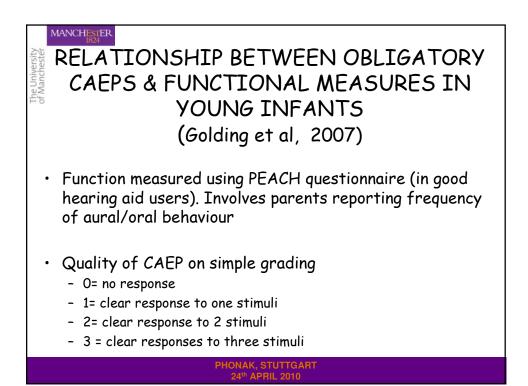
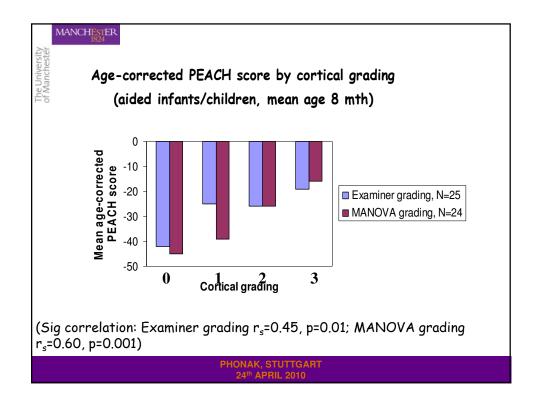


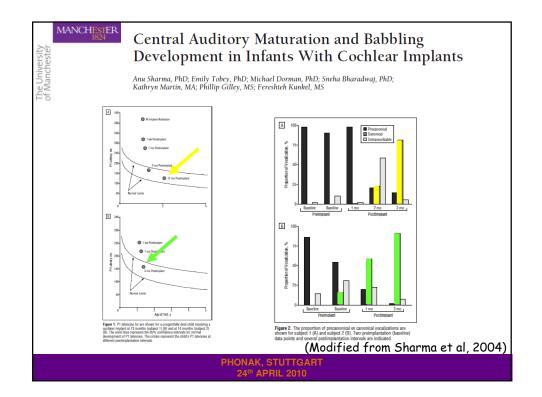
DETECTION OF CAEP (Automated Hotelling T ² analysis)								
		/m/	/t/	/g/				
		Normal	·					
	75 dB SPL	24 (100%)	23 (96%)	23 (96%)				
	65 dB SPL	24 (100%)	23 (96%)	24 (100%)				
	55 dB SPL	23 (96%)	23 (96%)	23 (96%)				
		Simulated						
	75 dB SPL	24 (100%)	24 (100%)	24 (100%)				
	65 dB SPL	21 (88%)	21 (88%)	23 (96%)				
	55 dB SPL	16 (67%)	12 (50%)	18 (75%)				
PHONAK, STUTTGART 24 th APRIL 2010								

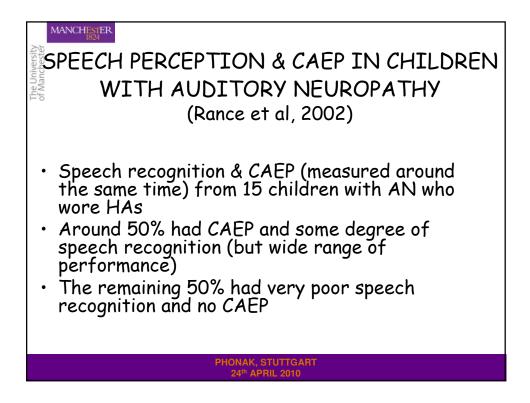
MANCHESTER DIFFERENTIATION OF CAEP (Automated MANOVA analysis)							
	/m/ v /t/	/m/ v /g/	/t/ v /g/				
	Normal						
75 dB SPL	18/23 (79%)	14/23 (61%)	3/22 (14%)				
65 dB SPL	18/23 (79%)	14/24 (58%)	3/23 (14%)				
55 dB SPL	16/23 (69%)	15/23 (65%)	5/23 (22%)				
	Simulated conductive impairment						
75 dB SPL	8/24 (33%)	13/24 (54%)	5/24 (21%)				
65 dB SPL	7/20 (35%)	14/20 (70%)	11/21 (52%)				
55 dB SPL	4/11 (11%)	8/14 (60%)	5/11 (46%)				
	PHONAK, S	STUTTGART					

