



Aviah Gvion, Associate Professor., S.L.T

June 24th, 2023**CURRICULUM VITAE****1. HIGHER EDUCATION**

Period of Study	Name of University	Subject	Degree
2002-2007	Tel Aviv University	School of Education	Ph.D.
1988-1994	Tel Aviv University	Speech and Hearing Disorders	M.A. (<i>cum laude</i>)
1982-1985	Tel Aviv University	Speech and Hearing Disorders	B.A.

Title of Doctoral Dissertation:

"The role of phonological working memory in sentence comprehension: Evidence from aphasia"

Advisor: Prof. Naama Friedmann

2. ACADEMIC EXPERIENCE

Period	Name of Institution	Rank
2023 (February)	Ono Academic College	Associate professor
2012 – present	Ono Academic College	Senior Lecturer
2010 – 2012	Ono Academic College	Lecturer
2010 – present	Tel Aviv University, Sackler Faculty of Medicine, the Stanley Steyer School of Health Professions, Communication Disorders	Adjunct Lecturer
2000 – present	Tel Aviv University, Sackler Faculty of Medicine, continuing studies for rehabilitation Physicians	Adjunct Lecturer
2016 – 2020	ARC Centre of Excellence in Cognition and its Disorders, Macquarie University, Australia	Associate Investigator
2002 – 2020	Tel Aviv University, School of Education	Adjunct Lecturer
2007 – 2008	Bar Ilan University, English Department	Adjunct Lecturer

3. OFFICES IN ACADEMIC ADMINISTRATION

Period	Name of Institution	Function
2019 – 2022	Ono Academic College	Academic consultant and coordinator of MA programs, Health Faculty
2021	Ono Academic College	Member of the Research Committee, Health faculty
2019 – present	Tel Aviv University (Sagol School of Science)	Member of the PhD dissertation accompanying committee (PhD student Hadas Zeidenberg)
2016 -2021	Ono Academic College	Member in the Research Committee, Ono Academic College

4. SCHOLARLY POSITIONS AND ACTIVITIES OUTSIDE THE INSTITUTION

Period	Name of Institution	Rank/Function
2012 – present	Reuth Rehabilitation Hospital	Chair of the Helsinki subcommittee
2017 – present	Israeli Association of Physical and Rehabilitation of Medicine	Scientific Committee Member
2004 – present	Language and Brain Lab, Tel Aviv University	Member
2002 – present	Language and Brain Journal	Associate Editor
2015 – 2018	DASH journal of the Israeli Speech, Language and Hearing Association	Editorial Board member
Various	Haifa University	M.Sc. theses reviewer
Various	<i>Ad hoc</i> reviewer: -Journal of Speech Language and Hearing Research -Lingua -Aphasiology -Cortex -Behavioral Neurology -Frontier in Human Neuroscience -The National Institute for Psychobiology in Israel The Israeli Science Foundation -The Research Foundations of the Medicine Faculty, Tel Aviv University- -Annual meeting of the Israeli Association of Physical and Rehabilitation of Medicine -Annual meeting of the Israeli Speech, Hearing and Language Association - 2021 Guest associate editor in Brain Health and Clinical Neuroscience, Frontier Human Neuroscience Cognitive neuropsychology	
Various	-ADI Negev-Nahalat Eran Rehabilitation Village, grant application (health ministry) – consultant (2022)	

- Loewenstein Hospital Rehabilitation Center. Hebrew Version of the *PALPA* battery-consultant

5. ACTIVE PARTICIPATION IN SCIENTIFIC MEETINGS

- Zbidat, M., & **Gvion, A.** (August 2024). Awareness of aphasia in Israel among Jewish and Arab societies. To be presented at the 60th annual conference of the Israeli Speech Hearing and Language Association.
- Gvion, A.**, Biran, M. (August 2024). An access deficit or a deficit in the phonological representations themselves: What can we learn from naming errors? To be presented at the 60th annual conference of the Israeli Speech Hearing and Language Association.
- Gvion, A.**, Levi, T., Tubul Lavi, G., & Biran, M. (September 2024). Phonological processes and capacity constraints in consonant substitution errors: Insights from Individuals with Conduction Aphasia. To be presented at the Science of Aphasia 24, Geneva, Switzerland
- Gvion, A.** (May 2023). The utilization of EEG-based technologies in SLT's interventions. Presented at the aphasia conference, Ariel University.
- Stark, R., & Friedmann, N., & **Gvion, A.** (February 2023). The source of morphological reading errors: case studies. Presented at the 59th annual conference of the Israeli Speech Hearing and Language Association.
- Gvion, A.** (February 2023). Behavioural and electrophysiological evaluation of the impact of different cue types upon individuals with acquired anomia. Presented at the 59th annual conference of the Israeli Speech Hearing and Language Association.
- Gvion, A.** Shahaf, G., & Misha, T. (February 2023). Innovative intervention approaches in individuals in minimal consciousness state (MCS). Presented at the 59th annual conference of the Israeli Speech Hearing and Language Association.
- Biran, A., **Gvion, A.**, & Shmueli-Samuel, SH. (February 2023). Language in healthy aging. To be presented at the 59th annual conference of the Israeli Speech Hearing and Language Association.
- Gvion, A.**, Saadya, H., & Friedmann, N. (2022, September). Using error analysis to distinguish between phonological output buffer deficit and apraxia of speech. Presented at the Science of Aphasia 2022, Bordeaux, France.
- Levi, T., Serfaty, C., **Gvion, A.**, Edelstein, C., Weinstein, M., & Soroker, N. (2022, July). Naming therapy with and without tDCS in subacute stroke patients with aphasia. Presented at the ISPRM/ESPRM/SPMFR congress, Lisbon, Portugal
- Stark, R., Friedmann, N., & **Gvion, A.** (2022, January). The reading process of morphological complex words. Presented at the 58th annual conference of the Israeli Speech Hearing and Language Association.
- Gvion, A.**, & Biran, M. (2022, January). Where do phonological errors come from? Evidence from individuals with phonological output lexicon and phonological output buffer impairments. Presented at the 58th annual conference of the Israeli Speech Hearing and Language Association.
- Sella, O., **Gvion, A.**, & McRae, J. (2022, January). Speech and language therapists' management of ventilated patients and patients with tracheostomy in Israel. Presented at the 58th annual conference of the Israeli Speech Hearing and Language Association.
- Gvion, A.**, Faran, M., & Stark, R. (2021, December). Current approaches to Aphasia – The state of the art. Presented in the 71st annual conference of Rehab Science and Technology, Israel, virtual meeting.

- Gvion, A.**, Bartur, G., Herling, N., Karpin, H., & Shahaf, G. (2021, December). A workshop on the utilization of electrophysiological marker to detect the level of attentional recruitment: clinical application in rehabilitation. Presented in the 71st annual conference of Rehab Science and Technology, Israel.
- Gvion, A.**, Saadya, H., & Friedmann, N. (2021, October). *Distinguishing between phonological output buffer (POB) deficit and apraxia of speech: Error analysis to the rescue*. Presented at the Academy of Aphasia 2021 meeting, virtual meeting.
- Friedmann, N., Stark, R., **Gvion, A.**, & Coltheart, M. (2021, October). *Types of amorphia: Different morphological disorders in reading and their different sources*. Presented at the Academy of Aphasia 2021 meeting, virtual meeting.
- Gvion, A.**, & Shahaf, G. (2021, February). *Real-time monitoring of barriers to patient engagement for improved rehabilitation: A protocol and representative case reports*. Presented at the 57th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv, Israel.
- Friedmann, N., & **Gvion, A.** (2020, February). *A model for reading and production of morphologically complex words*. Presented at the 56th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv, Israel.
- Stark, R., Friedmann, N., & **Gvion, A.** (2020, February). *Selective impairments in the model for reading morphologically complex words*. Presented at the 56th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv, Israel.
- Saadia, H., **Gvion, A.**, & Friedmann, N. (2020, February). *Errors in morphological affixes as differential diagnosis between an impairment in the phonological output buffer and apraxia*. Presented at the 56th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv, Israel.
- Gvion, A.** (2020, January)(Invited). *The impact of different cue types upon individuals with acquired anomia: Behavioral and electrophysiological evidence*. Presented in the 10th communication disorders in multilingual and multicultural populations conference, Hadassah Academic College, Jerusalem. Israel.
- Gvion, A.**, Stark, R., Bartur, G., & Shahaf, G. (2019, April). *Do phonological and semantic cues facilitate naming in individuals with acquired Anomia? An EEG Study*. Presented in the 2019 ASHA convention, Orlando, Florida, USA.
- Gvion, A.**, Stark, R., Bartur, G., & Shahaf, G. (2019, April). *EEG as an additional tool to test the efficacy of anomia treatment in individuals with acquired anomia*. Presented in Learning and Plasticity 2020, Lapland, Finland.
- Gvion, A.**, Stark, R., Bartur, G., & Shahaf, G. (2019, February). *Do individuals who suffer from anomia as a result of selective phonological output lexicon impairment, benefit from phonological and semantic cues?* Presented in the 55th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Stark, R., Furman, N., Rabinowiz, N., & **Gvion A.** (2019, February). *Treatment of agrammatism based on CIAT approach*. Presented in the 55th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Stark, R., & **Gvion, A.** (2018, December). *Treatment of agrammatism*. Presented in the 68th annual conference of Rehab Science and Technology, Avenue, Israel.
- Gvion, A.**, Stark, R., Bartur, G., & Shahaf, G. (2018, December). *EEG as an additional tool to test the efficacy of anomia treatment in individuals with acquired anomia*. Presented in the 68th annual conference of Rehab Science and Technology, Avenue, Israel.

- Gvion, A., Stark, R., Bartur, G., & Shahaf, G.** (2018, February). *EEG as an additional tool to test the efficacy of anomia treatment in individuals with acquired anomia*. Presented in the 54th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Gvion, A.** (2017, December). *Dysgraphia treatment*. Presented in the 67th Rehabilitation Science and Technology, Avenue, Israel.
- Gvion, A.** (2017, December)(Invited). *Introduction to intervention approaches to aphasia*. Presented in the 67th Rehabilitation Science and Technology, Avenue, Israel.
- Gvion, A., Friedmann, N.** (2017, April). *Is there an interaction between lexical retrieval and reading?*. Presented at the annual meeting of the MIGDAL society of learning deficits, Bar Ilan University, Israel.
- Gvion, A., & Biran, M.** (2017, February). *Lexical retrieval in healthy aging*. Presented at the Presented in the 53rd annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Gvion, A., & Biran, M.** (2016, July). *Lexical retrieval in healthy aging*. Presented at the International Neuropsychological Society, 2016 Midyear Meeting: from Meurons to Neurorehabilitation, London, England.
- Friedmann, N., & **Gvion, A.** (2016, July). *Anomia in phonological output lexicon: Another source for surface dyslexia*. Presented at the International Neuropsychological Society, 2016 Midyear Meeting: from Meurons to Neurorehabilitation, London, England.
- Gvion, A.** (2016, February). *The Frigvi battery*. Presented in the 52nd annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Gvion, A.** (2016, February). *The Tiltan battery*. Presented in the 52nd annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Gvion, A.** (2016, February)(Invited). *Dyslexias: From theory to assessment and treatment*. Presented in the Rehabilitation Science and Technology Update, Tel Aviv, Israel.
- Gvion, A., Biran, M., Sharabi, L., & Gil, M.** (2015, Nov). *Learning from naming treatment on the phonological representation of homophones*. Presented in the 2016 ASHA convention, Colorado.
- Gvion, A., & Biran, M.** (2015, October). *Language in elderly*. Presented in the 9th annual meeton of the research institute of the health and medical professions on the third age, Kiryat Ono Israel.
- Karpin, H., & **Gvion, A.** (2015, June). *Semantics, as the key for the association of conceptual apraxia and aphasia*. Presented at the 21st annual meeting of the Israeli Society of occupational therapist (ISOT), Jerusalem
- Lifshitz, A., **Gvion, A.**, Vatine, J. J., & Mashal, M. (2015, March). *Transcranial direct current stimulation to improve naming abilities of persons with chronic aphasia: Preliminary study using individualized based protocol*. Presented at the Collaboration of the Aphasia Trialists (CATs), Network conference, Future Directions for Aphasia Research, London
- Lifshitz, A., **Gvion, A.**, Vatine, J. J., & Mashal, M. (2015, February). *Transcranial Direct Current stimulation to improve naming abilities of Hebrew speakers with chronic Aphasia*. Presented in the 51th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Gvion, A., Friedmann, N., & Nissim, R.** (2015, February). *Insights from LPD on morphological decomposition on reading*. Presented in the 51th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Sharabi, L., Biran, M., **Gvion, A.**, & Gil, M. (2014, December). *The relationship between treatment outcome and the underlying deficit: Evidence from homophones naming treatment*. Presented at the 65th annual meeting of the Israeli Association of Physical and Rehabilitation Medicine: Basic science and clinical applications. Binyaney Ha'uma, Israel

- Gvion, A** & Friedmann, N. (2014, December). *Between naming and reading: Acquired and developmental surface dyslexia in the phonological output: Clinical implications*. Presented at the 65th annual meeting of the Israeli Association of Physical and Rehabilitation Medicine: Basic science and clinical applications. Binyaney Ha'uma, Israel.
- Gvion, A.**, & Biran, M. (2014, December)(Invited). *Aphasia treatment: From theory to clinical setting and vice versa*. Presented at the 65th annual meeting of the Israeli Association of Physical and Rehabilitation Medicine: Basic science and clinical applications. Binyaney Ha'uma, Israel.
- Lifshitz, A., **Gvion, A.**, Vatine, J. J., & Mashal. M. (2014, December). *Transcranial Direct Current stimulation to improve naming abilities of Hebrew speakers with chronic aphasia – an individualized based protocol*. Presented at the 65th annual meeting of the Israeli Association of Physical and Rehabilitation Medicine: Basic science and clinical applications. Binyaney Ha'uma, Israel .
- Gvion, A.**, & Friedmann, N. (2014, August). *Write or rong?: Two subtypes of surface dysgraphia*. Presented at MURDR, ARC Centre of Excellence in Cognition and its Disorders, MacQuarie University, NSW, Australia.
- Friedmann, N., & **Gvion, A.** (2014, August). (Invited). *Between naming and reading: Acquired and developmental surface dyslexia in the phonological output*. Presented at the CCD Annual Workshop, Macquarie University, NSW, Australia.
- Biran, M., **Gvion, A.**, Sharabi, L., & Gil, M. (2014, July). *The relationship between treatment outcome and the underlying deficit: Evidence from homophones naming treatment*. International Neuropsychology Society 2014 Midterm Meeting, Neuropsychology: From Lab to Rehabilitation, Jerusalem, Israel.
- Friedmann, N., & **Gvion, A.** (2014, July). *Anomia in the phonological output lexicon: Another source for Surface dyslexia*. International Neuropsychology Society 2014 Midterm Meeting, Neuropsychology: From Lab to Rehabilitation, Jerusalem, Israel.
- Gvion, A.**, & Friedmann, N. (2014, July). *To bee or not to bea : Two subtypes of Surface dysgraphia*. International Neuropsychology Society 2014 Midterm Meeting, Neuropsychology: From Lab to Rehabilitation, Jerusalem, Israel.
- Gvion, A.**, & Friedmann, N. (2014, February). *The role of phonological working_memory in sentence comprehension: Evidence from developmental case studies*. Presented in the 50th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Faran, M., **Gvion, A.**, & Friedmann, N. (2014, February). *The genetics of dyslexia and dysgraphia: Evidence from familial phenotypes*. Presented in the 50th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Gvion, A.** (2014, February). *Lexical retrieval deficit and surface dyslexia as a result of shared deficit in the phonological output lexicon: Implications on assessment and treatment*. Presented in the 50th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Biran, M., & **Gvion, A.** (2014, February). *Aphasia treatment: from theory to clinical setting and vice versa*. Presented in the 50th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Shalev, N., Ophir, E., **Gvion, A.**, Gil, M., & Friedmann, N. (2014, February). *Dissociations between production processes of numbers and words*. Presented at the first Conference on Cognition Research of the Israeli Society for Cognitive Psychology, Akko, Israel.
- Friedmann, N., & **Gvion, A.** (2014, February). *On the relation between word reading and naming: Surface dyslexia and anomia in the phonological output lexicon*. Presented at the first Conference on Cognition Research of the Israeli Society for Cognitive Psychology, Akko, Israel.

- Gvion, A.**, Biran, M., Sharabi, L., & Gil, M. (2013, October). *The representation of homophones in the phonological lexicon: Additional evidence from Hebrew*. Presented in the Academy of Aphasia the 51th, Lucerne, Switzerland.
- Lifshitz, A., **Gvion, A.**, Vatine, J. J., & Mashal, M. (2013, October). *Transcranial Direct Current stimulation to improve naming abilities of Hebrew speakers with chronic aphasia – an individualized based protocol*. Presented in the Academy of Aphasia the 51th, Lucerne, Switzerland.
- Gvion, A.**, & Friedmann, N. (2013, October). *Developmental and acquired surface dyslexia and anomia as a result of a shared deficit in phonological output lexicon*. Presented in the Academy of Aphasia the 51th, Lucerne, Switzerland.
- Lifshitz, A., **Gvion, A.**, Vatine, J. J., & Mashal, M. (2013, June). *The journey to the lost words: Using transcranial direct current stimulation (tDCS) to improve naming abilities among people with chronic aphasia due to stroke*. Presented in the Israeli Presidential Conference, Binyaney Ha'uma, Israel.
- Lifshitz, A., **Gvion, A.**, Vatine, J. J., & Mashal, M. (2013, July). *Transcranial Direct Current stimulation to improve naming abilities of Hebrew speakers with chronic Aphasia – an individualized based protocol*. Presented in The Israel Association for Literacy and Language, Kiryat Ono, Israel
- Gvion, A.**, & Friedmann, N. (2013, July). *Is there interaction between lexical retrieval and oral reading? Evidence from acquired and developmental anomia and surface dyslexia*. Presented in The Israel Association for Literacy and Language, Kiryat Ono, Israel
- Gvion, A.**, & Biran, M. (2013, February). *From theory to the treatment of anomia: Evidenced based practice (review)*. Presented in the 49th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Gvion, A.**, & Friedmann, N. (2013, February). *Is there interaction between lexical retrieval and oral reading? Evidence from acquired and developmental anomia and surface dyslexia*. Presented in the 49th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Gvion, A.** (2012, September)(Invited). *Dysgraphia: subtypes. Writing assessment: Updates and innovations*. Presented in the Israeli Society of Occupational Therapy meeting, the Open university, Ra'anana, Israel.
- Gvion, A.**, & Friedmann, N. (2012, September). *The interaction between lexical retrieval and oral reading: Evidence from acquired and developmental anomia and surface dyslexia*. Presented in 13th Science of Aphasia Conference, Groningen, The Netherlands.
- Friedmann, N., & **Gvion, A.** (2012, August). *Between naming and reading: Phonological output lexicon impairment and surface dyslexia*. Presented at MURDR, CCD, MacQuarie University, NSW, Australia.
- Friedmann, N., & **Gvion, A.** (2012, August). *Morphological decomposition and letter position*. Presented at the LPD Day, McMahons Point, NSW, Australia.
- Shlomy, A., Medemon-Frug, L., **Gvion, A.**, & Friedmann, N. (2012, July). *Diacritics as a treatment for developmental surface dyslexia*. Presented in The Israel Association for Literacy and Language, Kiryat Ono, Israel.
- Gvion, A.**, & Friedmann, N. (2012, September). *The interaction between lexical retrieval and oral reading: Evidence from acquired and developmental anomia and surface dyslexia*. Presented in 13th Science of Aphasia Conference, Groningen, The Netherlands.
- Gvion, A.**, & Friedmann, N. (2012, February). *Subtypes of developmental surface dysgraphia*. The Israeli Neuropsychological Society 2012 meeting, Bar Ilan University.
- Gvion, A.**, & Friedmann, N. (2012, February). *Dyscravia: Writing "duple" for "table"*. Presented at the Brain Plasticity Symposium, Inauguration of the Sagol School of Neuroscience, Tel Aviv University.

