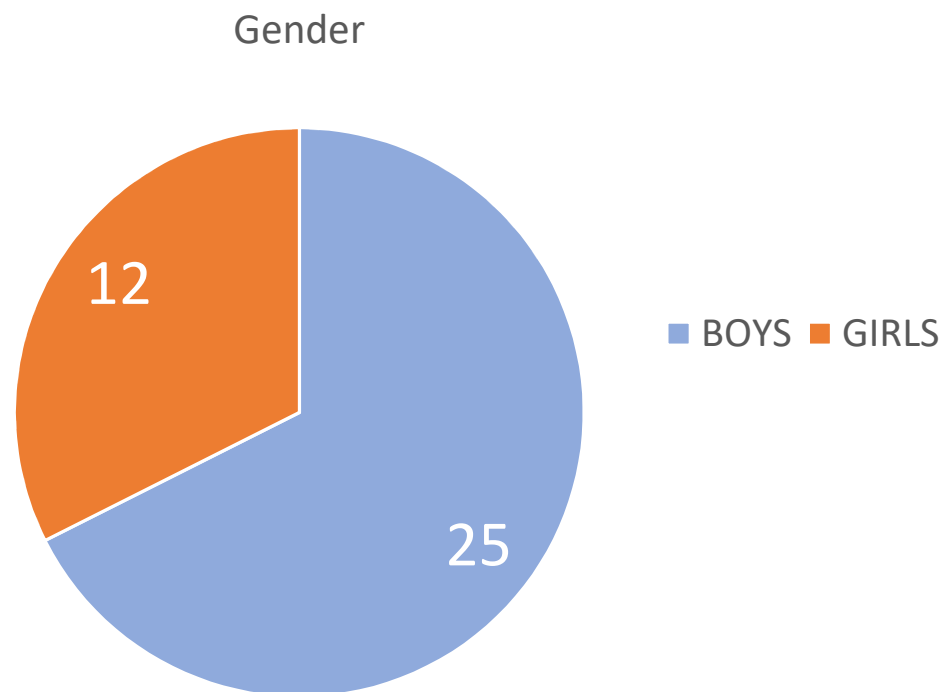
# Number of CoIN supported CI (n=37) Age Distribution

Age distribution of CoIN supported CI Children





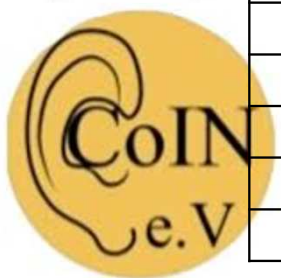
## Number of CoIN supported CI (n=37) Gender Distribution





# CI Program in Nepal

S. No.	Name	Date of birth	Date of Surgery	Remarks
1.	Binayak Ghimire	10/10/2010	28/01/2013	Doing good
2.	Vivek Joshi	29/06/2011	19/01/2015	Excellent
3.	Meshika Sah	25/12/2012	16/02/2015	Excellent
4.	AabaranTandukar	28/02/2012	22/02/2016	Doing Good
5.	Bimarsh Shrestha	05/09/2012	21/03/2016	Doing Good Multiple problem
6.	Sidhanta Chaudhary	04/11/2012	18/04/2016	Doing Very Good
7.	Naina Jha	26/01/2013	30/05/2016	Doing Good
8.	Bikranta Chalise	11/06/2014	29/08/2016	Doing Good Autism
9.	Pawal Mijar	10/10/2013	05/09/2016	Excellent
10.	Yubraj Gurung	24/12/2011	06/02/2017	Out of Contact
11.	Ritik Lama	14/11/2013	03/04/2017	Doing Very Good
12.	Jenny Sanjel	01/01/2013	22/05/2017	Excellent
13.	Jossan Sainju	26/01/015	10/06/2017	Doing Good
14.	Aarushi Singh	16/07/2015	12/08/2017	Doing very Good
15.	Ashmita Chaudhry	08/12/2008	18/09/2017	Excellent







# CI Program in Nepal

S. No.	Name	Date of birth	Date of Surgery	Remarks
16.	Manyata Pokharel	10/05/2012	18/09/2017	Excellent
17.	Shubhangi Thapa	20/2/2014	17/9/2018	Excellent
18.	Samar Shrestha	09/02/2014	06/10/2018	Doing Very Good
19.	Namisha Magar	18/07/2013	12/11/2018	Implant Broken due to trauma
20.	Uman Chaudhary	29/10/2016	12/11/2018	Doing Very Good
21.	Sujib Shyamaju	01/11/2015	20/03/2019	Doing Very Good
22.	Darshan Gupta	04/10/2016	13/04/2019	Doing Very Good
23.	Aayan Khatri	08/08/2016	20/06/2019	Doing Good
24.	Aaron Subedi	14/04/2017	28/06/2021	Doing Very Good
25.	Samragi Khadka	30/04/2017	13/09/2021	Doing Good
26.	Prateek Kumar	20/05/2020	20/09/2021	Doing Good
27.	Pranish Bhandari	21/06/2018	27/09/2021	Doing fairly Good developed autism
28.	Roshish Rai	21/12/2017	04/10/2021	Doing Good
29.	Niraj Chauhan	30/10/2019	22/11/2021	Doing very good





# CI Program in Nepal

S. No.	Name	Date of birth	Date of Surgery	Remarks
30	Diya Shrestha	20/07/2020	14/02/2022	Doing good Autism
31	Laxmi Prasad Nepali	07/11/2018	06/06/2022	Improving significantly
32	Soyam Gharti Magar	15/01/2019	11/07/2022	Average improving
33	Prakriti Bhattarai	15/05/2019	20/06/2022	Doing good
34	Romeo BC	04/06/2018	16/01/2023	will come next month
35	Kevin Sunar	23/07/2021	01/05/2023	Recently operated / switch on
36	Aryan Yadav	27/09/2019	15/05/2023	Recently operated /switch on
37	Sagun Bogati	04/10/2019	01/06/2023	Recently operated / switch on



