Quality Control Early Intervention in South Africa

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More than 90% of est 718 000 infants born annually with hearing loss reside in developing countries (25% in Sub-Saharan Africa)

17 babies per day are born with hearing loss in South Africa

More than 90% of children in South Africa born with hearing loss don’t have the prospect of early identification .... What of early intervention?
What is HI-HOPES?

AN EARLY INTERVENTION PROGRAM:

- Partnering with families
- Weekly home-based visits (appr. 1 hour)
- Information & empowerment (informed choice)
- Unbiased
- Active involvement in decision-making process
- Multidisciplinary approach
Provinces of South Africa

Provinces of South Africa

- Gauteng
- KZN
- Western Cape
- Northern Cape
- Eastern Cape

- Cape Town
- Port Elizabeth
- East London
## Comparison of Referral Sources

### Referral Sources In Year 1

<table>
<thead>
<tr>
<th>Source</th>
<th>Number</th>
<th>Percent</th>
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<tbody>
<tr>
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<td>56</td>
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<tr>
<td>Word of Mouth</td>
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<td>13</td>
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<tr>
<td>Media</td>
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<td>9</td>
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### Referral Sources in Year 2

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## DEMOGRAPHIC INFORMATION

### YEAR 1

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<th>GENDER</th>
<th>Number</th>
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<td>47</td>
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<td>Male</td>
<td>17</td>
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<td>66</td>
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<tr>
<td>Asian</td>
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### YEAR 2

<table>
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<td>56</td>
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<tr>
<td>Male</td>
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<tr>
<td>Asian</td>
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Ensuring a Quality Program

SETTING UP QUALITY ASSURANCE MECHANISMS FOR:

- Knowledge & Theoretical Foundations
- Direct Services
- Assessment
- Management
- Research
Home-Base Early Intervention (0-3 years) is a new concept in South Africa.

- Began in September 2006
- Excellent Program – SKI-HI
- One USA SKI-HI National Trainer & One SA Cultural Facilitator (to date 5PA & 3 DM trainings)
- Continual Education
Quality Control – Direct Service

SETTING UP A PROFESSIONAL MENTORING PRGM

- Began February, 2008 with one Mentor
- Two Mentors provided training in September, 2008 and just completed the last Mentoring session February/March 2009
- Both Mentors are SKI-HI National Trainers who each have 18 or more years of experience as Parent Advisors and supervisors
Quality Control - Assessment

Assessment is not a part of the current educational system of South Africa:

- SKI-HI Language Development Scale: Receptive & Expressive Language (LDS)
- Bailey – Overall Assessment
- DAYC – Overall Assessment
Quality Control - Management

- Getting Systems Into Place - Private/Public
- Developing an Administrative Team
- Provincial Coordinators
- National Coordinator
Quality Control - Research

- Qualitative and Quantitative Data
- Longitudinal and Short Term
- Focus on Parent Satisfaction, Child Development, Child and Family Outcomes
- Screening Research (for national statistics using database system)
- Co-University Collaboration – University of Pretoria
  University of the Witwatersrand, Johannesburg
Quality Standards for Early Intervention Programs

- Highly Qualified Early Interventionists
- Consistent Assessment Protocol – Programmatic Research
- Unbiased Representation of ALL Communication Options
- Empowered Parents
- Good Audiological Support
- Services that Address the Needs of Children with All Degrees of Hearing Loss
Quality Standards for Early Intervention Programs

- Weekly, Home-Based Services that are Family-Centered
- Strong Partnerships with Parents
- High Expectations with Evidence to Support it
- Deaf/HH Adults Involved
- Ongoing Training
- One-On-One Mentoring of New and Experienced Early Interventionists
Three to Five Year Plan

- Formalize Systems in South Africa in Terms of Early Hearing Detection and Intervention
- Consistent and Intensive Local Mentoring to include Kwa-Zulu Natal and the Western Cape
- Expand Services to two additional Provinces
- Translate SKI-HI Materials (Visuals & Language Development Scale) into Four Languages
  - isiZulu
  - isiXhosa
  - SeSotho
  - Afrikaans
Five - Ten Year Plan

- Establish a National E.I. Program
- Set formal Mentoring & Continual Quality Control Mechanisms in Place
- Establish National Benchmarks for Early Intervention
- Deaf Babies with Typical Language Development, Typical Opportunities, and Typical Outcomes