- Gvion, A., & Friedmann, N.** (2012, February). *Nazelexia: Reading and writing nyslexia instead of dyslexia*. Presented at the 48th annual conference of the Israeli Speech Hearing and Language Association, David intercontinental, Israel.
- Gvion, A.** (2012, January)(Invited). *Consideration of inter-language differences in the adaptation of assessment tools*. Presented in the Communication Disorders in Multilingual and Multicultural Populations in Israel conference, Hadassa Academic College, Jerusalem.
- Gvion, A.** (2011, December)(Invited). *Different points of view on aphasia: Syndromes, psych-linguistic models and the social approach*. Presented at the 62nd annual meeting of the Israeli Association of Physical and Rehabilitation Medicine: Basic science and clinical applications. David intercontinental, Israel.
- Gvion, A., & Friedmann, N.** (2011, June)(invited). *The role of phonological working memory in sentence comprehension*. Presented at Aphasia: Between science and clinical practice. Department of Communication Disorders & Sciences, Haifa University.
- Faran, M., & **Gvion, A.** (2011, February). *Flaccid dysarthria, as is manifested in Guillain-Barre: Two case studies*. Presented at the 47th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Gvion, A., & Friedmann, N.** (2011, February). *Types of semantic knowledge and their effect on lexical retrieval in aphasia*. Presented at the 47th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Friedmann, N., & **Gvion, A.** (2010, October). *Phonological working memory and sentence comprehension in SLI and children with WM limitations*. Presented at the Bilingual SLI meeting, COST IS0804, Larnaca, Cyprus.
- Gvion, A., Friedmann, N., Zaxenberg, I., & Mor, R.** (2010, October). *Subtypes of developmental surface dysgraphia*. Presented at the Academy of Aphasia 2010 meeting, Athens, Greece.
- Friedmann, N., Shvimer, L., Kerbel, N., Rahamim, E., & **Gvion A.** (2010, July). *Treatment directions for developmental letter position dyslexia and attentional dyslexia*. Presented at the Seventeenth Annual Meeting of the Society for the Scientific Study of Reading (SSSR), Berlin, Germany.
- Gvion, A., & Friedmann, N.** (2010, February). *Can diacritics serve as treatment in various types of dyslexia?* Presented at the 46th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Friedmann, N., Rahamim, E., & **Gvion, A.** (2010, February). *Directions for treatment of Letter Position Dyslexia*. Presented at the 46th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Borer-Alafi, N., Leibowitz, M., & **Gvion, A.** (2010, February). *Can naso-gastric tube be an obstacle for it's withdrawal: A case study*. Presented at the 46th annual conference of the Israeli Speech Hearing and Language Association, Tel Aviv.
- Gvion, A., & Friedmann, N.** (2009, November). *Input and output conduction aphasia: Differential diagnosis*. Presented at the 60th annual meeting of the Israeli Association of Physical and Rehabilitation Medicine: Basic science and clinical applications. Airport City, Israel.
- Faran, M., **Gvion, A., & Friedmann, N.** (2009, November). *Morphological errors in the reading of an agrammatic aphasic with deep dyslexia: Who is to blame?* Presented at the 60th annual meeting of the Israeli Association of Physical and Rehabilitation Medicine: Basic science and clinical applications. Airport City, Israel.
- Gvion, A., & Friedmann, N.** (2009, October). *The role of phonological working memory in sentence comprehension: The interaction between type of processing and output and input buffer deficits?* To be presented in he 47th Annual Meeting of the Academy of Aphasia, Boston, MA.

- Gvion, A., & Friedmann, N.** (2009, September). *Dyscravia: Writing dyscravia instead of dysgraphia*. Presented at the 24th annual conference of the Israel Association for Literacy and Language, Neve Ilan.
- Gvion, A.** (2009, July). *The relation between pWM and sentence comprehension: Evidence from aphasia*. Presented at the 3rd annual conference of the research institute for the health and medical professions, Ono Academic College.
- Gvion, A., & Friedmann, N.** (2009, February). *Input and output conduction aphasia*. Presented at the 45th annual conference of the Israeli Speech Hearing and Language Association, Ramat Gan.
- Gvion, A., & Friedmann, N.** (2009, February). *Dyscravia: Writing goal instead of coal*. Presented at the 45th annual conference of the Israeli Speech Hearing and Language Association, Ramat Gan.
- Gvion, A., & Friedmann, N.** (2009, January). *Dyscravia: Voicing substitution dysgraphia*. Presented at the Language, Brain, Communication Conference, Bar Ilan University and Hadassah College.
- Gvion, A., & Friedmann, N.** (2009, January). *Does phonological working memory limitation affect sentence comprehension? A study of conduction aphasia*. Presented at the Language, Brain, Communication Conference, Bar Ilan University and Hadassah College.
- Gvion, A., & Friedmann, N.** (2008, September). *Dyscravia: Voicing substitution dysgraphia*. Presented at the Science of Aphasia 9, Methodological controversies, Chalkidiki, Greece.
- Gvion, A., & Friedmann, N.** (2008, June). *Dyscravia: Voicing substitution dysgraphia*. Presented at the Language and Neurons - Theoretical Approaches conference, Bar-Ilan University.
- Alafi-borer, N., **Gvion, A., & Arad, A.** (2008, June). *Swallowing assessment in ventilated patient: the comparison between two types of swallowing evaluations*. Presented at the international conference on chronic ventilated patients, multi-disciplinary management from ICU to home, Israel.
- Gvion, A., & Karpin, H.** (2007, November). *The semantic component as a clue for understanding conceptual apraxic deficits and lexical semantic deficits*. Presented at the 58th annual meeting of the Israeli Association of Physical and Rehabilitation Medicine, Airport city, Israel.
- Friedmann, N., & **Gvion, A.** (2007, September). *Conduction aphasia and sentence comprehension: Phonological working memory up the garden path*. To be presented at Science of Aphasia VIII, The Neurocognition of Language, Levels of description, Italy.
- Friedmann, N., & **Gvion, A.** (2007, June). *How is working memory related to sentence comprehension: Relative clauses and garden paths*. Presented at the 23rd annual meeting of the Israel Association for Theoretical Linguistics. Tel Aviv University.
- Gvion, A., & Friedmann, N.** (2007, February). *Working memory and writing: Letter position dysgraphia*. Presented at 43rd annual conference of the Israeli Speech Hearing and Language Association, Jerusalem, Israel.
- Friedmann, N., & **Gvion, A.** (2007, February). *Is there a relation between working memory and comprehension in aphasia?* presented at 43rd annual conference of the Israeli Speech Hearing and Language Association, Jerusalem, Israel.
- Gvion, A., & Friedmann, N.** (2006, November). *Letter position dysgraphia*. Presented at the 57th annual meeting of the Israeli Association of Physical and Rehabilitation Medicine, Airport city, Israel.
- Gvion, A., & Friedmann, N.** (2006, September). *Letter position dysgraphia*. Presented at the 7th Sciences of Aphasia meeting, Sardegna, Italy.
- Friedmann, N., **Gvion, A., & Tzailer, L.** (2006, September). *The effect of syntax on reading in neglect dyslexia*. Presented at the 7th Sciences of Aphasia meeting, Sardegna, Italy.