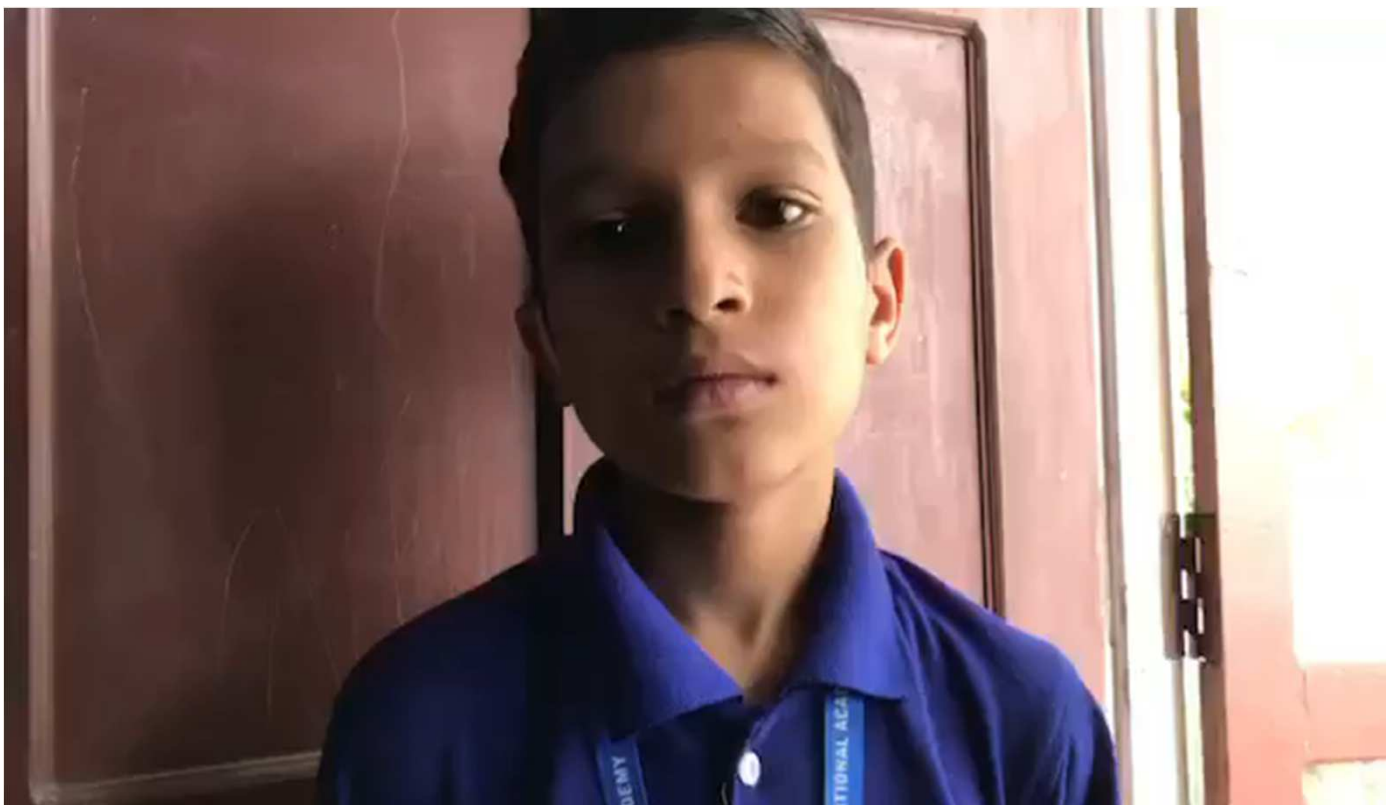








**BIBEK JOSHI** 19/01/2015





MESHIKA SHAH 16/02/2015





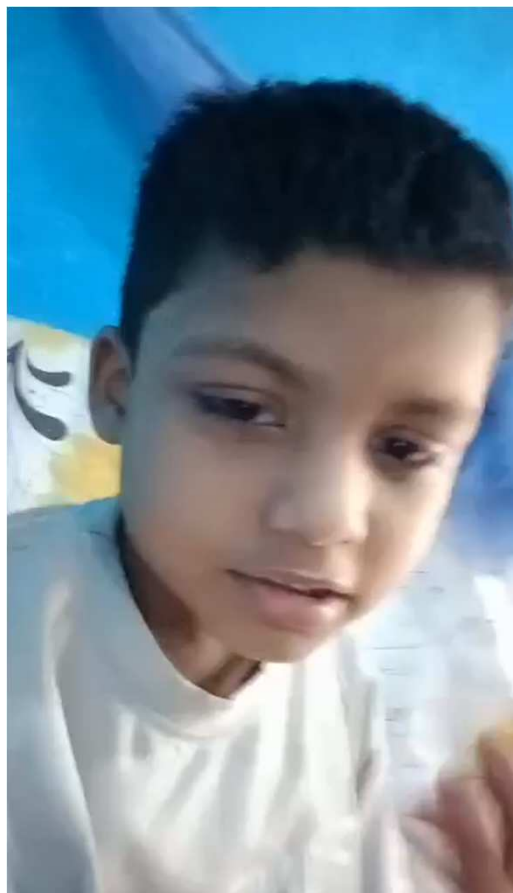
Jenny Sanjel 22/05/2017







Darshan Gupta 13/04/2019





# Manyata Pokharel

18/09/2017 (22/09/2022)





# Prakriti Bhatrarai 20/06/2022







**Neeraj Chauhan** 22/11/2021





# Praniash Bhandari

27/09/2021





# Sagun Bogati

27/09/2021







## Visit 2019





Visit 2019







## Visit 2019







## Visit 2022





Visit 2022





## Aims and objectives of CING

- To increase the awareness of Importance of hearing
- To provide the solution available to get hearing back in people having Hard of Hearing or no hearing
- To increase awareness of cochlear implant among medical professional
- To provide cochlear implant related training to related specialties and support for CI candidates.







