



Neelam Vaid: Funding in low and middle income countries

- Dr Neelam Vaid is Head of the Cochlear Implant Programme and BIG EARS, the Audiology and Speech Pathology Department at KEM Hospital, Pune, India.
- She is actively involved in research, clinical treatment and education relating to all aspects of ENT for 30 years.
- Her CI programme actively involves all family members!

Cochlear implantation in the developing world – The Indian story



Dr Neelam Vaid M.S.,D.N.B
K.E.M. Hospital,
Pune, India

The Indian Paradox

A country of over 1.3 billion with a rapidly expanding economy

A growing middle class - economic independence similar to their counterparts in the developed world

Millions - below poverty line



- One third of worlds poorest people live in India
- 363,000,000 are below the poverty line

<1.25 dollar per day per head. CIA world factbook
2011

Rangarajan panel Rs 47/day in urban and Rs 32/
day in villages

The Dilemma

Balancing an advanced technology with the requirements of a developing country



Who will take care

Public health
services

Private health
services –
used more
frequently

National Family Health Survey 3
Urban 70%
Rural 63%

Cochlear Implants



Evolution in funding

1990s – Self funding

Early 20s – **Private trusts** esp Tata trust, Mahindra, **NGOs** : SAHI, **Corporate houses**

2010 onwards – State and Central Govt

Stakeholders



- Professionals involved
- Family and the recipient
- Cochlear implant manufacturers

What did we do

Assigned a social worker and coordinator to assess

Network with individuals, corporates, charitable trusts.

Establish credibility – Progress reports

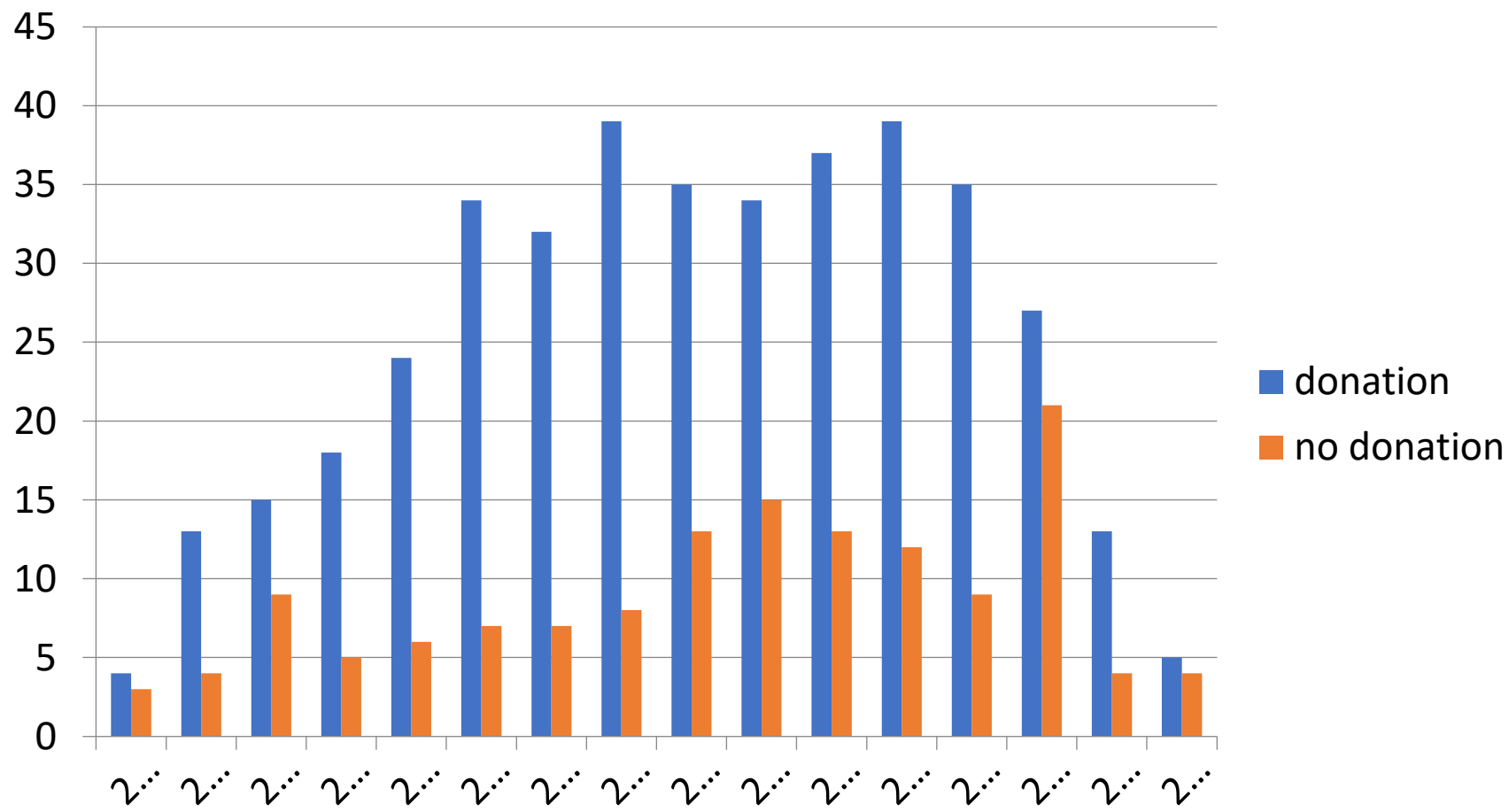
Fundraising

Set up a cochlear implant fund – soft loans.