- Gvion, A.**, & Friedmann, N. (2006, September). *Letter position dysgraphia*. Presented at the 7th Sciences of Aphasia meeting, Sardegna, Italy.
- Friedmann, N., & **Gvion, A.** (2006, June). *Is there a relation between working memory limitation and sentence comprehension? A study of conduction aphasia*. Presented at the 36th Clinical Aphasiology Conference, Ghent, Belgium.
- Friedmann, N., **Gvion, A.**, Biran, M., Nachman-Katz, I., & Rahamim, E. (2005, December). *Dyslexia: one deficit?*. Presented at the annual conference of the Israeli Association of Physical and Rehabilitation Medicine: Rehabilitation 2005: Challenges and Innovations, Tel Aviv, Israel.
- Gvion, A.** (2005, December). *Multidisciplinary approach in dysphagia assessment and treatment*. Presented at the annual conference of the Israeli Association of Physical and Rehabilitation Medicine: Rehabilitation 2005: Challenges and Innovations, Tel Aviv, Israel.
- Friedmann, N., Novogrodsky, R., & **Gvion, A.** (2005, September). *Syntactic movement in agrammatism and S-SLI: Two different impairments*. Presented at the GALA 2005 meeting– Generative approaches to language acquisition, Siena, Italy.
- Friedmann, N., **Gvion, A.**, Biran, M., & Novogrodsky, R. (2005, August). *Do agrammatic aphasics understand verb movement?* Presented at the 6th Sciences of Aphasia meeting, Helsinki, Finland.
- Biran, M., **Gvion, A.**, & Friedmann, N. (2005, February). *Patterns of visual dyslexia*. Presented at the 41st annual conference of the Israeli Speech Hearing and Language Association, the Dead Sea, Israel.
- Gvion, A.**, & Friedmann, N. (2004, November). *Sentence comprehension and limited working memory: Do we need short term memory to understand sentences?* Presented at the Advances in Interdisciplinary Medical Rehabilitation conference.
- Gvion, A.**, & Friedmann, N. (2004, September). *Sentence comprehension and working memory Limitation in Conduction aphasia: Interaction between type of processing and output and input deficits*. Presented at the 5th Sciences of Aphasia meeting, Potsdam, Germany.
- Friedmann, N., & **Gvion, A.** (2004, March). *Working memory and sentence comprehension in Broca's and Conduction aphasia*. Presented at the annual meeting of the National Institute for Psychobiology in Israel, Jerusalem, Israel.
- Gvion, A.**, & Friedmann, N. (2003, December). *Developmental and acquired dyslexias: The TILTAN test battery*. Presented at the advanced topics in rehabilitation conference, Shfayim, Israel.
- Gvion, A.**, Friedmann, N., & Faran, M. (2003, September). *The interaction between attentional dyslexia and right neglect dyslexia: Two case studies*. Presented at the British Aphasiology Society, Biennial International Conference, Newcastle, GB.
- Biran, M., **Gvion, A.**, & Friedmann, N. (2003, September). *Visual dyslexia in Hebrew: Two case studies*. Presented at the British Aphasiology Society, Biennial International Conference, Newcastle, GB.
- Gvion, A.**, Friedmann, N., & Faran, M. (2003, August). *Two acquired dyslexias in one patient: The interaction between attentional dyslexia and right neglect dyslexia*. Presented at The 4th Science of Aphasia conference, Trieste, Italy.
- Gvion, A.**, & Friedmann, N. (2002, October) *Does phonological working memory limitation cause comprehension deficits in agrammatic and conduction aphasia?* Presented at the 40th annual meeting of the Academy of Aphasia, New York.
- Gvion, A.**, & Friedmann, N. (2002, June). *Is there a relation between working memory limitation and sentence comprehension? Evidence from aphasia*. Presented at the 4th annual conference of the Israeli Association for Neuropsychology, Haifa.

- Friedmann, N., & **Gvion, A.** (2002, June). *Letter Position Dyslexia following left occipito-parietal lesion*. Presented at "The Science of Aphasia: Functional Neuroimaging Studies of Language and its Impairment" conference, Maratea, Italy.
- Gvion, A.**, & Friedmann N. (2002). The role of phonological working memory in sentence comprehension: Evidence from aphasia. Presented at workshop on the Functional Approach in Cognitive Rehabilitation, Reuth medical center, Tel Aviv, Israel
- Friedmann, N., & **Gvion, A.** (2001, July). *Sentence comprehension and working memory limitation: a dissociation between semantic and phonological encoding*. Presented at Neurological Basis of Language Conference, Groningen, The Netherlands
- Gvion, A.**, & Friedmann, N. (2001, July). *Surface dyslexia in a deep-orthography language*. Presented at The Israeli Association for literacy 16th SCRIPT conference, Shfayim, Israel.
- Friedmann, N., & **Gvion, A.** (2001, July). *Letter position dyslexia in Hebrew*. Presented at the Israeli Association for Literacy 16th SCRIPT conference, Shfayim, Israel.
- Friedmann, N., & **Gvion, A.** (2001, June). *Letter position dyslexia*. Presented at the Israeli Society for Neuropsychology conference, Beer Sheva, Israel.
- Gvion, A.**, & Friedmann, N. (2000, June). *The role of phonological working memory in sentence comprehension: Evidence from aphasia*. Presented at "aphasia 2000, from theory to clinical practice", Ra'anana, Israel.
- Friedmann, N., & **Gvion, A.** (2000, February). *Letter position dyslexia*. Presented at the 36th annual conference of the Israeli speech hearing and language association, Israel.
- Gvion, A.** (2000, February). *Dysphagia workshop: Case studies and therapeutical dilemmas*. Presented at the 36th annual conference of the Israeli Speech Hearing and Language Association, Israel.
- Gvion, A.** (2000, september). *Dysphagia: A multidisiplinary approach*. Presented at Medical and nutritional aspects in the elderly, Tel Aviv, Israel.
- Manor, Y., & **Gvion, A.** (1999, February). *The Israeli swallowing test*. Presented at the 36th annual conference of the Israeli Speech Hearing and Language Association, Israel.
- Gvion, A.**, Deouell, L., Grodzinsky, Y., & Soroker, N. (1998, January). *Application of the Lesion-Effect Paradigm using Normalized Brain Images: The Structural Basis of Linguistic Impairment in Aphasia Revisited II* Mediterranean Congress of Physical Medicine and Rehabilitation, Valencia, Spain.
- Gvion, A.**, Soroker, N., Abarbanel, M., Schechter I., Modan M., Reider-Groswasser I., & Solzi P. (1988). *Computerized Storage and Analysis of Linguistic Variables Derived from a Formal Aphasia Test Battery*. The 14th World Congress of the Israel Medical Association Jerusalem.

Organization of Conferences or Sessions

Period	Name of Institution	Rank/Function
2015	Reuth Rehabilitation Hospital	Workshop organizer and main lecturer. Writing and Dysgraphia
2015	Reuth Rehabilitation Hospital.	Workshop organizer and main lecturer. Reading and Dyslexia
2009	Reuth Rehabilitation Hospital	Workshop organizer and one of the main lecturers Swallowing and Dysphagia
2009	Loewenstein Hospital Rehabilitation Center	Workshop organizer and one of the main speakers. Lexical retrieval and phonological

2009	Reuth Rehabilitation Hospital	working memory: the normal processes' deficits and assessment tools Workshop organizer and one of the main speakers. Lexical retrieval and phonological working memory: the normal processes' deficits and assessment tools
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Other Invited Lectures

Period	Name of Institution	Subject
2023	Adi Negev	Workshop – theoretical and clinical aspects in aphasia
2021	Maccabi, Health Services	Workshop series- aphasia treatment: representative case studies.
2021	The Israeli Speech, Hearing and Language Association	Lecture: Reading and Dyslexia
2021	Haifa University	Real-time monitoring of barriers to patient engagement for improved rehabilitation: A protocol and representative case reports.
2021	IDDSI international	Chairman: the implementation of IDDSI in Israel
2019	Matya Rehovot	Workshop: Lexical retrieval and phonological working memory: the normal processes' deficits and assessment tools.
2019	Sheba Hospital	lecture series: Dyslexia and Dysgraphia- advanced studies for SLT
2018	Shomrot al Keshet -Seminars (webinars) for SLTs invitation	Reading and Dyslexia: theory, assessment and treatment
2018	Bet Micha	Lecture: Reading and Dyslexia
2018	The Israeli Speech, Hearing and Language Association	Lecture: Reading and Dyslexia
2016	ATID	Lecture: Reading and Dyslexia
2016	Bayit Balev Rehabilitation Hospital	Workshop organizer: Dysphagia – theoretical and clinical aspects
2015	Shteiner- Hearing aids	Workshop: Lexical retrieval and phonological working memory: the normal processes' deficits and assessment tools.
2015	The Israeli Speech, Hearing and Language Association	FriGvi battery and phonological working memory
2015	Hillel Yaffe Hospital	Workshop organizer and one of the main speakers: Aphasia - theoretical and clinical aspects
2015	Mehuhedet, Health Services	Workshop organizer and one of the main speakers: Aphasia - theoretical and clinical aspects

2015	Ministry of Education	Lecture series: Dyslexia and Dysgraphia-advanced studies for SLT
2015	Tel-Aviv University, Physiotherapy, MA program	Lecture: Different Perspectives in Aphasia: Aphasic syndromes, psycholinguistic models and the social approach
2014	Jerusalem college	Reading and dyslexias
2014	Shteiner- Hearing aids	Reading and dyslexias
2014	Ono Academic College – Continuing Education for SLT	lecture series: Reading and Writing, Dyslexia and Dysgraphia
2013	Ariel University	Dysphagia- theoretical and clinical aspects
2013	The School of Education, Bar Ilan University	Lecture: Lexical retrieval and Anomia
2013	The Hebrew University, department of Linguistics	Lecture: Selective language and reading deficits: evidence to the Modularity of the mind
2012	ATID Reshet Hinuh	Developmental Dyslexia and Dysgraphia.
2011	Clalit, Health Services – Tel Aviv -Yafo	Developmental and acquired Dyslexia and Dysgraphia.
2011	Maccabi, Health Services	Developmental and acquired Dyslexia and Dysgraphia
2011	Haifa University, Department of Communication Disorders & Sciences	Lecture: Consideration of inter-language differences in the adaptation of assessment tools
2011	Hedim, Hearing Institutes	Workshop: Lexical retrieval and phonological working memory: the normal processes: deficits and assessment tools.
2010	Matya Rehovot	Developmental Dyslexia
2009	Bayit Balev, Bat-Yam	Acquired Dyslexia
2009	Research institute for the health and medical professions, Ono Academic College.	Lecture: The relation between pWM and sentence comprehension: Evidence from aphasia.
2009	JDC- Eshel	The normal process of swallowing and Dysphagia.
2009	Edith Wolfson Medical Center	The normal process of swallowing and Dysphagia.
2005-2015	Ministry of Health- continuing studies to dieticians	Dysphagia management and treatment
2004	Clalit Health Services- family doctors	The normal process of swallowing and Dysphagia.
2004	Rambam, Health care Campus – doctors and nurses	The normal process of swallowing and Dysphagia

6. RESEARCH GRANTS

Year	Name of Institution	Amount
2023	Reuth research institute grant on the effect of group therapy on the quality of life of individuals with severe aphasia	25,000 NIS

2023	Reuth Research Institute grant on the effect of a spontaneous speech evaluation task on the intelligibility of participants with aphasia	25,000 NIS
2022	The Israeli Innovation Technology Grant on useability of a Web-Based Platform for Speech Language Pathology and Occupational Therapy: A mixed-methods study (with the collaboration of Cognition therapy and Education Ltd)	225,000 NIS
2021	The Israeli innovation technology grant on a minimal responsive state home treatment system.	489,840 NIS
2021	Reuth Research Institute grant on the utilization of speech valves: does it improve swallowing of individuals with dysphagia: A fees study.	25,000 NIS
2020	Reuth research institute grant on tDCS in Chronic aphasic individuals, 2020	25,000 NIS
2016	Reuth Research Institute grant on constraint-induced therapy for chronic agrammatic individuals.	25,000 NIS
2011	Ministry of health chief scientist office grant on the genetics of subtypes of dyslexia, 2011.	30,000 NIS

7. ACADEMIC AWARDS

Year	Name of Institution	Occasion
2002	Marcel Adams award, Adams Super Center for Brain Studies, Tel Aviv university	<i>for the Published paper: Letter position dyslexia, Cognitive Neuropsychology, 18(8), 673-696.</i>

8. TEACHING

a. Courses taught in recent years

Years	Course	Type	# students
2010 - present	Neurogenic language disorders	Lecture	~ 50
2010 - present	Clinical integration - Adults	Lecture and wokshop	~ 20
2010 - present	Motor speech disorders	Lecture	~ 50
2010 – present	Assessment and Evaluation	Lecture and workshop	~ 50
2020 - present	Evidence Based Practice	Lecture	11
2019 - present	Cognition and Language Seminar	Lecture	6
2010 – 2019	Academic Writing	Lecture	~ 50
2007 - 2019	Memory and Dysgraphia Disorders	Lecture	~ 50
2010 – 2011	Language Disorders in Children	Lecture	~ 50
2011-2014	Language and learning disorders in school-age children	Lecture	~ 50
2002 - 2007	Dyslexia – Theoretical Aspects	Lecture	~ 50
2007-2008	Adult Aphasia	Lecture	25
2011-present	Seminars supervision		~ 150

b. Supervision of Graduate Students

Dates	Name	Title of thesis/proposal	Institution
<u>Ph.D. STUDENTS (1 TOTAL)</u>			

2011-2014	Lifshitz-Ben Basat, Adi	Transcranial direct current stimulation (tDCS) to improve naming among healthy subjects and patients with chronic aphasia (HEBREW)	School of Education Faculty of Social Sciences Bar-Ilan University
<u>M.Sc. STUDENTS (12 TOTAL)</u>			
2024	Hanan Zaid		MA program, Faculty of Health, Ono Academic College
2024	Racheli Kuznits		MA program, Faculty of Health, Ono Academic College
2022	Mohamad Zabiati	Awareness of aphasia among non-professionals: data from Israeli residents	MA program, Faculty of Health, Ono Academic College
2022	Bendit Olga	The validation of the "FriGvi-phonological working memory test" into Russian	MA program, Faculty of Health, Ono Academic College
2021	Tadmor Lyle	The implementation of the Optimal Theory in swallowing treatment	Speech and Hearing Disorders. Haifa University
2021	Gerera Yaara		School of Education. Department of Special education and education counseling. Tel Aviv University
2020 - present	Ayelet Citroen	Spontaneous speech assessment: comparisons of different types of tasks	MA program, Faculty of Health, Ono Academic College
2020 - present	Sagie Babin	The effect of speech valves on the weaning of ventilated patients	MA program, Faculty of Health, Ono Academic College
2015-2020	Stark Reuth	The mechanism underlying reading complex words: the function of the lexicons and the buffers	School of Education. Department of Special education and education counseling. Tel Aviv University
2015-2020	Saadya Hadar	Differential diagnosis between phonological output buffer and apraxia of speech.	School of Education. Department of Special education and education counseling. Tel Aviv University
2012-2015	Korobchinsky Efrat	The mental representation of modern Hebrew words: Evidence from Aphasic patients	Department of Cognitive and Brain Sciences, Ben Gurion University
2009-2013	Nissim Roni	Morphological decomposition in the visual analysis stage? Evidence from LPD	School of Education. Department of Special education and education

2008 -2012-	Faran Maya	The genetics of Dyslexia	counseling. Tel Aviv University School of Education. Department of Special Education and Education counseling. Tel Aviv University
2007-2013	Rubin Iris	Subtypes of surface dysgraphia	School of Education. Department of Special education and education counseling. Tel Aviv University
2007-2013	Mor Revital	Subtypes of surface dysgraphia: The effect of different treatment approaches	School of Education. Department of Special education and education counseling. Tel Aviv University

11. MISCELLANEOUS

MEMBERSHIP IN PROFESSIONAL SOCIETIES

Member in the Israeli Association of Physical and Rehabilitation Medicine

Member in the Israeli Speech Hearing and Language Association

A LSVT Certified Clinician

12. CLINICAL EXPERIENCE

Period	Name of Institution	Rank/Function
2002 – present	Reuth Rehabilitation Hospital, Tel Aviv	Founder and the head of the Speech and Language Department
1986 - 2002	Loewenstein Hospital, Rehabilitation Center, Ra'anana	Speech Therapist
1996 – 1997	Dan-Petach Tikva, Kupat Holim Clalit	Chief Speech Therapist
1995 – 1996	Ester Hamalka, Kupat Holim Clalit, Tel Aviv	Speech Therapist
1994 - 1996	Kroithamer, Soraski hospital, Tel Aviv	Speech Therapist
1985	Alin hospital, Jerusalem	Speech Therapist

PUBLICATIONS

1. **Gvion, A.** (1998). Swallowing therapy - case studies. *Israeli Journal of Language, Speech and Hearing Disorders*, 20, 111-116. (in Hebrew).
2. Friedmann, N., & **Gvion, A.** (2001). Letter position dyslexia. *Cognitive Neuropsychology*, 18(8), 673-696.
3. **Gvion, A.** (Ed)(2002). Studies of Aphasia: Theoretical and clinical aspects. *Israeli Journal of Language, Speech and Hearing Disorders*, 24 (in Hebrew).

