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Information Statement

IMPlications for early intervention: The e-IMP Online

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An Invitation

The number of professionals registering for Infant Monitor of vocal Production (IMP) training has been growing rapidly in recent years. Colleagues practising in Australia, USA, UK, Canada, New Zealand and Europe are now using the IMP to support programs of early intervention for infants with hearing loss and/or at risk for speech delay.

The next phase of IMP research will examine this culturally heterogeneous data and you are invited to share your experiences and results using the interactive e-IMP Online assessment instrument as part of the established IMP Project being conducted by Dr Robyn Cantle Moore, Lecturer and Researcher, NextSense Institute, Macquarie University, Australia.

Why is this research being done?

The IMP examines audition-led changes in an infant's vocal productions. The purpose of the e-IMP Online is to enable wider professional access to the IMP assessment instrument and to provide ease of use. The de-identified data gathered via e-IMP Online will assist further evaluation of the role IMP assessment can play in both parent education and clinical monitoring of any irregularities in auditory experience or process – birth to 12 months of Hearing Age – that have the potential to frustrate an infant's speech development (e.g., Auditory Neuropathy Spectrum Disorder (ANSO); environmental inconsistency of opportunity; oro-motor challenges to speech production; developmental concerns not related to hearing status).

Who can participate in this research?

Any professional who has completed the introductory e-IMP Online training and proceeds to e-IMP Online assessment use can participate in this research. No inclusion or exclusion criteria exist regarding your e-IMP Online infant clients.

In addition, please note that, in accordance with standards of professional ethics, no parent should be disadvantaged in any way as a consequence of a decision not to allow their baby to be included in e-IMP Online data collection.

What choices do you have?

Participation in e-IMP Online use and data collection is entirely up to you. If you decide to participate, you may withdraw from e-IMP Online use at any time, and if you desire to do so, you can manually delete your client data using your unique username and login key.

What are you asked to do?

1. We require that you give a copy of the Client Information Statement to all parents who use the e-IMP Online in conversation with you, and that you follow your employer/agency's protocol to gain parent consent to share the de-identified e-IMP Online assessment data.
2. A link to the short online parent questionnaire *My IMP Experience* will be automatically activated when you add sequential IMP assessment data to a subject-ID code. This link will appear on the e-IMP Online Parent Report and will be active on any email copy of the Parent Report. We ask that you invite parents to complete the *My IMP Experience* document online. Their anonymous responses will automatically enter into a research database.
3. A link to the *Professional Use Questionnaire* will be automatically activated when you have established a number of subject-ID codes on e-IMP Online. You will be asked to complete the short online questionnaire and your anonymous responses will automatically enter into a research database.

How much time will it take?

The e-IMP Online is easier to use and more time efficient than the paper version of IMP assessment. The e-IMP Online automatically tallies question scores and collates infant production examples entered during your IMP assessment conversation with the parent. The parent *My IMP Experience* and the *Professional Use Questionnaire* are both simple one page surveys that will take less than 10 minutes to complete.

What are the risks and benefits of participating?

There are no risks to participants or contributors associated with this research, nor any immediate benefits. However, the cumulative data arising from e-IMP Online have the potential to further describe, refine and define the authenticity of the Infant Monitor of vocal Production (IMP) as an educational strategy and assessment

instrument which will permit you, in partnership with parents, to monitor the veracity of an infant's auditory-vocal progress toward speech.

How will your privacy be protected?

All information will be de-identified and coded on entry to the database. It will not be possible to identify any participant or contributor from scores or numerical code in the database. The link between identity and subject-ID code will be known only to you, the professional source of e-IMP Online data. The complete database will be accessible only to Dr Robyn Cantle Moore, the chief investigator. The data will be securely archived.

How will the information collected be used?

Academic papers reporting the collective results of this research project will be submitted to appropriate journals and conferences. Details of publication and presentation will be made available via your e-IMP Online login. In addition, a summary of research findings will be made public through updates on the NextSense Institute website: www.nextsense.org.au/professional-development/research/infant-monitor-of-vocal-production-imp Alternately, participants are free to send an email request for further information about the study to the Chief Investigator, Dr Robyn Cantle Moore robyn.moore@nextsense.org.au at any time.

Thank you for considering this invitation. If you would like to participate in this phase of the IMP Project please confirm your intent by completing the following Consent Statement.



Dr Robyn Cantle Moore

Lecturer / Researcher

NextSense Institute

Operated by NextSense in affiliation with Macquarie University, Australia.

Consent Statement

Please click on all appropriate boxes.

- YES** I have read the Information Statement and understand its contents. I understand that the project will be conducted as described.
- YES** I understand that I can withdraw from the project at any time and do not have to give any reason for withdrawing.
- YES** I understand that my identity will remain unknown to the researcher *except where I initiate contact via email*.
- YES** I have had the opportunity to have questions answered to my satisfaction.
- YES** I want to participate in **IMplications for early intervention: The e-IMP Online**.

Complaints about this research

This project has been approved by the University's Human Research Ethics Committee, Approval No. *****. Should you have concerns about your rights as a participant in this research, or you have a complaint about the manner in which the research is being conducted, it may be forwarded to the researcher, or if an independent person is preferred, to the Human Ethics Officer, Research Office: ethics.secretariat@mq.edu.au