Involve implantees and their families

Involve the manufacturers

Funding



Where are the funds coming from

28.2%- self

51.3% - private trusts

4.9% - insurance

7.5% - central govt – ADIP/PM fund

6.6% - state govt – CM/PMC/MPJAY/RSBK

Government funding

State – 12 states and 1
union territory

Central – ADIP & CSR

Andhra Pradesh
Assam
Bihar
Chhattisgarh
Delhi UT
Gujarat
Karnataka
Kerala
Madhya Pradesh
Rajasthan
Tamil Nadu
Telangana
Uttar Pradesh

TAMIL NADU

'4,101 children got cochlear implants under CMCHIS'



SPECIAL CORRESPONDENT

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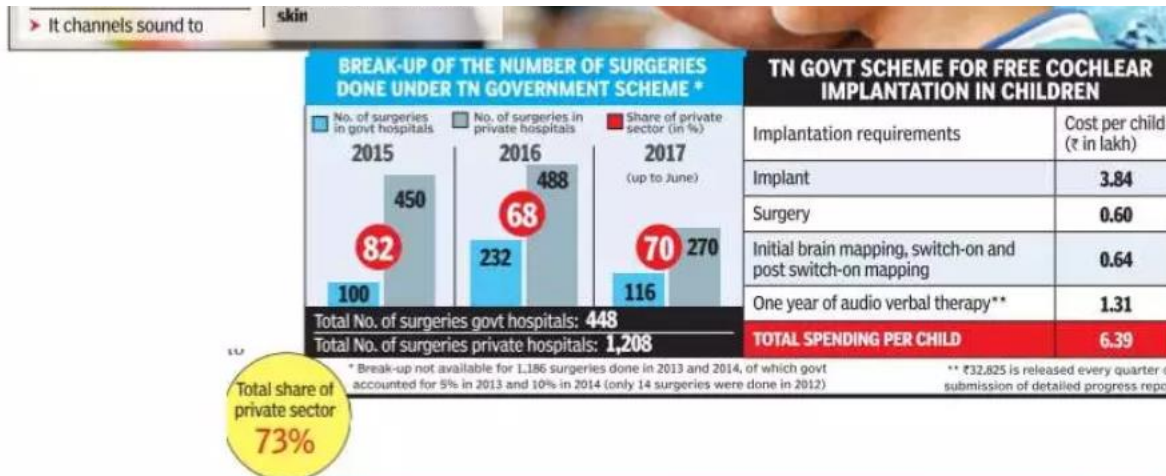
Cochlear implants to be free of cost soon in Delhi: Satyendar Jain

The Delhi government is planning to introduce cochlear implants for free of cost to patients under Delhi Arogya Kosh scheme, said Delhi Health Minister Satyendar Jain on Thursday.



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Keep options

- Policies vary, governments change, officials change
- Family is not a stakeholder
 - Choice of implant
 - Commitment
 - Ability to maintain the device
- Interference – bureaucracy
- Priorities for spending – malnutrition, HIV

Challenges - Sustainability

Maintenance – Repair of processors, cost of travelling

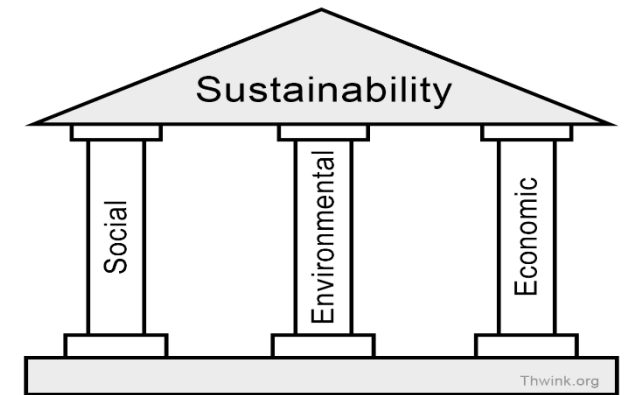
Accessories

Upgrades – Mandatory or selective

Implant reliability issues – paediatric programme

Revision surgery

NON USERS



Solutions

Government funded – Property of the government

Health insurance

Dialogues with Government officials



The biggest mistake that you can make is to believe that you are working for somebody else...The driving force must come from within you.

Conclusion

India is a giant which was late in waking up to the reality of cochlear implantation

However a full spectrum of hearing solutions is now available in the Indian subcontinent

Despite several challenges, cochlear implantation in India is a success story