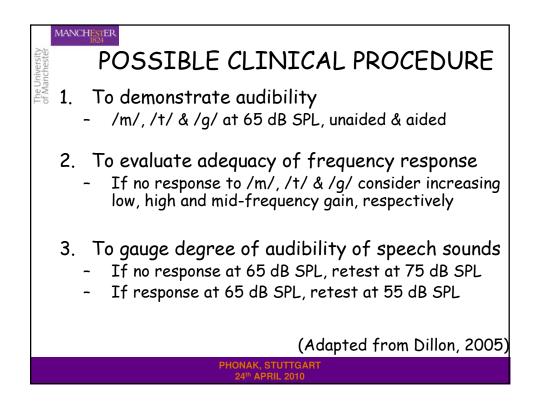
EVIDENCE SUPPORTING LINK BETWEEN CAEPS & PERFORMANCE 1. hearing aids 2. cochlear implants 3. auditory neuropathy 4. listening training 5. 'central deafness'

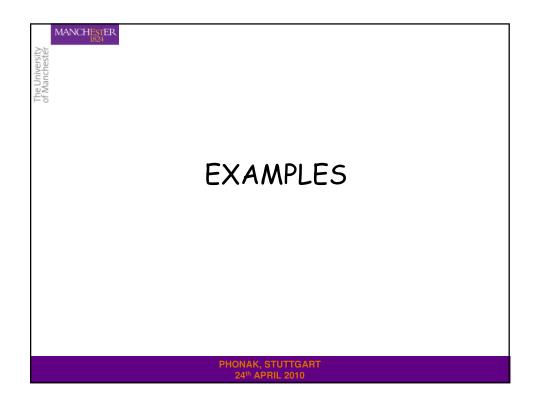


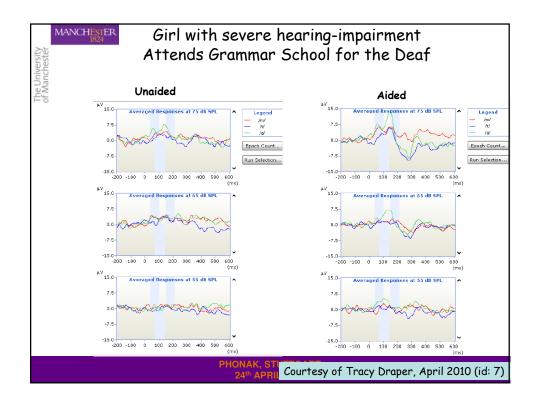


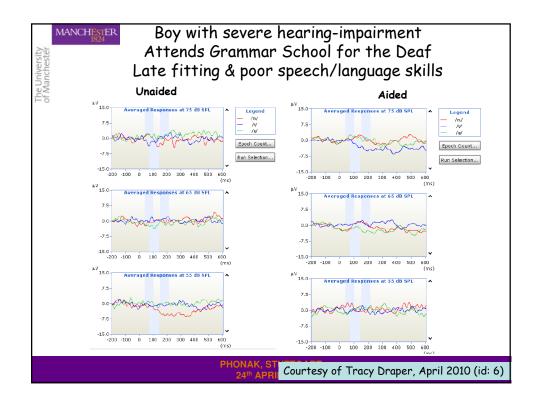












iiversity ichester	MANCHESTER Male age 14 years CHARGE syndrome: severe LD & visual impairment Tangible reinforcement audiometry: ca 80 dB HL ?? unaided, 60 dB HL?? aided								
		/m/	/g/	/†/					
	Unaided	RESPONSE	NO	NO					
		[Used info to reduce low frequency gain]	RESPONSE	RESPONSE					
	Aided	RESPONSE	RESPONSE	RESPONSE					
	Courtesy of Vanessa Salisbury, Feb' 2010								
	PHONAK, STUTTGART 24 th APRIL 2010								

