



Evidence in the Field of Communication Pathology

Tuesday 7 August 2012



Presented by

PROF DR EDWIN MAAS,

Department of Speech, Language and Hearing Science

University of Arizona

Organised by

Department of Communication Pathology

(University of Pretoria)





PROGRAMME

7:45 – 8:30	Registration
8:30 – 8:35	Welcome <i>Prof Dr Bart Vinck,</i> <i>Head of Department Communication Pathology, UP</i>
8:35 – 9:00	Terminology: Outcomes, Effects, Efficacy, Effectiveness, Efficiency, Evidence-based Practice, Best Practice <i>Prof Dr Edwin Maas,</i> <i>Department of Speech, Language and Hearing Science, University of Arizona</i>
9:00 – 9:30	“Not all evidence is created equal”: Five Phase Outcomes Research <i>Prof Dr Edwin Maas,</i> <i>Department of Speech, Language and Hearing Science, University of Arizona</i>
9:30 – 9:45	Questions & Answers
9:45 – 10:15	Tea/Coffee Break
10:15 – 11:00	How to Evaluate and Rate Evidence? <i>Prof Dr Edwin Maas,</i> <i>Department of Speech, Language and Hearing Science, University of Arizona</i>
11:00 – 12:00	Ethics and Evidence <i>Prof Dr Edwin Maas,</i> <i>Department of Speech, Language and Hearing Science, University of Arizona</i>
12:00 – 12:45	Lunch
12:45 – 13:10	Planning Intervention: What to consider? <i>Prof Dr Edwin Maas,</i> <i>Department of Speech, Language and Hearing Science, University of Arizona</i>
13:10 – 13: 45	How to treat and do Research: Single-Subject Experimental Designs <i>Prof Dr Edwin Maas,</i> <i>Department of Speech, Language and Hearing Science, University of Arizona</i>
13:45	Questions & Answers / Closure





COURSE BROCHURE

Brief Description

Evidence-based practice is an accepted principle in the fields of Speech-Language Pathology, Audiology, Medicine, and multiple other professions involved in intervention. This course will provide the necessary background on what evidence entails, how to peruse the literature for evidence, types of evidence, how to collect evidence, and ethical issues regarding evidence-based practice and research

Outline of Course Content

- *Defining key concepts like outcomes, efficacy, and effectiveness;*
- *Explanation of the nature of evidence (levels of evidence);*
- *How to plan treatment and consider evidence;*
- *How to do research in this field;*
- *Consideration of ethical matters in evidence-based practice*

Course Outcomes

After completion of this course the attendants should be able to:

- *Explain important concepts related to evidence-based practice*
- *Identify strengths and weaknesses of a range of clinical research designs in order to critically evaluate the quality of evidence;*
- *Plan and implement controlled treatment studies*

Who should attend the Course?

Professionals and students in the fields of Speech-Language Pathology, Audiology, Occupational Therapy, Physiotherapy, and any other professional involved in intervention.

Admission Requirements

Qualified professionals and students registered with the Health Professions Council of South Africa.

Course Structure and Venue

*This is a half day course presented at the **Department of Communication Pathology**, University of Pretoria Main Campus.*

Parking is available at the UP Parkade for R20.

Assessment and Accreditation

A certificate of attendance with 5 CPD points (2 Ethics) will be issued to all delegates.

Course Fee

The course fee is R450 per delegate and includes all course notes, lunch and refreshments.

*The course fee for early registration - **before 16 JULY 2012** - is R390.*





Registration and Enquiries

<p>Course Coordinator: Nathalie Van Waeyenberge Fax: +27(0)86 216 9015 – Cell: +27(0)83 320 9421 Email: Nathalie.VanWaeyenberge@gmail.com</p>	<p>Course Leader & Host Prof Anita van der Merwe E-mail: anita.vandermerwe@up.ac.za</p>
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PROFESSOR DR EDWIN MAAS

*Department of Speech, Language and Hearing Science
University of Arizona*



Brief Bio-Sketch

Edwin Maas, Ph.D., is an Assistant Professor in the Department of Speech, Language, and Hearing Sciences at the University of Arizona. After receiving his Master's degree in Neurolinguistics from the University of Groningen (The Netherlands) and working as a clinical linguist in an outpatient rehabilitation setting, he earned a doctoral degree in Language and Communicative Disorders at San Diego State University and the University of California, San Diego. His dissertation focused on the nature of speech motor programming deficits in apraxia of speech. In addition, he has conducted a number of treatment studies for apraxia of speech. After his doctoral studies, he completed postdoctoral training at Boston University and the Massachusetts Institute of Technology.

His research focuses both on the basic science of speech production and on clinical research relevant to neurogenic and childhood speech and language disorders, including treatment research. His research has been funded by NIH-NIDCD, the American Speech-Language-Hearing Foundation, and the Childhood Apraxia of Speech Association of North America. He currently serves on the Academy of Neurologic Communication Disorders and Sciences committee on Practice Guidelines for Treatment for Acquired Apraxia of Speech, and is Grant Review Panel Chairperson for the Childhood Apraxia of Speech Association of North America.





Recent Publications by Dr Maas

1. Maas, E., Butalla, C.E., & Farinella, K.A. (in press). Feedback frequency in treatment for childhood apraxia of speech. *American Journal of Speech-Language Pathology*.
2. Maas, E., & Farinella, K.A. (2012). Random versus blocked practice in treatment for childhood apraxia of speech. *Journal of Speech, Language, and Hearing Research*, 55, 561-578.
3. Ghosh, S.S., Matthies, M.L., Maas, E., Hanson, A., Tiede, M., Ménard, L., Guenther, F.H., Lane, H., & Perkell, J.S. (2010). An investigation of the relation between sibilant production and somatosensory and auditory acuity. *Journal of the Acoustical Society of America*, 128 (5), 3079-3087.
4. Austermann Hula, S.N., Robin, D.A., Maas, E., Ballard, K.J., & Schmidt, R.A. (2008). Effects of feedback frequency and timing on acquisition, retention, and transfer of speech skills in acquired apraxia of speech. *Journal of Speech, Language, and Hearing Research*, 51 (5), 1088-1113.
5. Maas, E., Robin, D.A., Wright, D.L., & Ballard, K.J. (2008). Motor programming in apraxia of speech. *Brain and Language*, 106, 107-118.
6. Maas, E., Robin, D.A., Austermann Hula, S.N., Freedman, S.E., Wulf, G., Ballard, K.J., & Schmidt, R.A. (2008). Principles of motor learning in treatment of motor speech disorders. *American Journal of Speech-Language Pathology*, 17, 277-298. (Received Editor's Award for 2008).
7. Ballard, K.J., Maas, E., & Robin, D.A. (2007). Treating control of voicing in apraxia of speech with variable practice. *Aphasiology*, 21 (12), 1195-1217.
8. Freedman, S.E., Maas, E., Caligiuri, M.P., Wulf, G., & Robin, D.A. (2007). Internal vs. external: Oral-motor performance as a function of attentional focus. *Journal of Speech, Language, and Hearing Research*, 50 (1), 131-136.
9. Love, T., Maas, E., & Swinney, D. (2003). The influence of language exposure on lexical and syntactic language processing. *Experimental Psychology*, 50 (3), 204-216.
10. Bastiaanse, R., Edwards, S., Maas, E., & Rispens, J. (2003). Assessing comprehension and production of verbs and sentences: The Verb and Sentence Test (VAST). *Aphasiology*, 17 (1), 49-73.
11. Maas, E., Barlow, J., Robin, D., & Shapiro, L. (2002). Treatment of sound errors in aphasia and apraxia of speech: Effects of phonological complexity. *Aphasiology*, 16 (4/5/6), 609-622.

