

## Articles included in the CAT : Computer therapy

Article	Independent	Intensity/Frequency	Concurrent Therapy	Target & Software used
Cherney, L.R., Halper, A.S. (2008). Novel technology for treating with aphasia and concomitant cognitive deficits. <i>Topics in Stroke Rehabilitation</i> , 15, 542-554.	Weekly review with SP. Independent home practice	Minimum 30 mins daily	Not clearly indicated	Script training  AphasiaScripts
Cherney, L. R., Halper, A. S., Holland, A., & Cole, R. (2008). Computerized script training for aphasia: Preliminary results. <i>American Journal of Speech Language Pathology</i> , 17(1), 19-34.	Weekly review with SP. Independent home practice	Minimum 30 mins daily	Not clearly indicated	Script training  AphasiaScripts
Cherney, L.R. (2010). Oral Reading for language in aphasia (ORLA): evaluating the efficacy of computer-delivered therapy in chronic non-fluent aphasia. <i>Topics in Stroke Rehabilitation</i> , Nov-Dec, 423-431.	Independent in experimental group. SP delivered therapy in the control group	24 hourly sessions total with 1-3 sessions per week	No	Reading ORLA: Oral reading for Language in Aphasia
Lee, J.B., Kaye, R.C., Cherney, L. R. (2009). Conversational script performance in adults with non-fluent aphasia: Treatment intensity and aphasia severity. <i>Aphasiology</i> , 23 (7-8), 885-897.	Weekly review with SP. Independent home practice	Minimum 30 mins daily	Not clearly indicated	Script training  AphasiaScripts

Article	Independent	Intensity/Frequency	Concurrent Therapy	Software and Target
Manheim, L. M., Halper, A. S., & Cherney, L. R. (2009). Patient-reported changes in communication after computer-based script training for aphasia. <i>Archives of Physical and Medical Rehabilitation</i> , 90(4), 623-627.	Weekly review with SP. Independent home practice	Minimum 30 mins daily	No	Script training  AphasiaScripts
Mason, C., Nichels, L., McDonald, B., Moses, M., Makin, K & Taylor, C. (2010). Treatment of word retrieval impairments in aphasia: evaluation of a self- administered home programme using personally chosen words. <i>Aphasiology</i> , 1-24.	Yes	4 sessions/ week.	No	Naming Individually tailored photo and picture slide show
Mortley, J., Wade, J., Enderby, P. (2004). Superhighway to promoting a client-therapist partnership? Using the internet to deliver word-retrieval computer therapy, monitored remotely with minimal speech and language therapy input. <i>Aphasiology</i> , 18, 193-211.	Yes	Intensity not prescribed. Average usage of 2.45 hours/ week.	Not clearly indicated	Auditory processing, reading and spelling.  Step by Step

Article	Independent	Intensity/Frequency	Concurrent Therapy	Target
Pedersen, P., Vinter, K. & Skyhoj Olsen, T. (2001) Improvement of oral naming by unsupervised computerised rehabilitation. <i>Aphasiology</i> , 15 (2), p151-169.	Yes	Intensity not prescribed as software relied upon criterion performance	Not clearly indicated	Semantic, written and phonological tasks  Developed specifically for the study
Ramsberger, G. & Marie, B. (2007). Self administered cued naming therapy: a single –participant investigation of a computer-based therapy program replicated in four cases. <i>American Journal of Speech Language Pathology</i> . 16, 343-358.	First 2 sessions with SP & then individual practice.	High intensity: 5 days /week Low intensity: 2 days/week	No	Naming  Moss Talk

## Articles included in the CAT : Participants and Methodology

Article	Sample Size	Age range	Time post-stroke	Design and Level of Evidence	Outcome Measures	Maintenance
Cherney, L.R., Halper, A.S. (2008). Novel technology for treating with aphasia and concomitant cognitive deficits. <i>Topics in Stroke Rehabilitation</i> , 15, 542-554.	3	50-75	1-4 years	Case series design Level IV	WAB QCL CADL-2 Exit interview	Not assessed
Cherney, L. R., Halper, A. S., Holland, A., & Cole, R. (2008). Computerized script training for aphasia: Preliminary results. <i>American Journal of Speech Language Pathology</i> , 17(1), 19-34.	3	65-78	18-48 months	Case series design Level IV	WAB QCL CADL-2 Exit interview	Not assessed
Cherney, L.R. (2010). Oral Reading for language in aphasia (ORLA): evaluating the efficacy of computer-delivered therapy in chronic non-fluent aphasia. <i>Topics in Stroke Rehabilitation</i> , Nov-Dec, 423-431.	25	35-81	13 months – 253 months	Randomised Control trial Level II	WAB-AQWAB reading and writing subtests Discourse analysis: rate of speech and correct information units produced per minute	Not assessed

Article	Sample Size	Age range	Time post-stroke	Design and Level of Evidence	Outcome Measures	Maintenance
Lee, J.B., Kaye, R.C., Cherney, L. R. (2009). Conversational script performance in adults with non-fluent aphasia: Treatment intensity and aphasia severity. <i>Aphasiology</i> , 23 (7-8), 885-897.	17	31-70	10-273 months	Case series Level IV	WAB-AQ.	Not assessed
Manheim, L. M., Halper, A. S., & Cherney, L. R. (2009). Patient-reported changes in communication after computer-based script training for aphasia. <i>Archives of Physical and Medical Rehabilitation</i> , 90(4), 623-627.	20	26-78	10-238 months	Delayed treatment design Level IV	BOSS: Communication difficulty and Mobility, communication associated psychological distress subtests	6 weeks
Mason, C., Nichels, L., McDonald, B., Moses, M., Makin, K & Taylor, C. (2010). Treatment of word retrieval impairments in aphasia: evaluation of a self- administered home programme using personally chosen words. <i>Aphasiology</i> , 1-24.	3	37-59	5-8 years	Case series design Level IV	Naming accuracy. 10 minute speech sample	3 weeks

Article	Sample Size	Age range	Time post-stroke	Design and Level of Evidence	Outcome Measures	Maintenance
Mortley, J., Wade, J., Enderby, P. (2004). Superhighway to promoting a client-therapist partnership? Using the internet to deliver word-retrieval computer therapy, monitored remotely with minimal speech and language therapy input. <i>Aphasiology</i> , 18, 193-211.	7	53-66	2-12 years	Case series design Level IV	Object and action naming battery, PALPA 47 & 48, exit interview	1 week and 6 weeks
Pendersen, P., Vinter, K. & Skyhoj Olsen, T. (2001) Improvement of oral naming by unsupervised computerised rehabilitation. <i>Aphasiology</i> , 15 (2), p151-169.	3	57-71	6-18 months	Case series design Level IV	WAB-AQ, PALPA S&V naming	2 months
Ramsberger, G. & Marie, B. (2007). Self administered cued naming therapy: a single – participant investigation of a computer-based therapy program replicated in four cases. <i>American Journal of Speech Language Pathology</i> . 16, 343-358.	4	63-74	6 months – 6 years	Case series design Level IV	WAB BNT	1 month