## Activities of CING

- CING is providing hearing aid in very low cost as loaner to use before CI
- Almost 50% cost for the CI is being covered by CING with the financial support from CoIN e.v. for 5-6 children per year
- Providing full surgical costs in revision surgeries, if CI users' Implant got failed due to some reason.
- Conducting awareness programs via camps and celebrating World Hearing day every year.





## Activities of CING

- Donated one set of instrument for neonatal hearing screening and supporting universal neonatal hearing screening program at TU Teaching hospital, Kathmandu.
- Conducted CI Advocacy program in collaboration with Nepal Government, Ministry of Health and Population in 2019.
- Conducting CME, workshops and conferences related to implantable hearing solutions.
- From 2013 to 2023, CoIN e.v. has supported for 37 children for cochlear implant surgery





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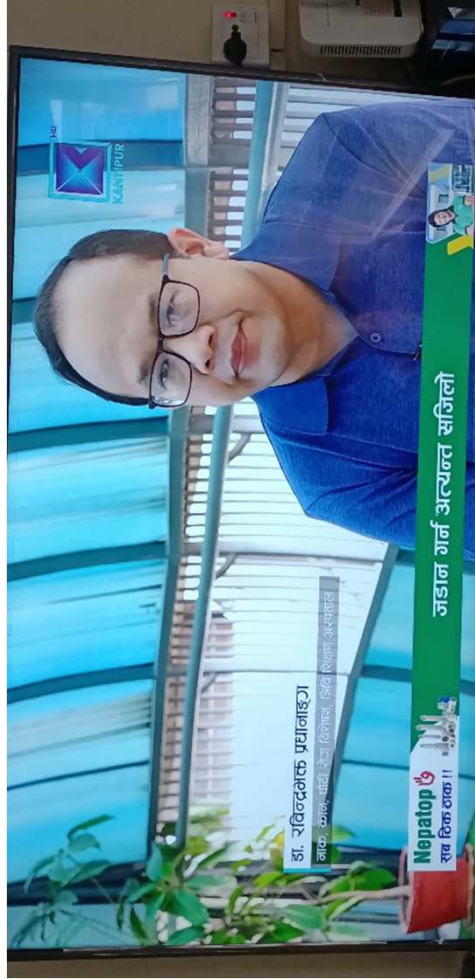


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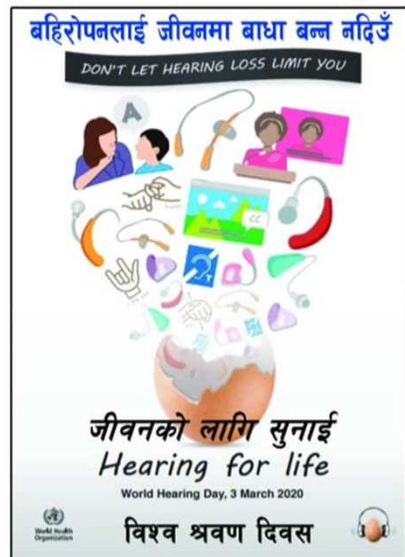












विश्व श्रवण दिवस २०२०

श्रवण परीक्षण उपकरण  
(OAE/AABR Screener)

हस्तान्तरण

तथा

नवजात शिशु श्रवण परीक्षण कार्यक्रम  
(Universal Neonatal Hearing Screening Program)  
उद्घाटन

March 3<sup>rd</sup> 2020 (२०७६ फाल्गुण २० गते)

At TUTH







# Change in Life



**THANK YOU**





