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Appendix A

University of Pretoria

Research Proposal and Ethics Committee
Faculty of Humanities

6 September 2004

Dear Mr Swanepoel

Project:	***The clinical value of the Auditory Steady State Response (ASSR) for early diagnosis and amplification for infants (0-8 months) with hearing loss***
Researcher:	**D Stroebel**
Supervisor:	**DCD Swanepoel**
Department:	**Communication Pathology**
Reference number:	**85243435**

Thank you for the application you submitted to the Research Proposal and Ethics Committee, Faculty of Humanities.

I have pleasure in informing you that the Research Proposal and Ethics Committee formally approved the above study on 26 August 2004.

The committee requests you to convey this approval to Mrs Stroebel.

We wish you success with the project.

Sincerely

Prof Brenda Louw.
Chair: Research Proposal and Ethics Committee
Faculty of Humanities
UNIVERSITY OF PRETORIA

Appendix B

Researcher: Deidré Stroebel
Tel: 021 930 3136

21 July 2004

To Whom It May Concern:

Proposed research project:
The clinical Application of ASSR in the Diagnosis and fitting of Hearing Aids in Infants (0 – 8 months)

Thank you for considering for your child to be part of this research project. The positive results of early identification of hearing loss in infants on different aspects of their development are well known. Different methods are used to obtain information about infants' hearing status. These methods differ from the techniques used on adults. As technology improves, new methods become available that shows a lot of promise in the field of pediatric audiology.

I am currently planning a research study in this regard as part of the requirements for a master's degree at the University of Pretoria. The proposed project involves determining the clinical value of Auditory Steady State Responses (ASSR) as a way to predict hearing thresholds, and to evaluate hearing aids in young infants. The results from the hearing assessments will be monitored and compared with the results of two clinically proven procedures, frequently used to determine hearing thresholds, namely the Auditory Brainstem Response (ABR) and Pure tone Audiometry, for a period of time. The study will be conducted under the supervision of personnel at the Department of Communication Pathology.
Procedures currently included in the standard test protocol used to assess infants in my private practice, involve the following:

- The diagnostic session – including ABR and ASSR.
- Measuring the gain from hearing aids through ASSR
- Behavioral testing after the age of 6 months.

As a client of this practice these procedures will also be used to evaluate and monitor your baby's hearing. All of the above procedures are non-invasive, no pain is involved and the ABR and ASSR procedures are normally done while the baby is sleeping. If sedation should be needed, this will be done in consultation with a pediatrician and with the necessary medical supervision. No additional costs will be charged for the Auditory Steady State Response test, as the value of this test is still being researched.

I would like to request your consent for your baby's participation; permission to use the results of your baby's routine hearing tests; as well as permission to use information from your baby's records for this research project. You have my assurance that no unnecessary tests will be done. You may also withdraw your child from the study at any time.

Myself, my supervisor, Mr. De Wet Swanepoel, or Prof. B. Louw, head of the Department of Communication Pathology at the University of Pretoria may be contacted, should you need any further information.

Thank you for your assistance.

Deidré Stroebel
Researcher

Mr. De Wet Swanepoel
Supervisor

Prof. B. Louw
HEAD: Department of Communication Pathology

Surname: _____ Name: _____

I have read the letter of information regarding Mrs. D. Stroebel's proposed research study.

I understand what is involved and give permission that the test results of my child _____ may be used.

_____ _____

Signature Date

Appendix C

DATA RECORDING SHEET

Subject: _____

ABR	
Tone Burst	Click

Date: Age at time of assessment:

ASSR				
	500 Hz	1000 Hz	2000 Hz	4000 Hz
Unaided Measured				
Unaided Predicted				
Aided Measured				
Unaided Predicted				

Date (unaided): Age at time of assessment:
Date (aided): Age at time of assessment:

Behavioral thresholds				
	500 Hz	1000 Hz	2000 Hz	4000 Hz
Unaided BT				
Aided BT				

Date (unaided): Age at time of assessment:
Date (aided): Age at time of assessment: