

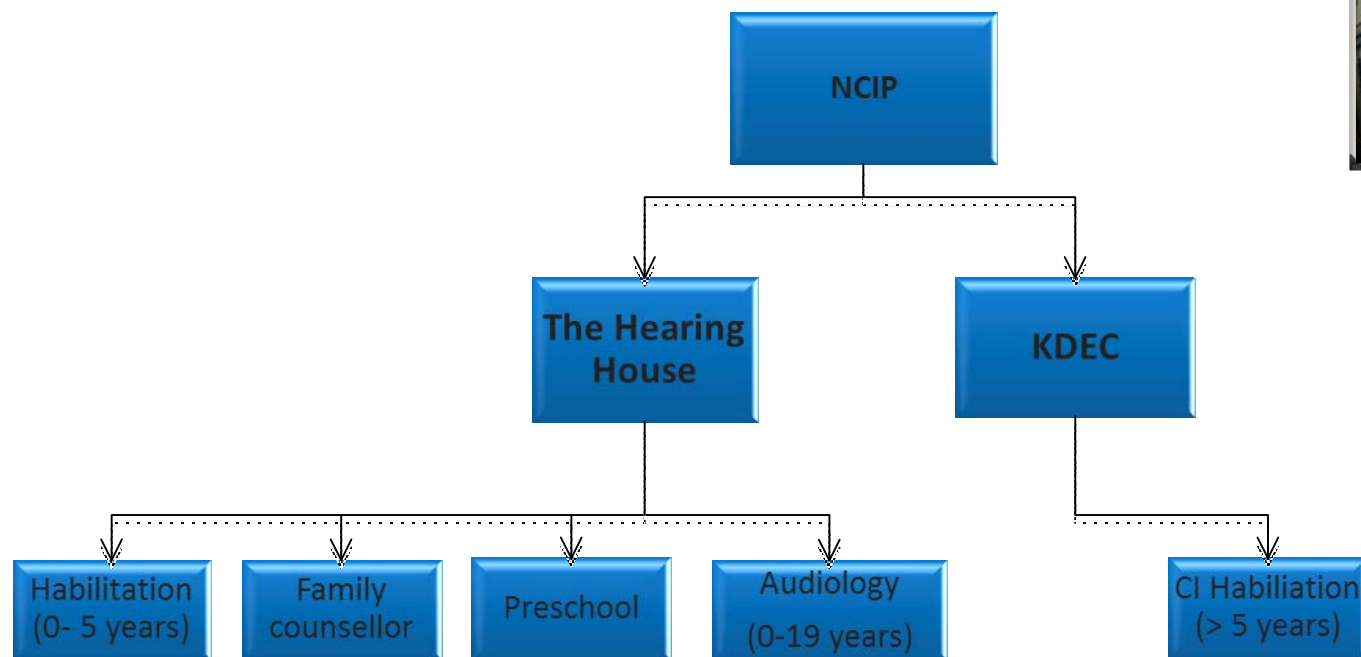
# Adapting a coordinated early intervention service to best support the families of babies screened under UNHS – a New Zealand perspective



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The Hearing House,  
Northern Cochlear Implant Programme

# Our services



## Numbers from NCIP (NZ)

Year Ending	Referred to THH/NCIP	Received CI
2005	3	0
2006	0	3
2007	2	1
2008	2	3
2009	1	1
2010	2	1
2011	3	1
2012	11	4
2013	1	4



## Numbers from NCIP (NZ)



- Prior to screening, the mean age at implantation = 2.85 years (~2 years, 10 months)
- Mean age at implantation = 1.24 years (~14 months)
- 2/3 of the 18 children have additional disabilities/needs
- 5 children have been identified with ANSD



## Bilateral vs Unilateral



Of the 18 children who have received a cochlear implant:

39% Bilateral CI

61% unilateral CI

Of all the children who received bilateral CIs,  
100% were implanted simultaneously



# Challenges

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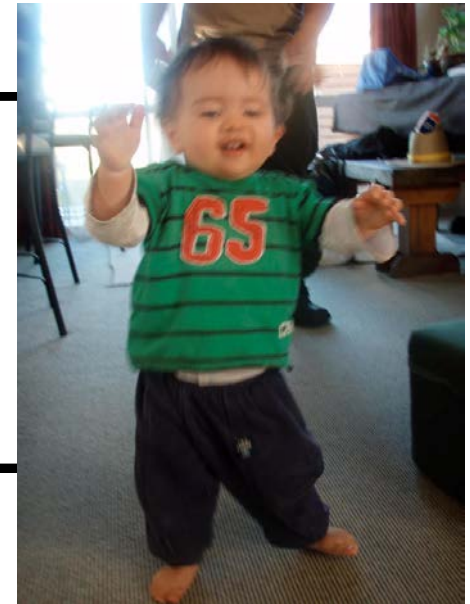


## Around the family setting

- n Meeting the families' emotional needs
- n Families' learning journeys
- n Time management of appointments

# Challenges

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## Around the Clinical setting

- n Keeping devices on
- n Adapting the assessment protocol and therapy sessions
- n Providing a range of support and education
- n Children with multiple needs and ANSD



# Hearing Aid and CI Retention



Critter clips



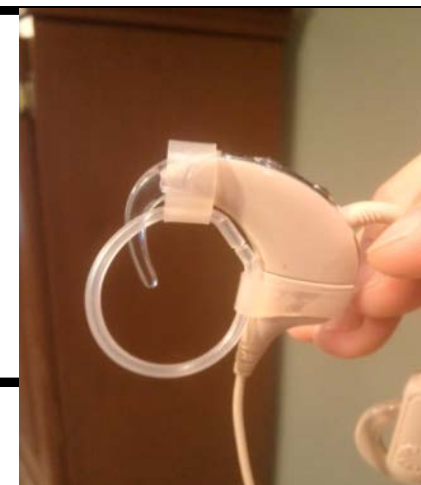
Pilot caps



Ear moulds



Headbands



Litewear cable  
and Snugfit





# Audiology and Habilitation Sessions



## Audiology

- nDiagnostic ABR thresholds and Click ABR responses
- nImmittance tests
- nDPOAEs
- nParental questionnaires
- nHearing aid trial
- nBehavioural testing with either BOA and/or VRA
- nAided versus unaided Cortical Auditory Evoked Potentials

## Habilitation

- nParent education
- nRossetti
- nIMP
- nE-LAP
- nRate of progress checklists
- nBaby's communication
- nSuprasegmentals
- nKeep talking
- nPhrases for daily routines
- nTHH/skype/home visits

## Supporting Families



- n Parent engagement with service/relationship building – encouraging parent motivation
- n Peer support
- n Coordinating the service approach
- n Family Readiness – family counsellor
- n Focus Programme – providing wraparound services

## Baby Workshop



Hope – meet other families,  
better understanding of  
hearing loss, what the future  
looks like

Audiology, habilitation, family  
support workshops

2 days in Feb 2013

## Baby Workshop

Hands-on communication and  
singing workshops

Accommodation provided

Childcare provided

## Baby Workshop Feedback



- n 4/5 families thought that the Baby Workshop assisted them in becoming more connected with other parents
- n 4/5 families thought that the Baby Workshop gave them a better understanding of what might be involved with their babies' hearing journeys
- n 5/5 families were either very likely or likely to recommend the workshop to other families

## A coordinated family approach



- n More awareness of the families' emotional journeys
- n Regular Baby Workshops and booster programmes
- n Tailored events
- n Flexibility in working with the families
- n Collaborating with other family support organisations and service providers

Questions?

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