CNMI Early Hearing Detection & Intervention Program

Here are a few snapshots that reassure us that we are making a difference...
Newborn hearing screening is a standard of care—all babies born in the CNMI receive a screening before hospital discharge.
Diagnostic testing is completed within 3 months of age.
All infants identified with hearing loss are eligible for early intervention services and can receive amplification at no cost to the family.
Our education campaign has increased awareness throughout the community. Families and physicians are familiar and knowledgeable about the newborn screening program.
Educational Campaign & Loss to Follow Up

Best Media Source Recommended by Parents

- Brochure
- Newspaper
- Radio
- Poster
- TV

Percentage of Families That Heard About the EHDI Program Prior to Giving Birth

- Jan-June 2008: 10%
- July-Dec 2008: 94%
- 2009: 96%
- 2010: 92%

Percentage of Infants Lost to Follow Up

- 2007: 41%
- 2008: 23%
- 2009: 17%
- 2010: 10%

Where Families Learned About the EHDI Program

- Prenatal Visit: 19%
- Time of Birth: 8%
- Family/Friends: 8%
- Advertisement: 5%
- Immunization Card: 60%
Parent / Professional Involvement

Working together to form a Hands & Voices of the Pacific
The future of tomorrow holds great promise...
Screening Data for 2009

1,111 Total Births

98% were screened for hearing loss (1,090 infants)
  7 died/declined & 14 were missed

95% were screened by 1 month of age (1036 infants)
Diagnostic Data for 2009

14 infants received diagnostic testing

5 children were diagnosed with hearing loss

- 2 infants with sensorineural loss
- 1 infant with conductive bilateral atresia
- 2 infants with conductive loss

Average diagnostic age was 1 month 3 weeks
Early Intervention Data for 2009

EI Services
4 infants are receiving early intervention
1 infant relocated off island

Average age receiving EI was 1 month 2 week

Amplification
3 were recommended for amplification
All infants received amplification
Provisional Screening Data for 2010

1,064 Total Births

98% were screened for hearing loss (1,043 infants)

4 died/declined & 10 were missed
Provisional Diagnostic Data for 2010

11 infants received diagnostic testing

2 children were diagnosed with hearing loss
  • 1 infant with sensorineural loss
  • 4 infants with conductive loss / being monitored

Average diagnostic age was 1 month 1 week
Goals for 2011

• Reduce Refer Rate from the Nursery

• Link with Vital Record / Hospital Database and other program like Immunization / WIC

• Connecting with PCP’s for NICU babies that are sent off island

• Get parent input on educational campaign and make changes per their recommendations

• Work to establish a system to track infants with high risks
CNMI
Newborn Hearing Screening Program

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