

Quality Control Early Intervention in South Africa

Dr Claudine Storbeck
Wits Centre for Deaf Studies

Dr. Paula Pittman
SKI-HI Institute
Utah State University



Current context

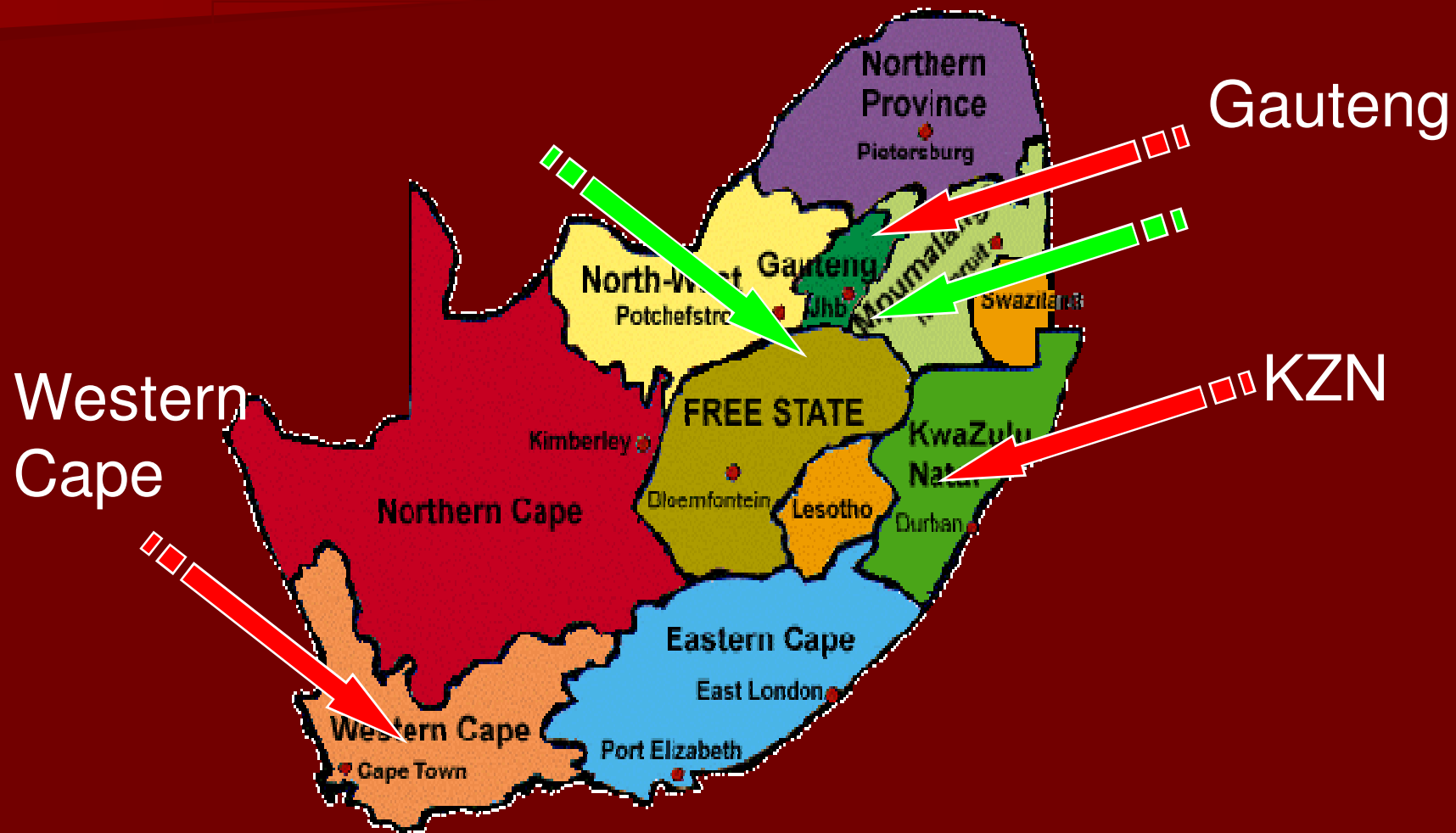
- More than 90% of est 718 000 infants born annually with h/loss reside in developing countries (25% in Sub-Saharan Africa)
- 17 babies per day are born with hearing loss in South Africa
- More than 90% of children in South Africa born with hearing loss don't have the prospect of early identification What of early intervention?

What is HI-HOPES?

AN EARLY INTERVENTION PROGRAM:

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

Provinces of South Africa



HI HOPES

National Director
Dr C Storbec

HI HOPES
Western Cape
Pilot

HI HOPES
Gauteng

HI HOPES
Natal
Pilot

Coordinator

Early Intervention

Research

Administratio

Coordinator

18 Parent Advis

48 Parent Advis
24 Deaf Ment

Research

Psychometr

6 Parent Advis
1 Deaf Ment

Comparison of Referral Sources

Referral Sources In Year 1

	NUMBER	PERCENT
Hospital (Public)	18	56
Hospital (Private)	1	3
Private Audiologists	6	19
Word of Mouth	4	13
Media	3	9
Unknown		

Referral Sources in Year 2

	NUMBER	PERCENT
Hospital (Public)	29	60
Hospital (Private)	0	0
Private Audiologists	8	17
Word of Mouth	9	19
Media	0	0
Unknown	2	4

DEMOGRAPHIC INFORMATION

YEAR 1

	Number	Percent
GENDER		
Female	15	47
Male	17	53
RACE		
Black	21	66
White	7	22
Mixed race	3	9
Asian	1	3

YEAR 2

	Number	Percent
GENDER		
Female	27	56
Male	21	44
RACE		
Black	32	67
White	10	21
Mixed race	2	4
Asian	4	8

Ensuring a Quality Program

SETTING UP QUALITY ASSURANCE MECHANISMS FOR:

- Knowledge & Theoretical Foundations
- Direct Services
- Assessment
- Management
- Research

Quality Control – Knowledge & Theoretical Foundations

Home-Base Early Intervention (0-3years) 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