4. Friedmann, N., & **Gvion, A.** (2002). Modularity in developmental disorders: Evidence from SLI and peripheral dyslexias. *Behavioral and Brain Sciences*, 25(6), 756-757.
5. **Gvion, A.**, Biran, M., & Friedmann, N. (2002). Does phonological working memory limitation cause comprehension deficits in agrammatic and conduction aphasia? *Brain and Language*, 83, 87-90.
6. Friedmann, N., & **Gvion, A.** (2003). Sentence comprehension and working memory limitation in aphasia: a dissociation between semantic and phonological encoding. *Brain and Language*, 86, 23-39.
7. **Gvion, A.** & Sternberg, P. (2003). The normal and the impaired swallowing mechanism: Case studies. *Medical Nutrition in the 3rd Age*. (in Hebrew).
8. **Gvion, A.**, & Friedmann, N. (2004). Dyslexias: Types, characteristics and treatment directions. In the Israeli Association of Physical and Rehabilitation Medicine (PMR) bulletin, *Shikumada*, 22, 3-6. (in Hebrew).
9. Friedmann, N., & **Gvion, A.** (2005). Letter form as a constraint for errors in neglect dyslexia and letter position dyslexia. *Behavioral Neurology*, 16, 145-158.
10. Friedmann, N., **Gvion, A.**, Biran, M., & Novogrodsky, R. (2006). Do people with agrammatic aphasia understand verb movement? *Aphasiology*, 20, 136-153.
11. Friedmann, N., **Gvion, A.**, & Novogrodsky, R. (2006). Syntactic movement in agrammatism and S-SLI: Two different impairments. In A. Belletti, E. Bennati, C. Chesi, E. Di Domenico & I. Ferrari (Eds.), *Language acquisition and development* (pp. 197-210). Cambridge Scholars Press/CSP.
12. Friedmann, N., & **Gvion, A.** (2007). As far as individuals with conduction aphasia understood these sentences were ungrammatical: Garden path in conduction aphasia. *Aphasiology*, 21, 570-586.
13. **Gvion, A.**, & Friedmann, N. (2007). Is phonological working memory involved in sentence comprehension? The difference between phonological and semantic reactivation. *The Israel Association of Theoretical Linguistics*, 23,1 - 54.
14. **Gvion, A.**, & Friedmann, N. (2008). FriGvi: A battery for the diagnosis of phonological working memory. *Language and Brain*, 7, 161-180. (In Hebrew).
15. **Gvion, A.**, Friedmann, N., & Yachini, M. (2008). Writing and dysgraphia: On the writing process, writing impairments, and the relation between dysgraphia and dyslexia. In the Israeli Association of Physical and Rehabilitation Medicine (PMR) bulletin, *Shikumada*, 26, 32-35. (in Hebrew).
16. **Gvion, A.**, & Friedmann, N. (2010). Letter position dysgraphia. *Cortex*, 46, 1100-1113.
17. **Gvion, A.**, & Friedmann, N. (2010). Dyscravia: Voicing substitution dysgraphia. *Neuropsychologia*, 48, 1935-1947.
18. Friedmann, N., & **Gvion, A.** (2010). Dyslexia subtypes. In the Israeli Orton Dyslexia publication, D. Finkelstein (Ed.), *All you wanted to know about dyslexia*. (in Hebrew).
19. **Gvion, A.**, Friedmann, N., Zaksenberg, R. I., and Mor, R. (2010). Subtypes of developmental surface dysgraphia. *Procedia Social and Behavioral Sciences*, 6, 145-147.
20. Friedmann, N., Tzailer-Gross, L., & **Gvion, A.** (2011) The effect of syntax on reading in neglect dyslexia. *Neuropsychologia*, 49(10), 2803-2816.
21. **Gvion, A.**, & Olenik, D. (2011). I have a stich...speech disorders: Aphasia, an acquired language impairment. *Journal of the Israeli Neurological Association*, 7, 32-34 (in Hebrew).
22. **Gvion, A.**, & Gil, M. (2011). Communicative disorders – language and speech disorders, and related disorders in rehabilitation. In Ori, A., Lazary, A., and Heruti, R. (Eds.) *Principles of rehabilitation medicine*, Probook. (in Hebrew).

23. Friedmann, N., Biran, M., & **Gvion, A.** (2012). Patterns of visual dyslexia. *Journal of Neuropsychology, 6*, 1-30.
24. **Gvion, A.**, & Friedmann, N. (2012). Phonological short-term memory in conduction aphasia. *Aphasiology, 26*(3-4), 579-614.
25. **Gvion, A.**, & Friedmann, N. (2012). Do phonological working memory limitations affect sentence comprehension? A study of conduction aphasia. *Aphasiology, 26*(3-4), 494-535.
26. Friedmann, N., & **Gvion, A.** (2012). Intervention and Locality in agrammatic aphasia. *In the internet celebration for Luigi Rizzi's 60th birthday* (pp. 1-13). Siena, Italy: CISCL Working Papers.
27. Friedmann, N., & **Gvion, A.** (2012). An even more universal model of reading: Various effects of orthography on dyslexias. *Behavioral and Brain Sciences, 35*(5), 23-24.
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29. **Gvion, A.**, & Friedmann, N. (2013). Pathology of language. In G. Kahn, S. Bolozky, S. E., Fassberg, G.A., Rendsburg, A.D., Rubin, O.R., Schwartzwald, & T., Zewi, (Eds.), *Encyclopaedia of Hebrew language and linguistics*, volume III (p-z) (pp. 49-53). Brill.
30. Biran, M., **Gvion, A.**, Sharabi, L., & Gil, M. (2013). The representations of homophones in the phonological lexicon: Additional evidence from Hebrew. *Procedia social and behavioral Sciences, 94*, 86-87.
31. **Gvion, A.**, Friedmann, N. (2013). Developmental and acquired surface dyslexia and anomia as a result of a shared deficit in the phonological output lexicon. *Procedia social and behavioral Sciences, 94*, 205-206.
32. Lifshiz-Ben Basat, A., **Gvion, A.**, Jean-Jacques, V., & Mashal, N. (2013). Transcranial direct current stimulation to improve naming abilities of persons with chronic aphasia: An individualized based protocol. *Procedia social and Behavioral Sciences, 94*, 242.
33. Friedmann, N., **Gvion, A.** (2014). Compound reading un Hebrew text-based neglect dyslexia: The effects of the first word on the second word and of the second on the first. *Cognitive Neuropsychology, 31*, 106-122.
34. Friedmann, N., **Gvion, A.**, & Nissim, R. (2015). Insights from developmental and acquired letter position dyslexia on morphological decomposition in reading. *Frontier in Human Neuroscience*.
35. Lifshitz Ben Basat, A., **Gvion, A.**, Vatin, J. J., & Mashal, N. (2016). Transcranial direct current stimulation to improve naming abilities of persons with chronic aphasia: A preliminary study using individualized based protocol. *Journal of Neurolinguistics, 38*, 1-13.
36. **Gvion, A.**, Friedmann, N. (2016). A principled relation between reading and naming in acquired and developmental anomia: Surface dyslexia following impairment in the phonological output lexicon. *Frontiers in Human Neuroscience*.
37. **Gvion, A.**, Faran, M., & Shemesh, F. (2018). Changes in the way we observe, assess, and treat aphasia: From the traditional approach to the psycholinguistic and social approaches. *Harefua, 157*, 585-589. (in Hebrew).
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39. **Gvion, A.**, Biran, M., & Shemesh, F. (2018). From theory to the clinic – Is it possible to detect different types of anomia according to the lexical retrieval model? *Harefua*, 157, 570-575. (in Hebrew).
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41. Friedmann, N., Yachini, M., **Gvion, A.**, & Nickels, L. (2020). Non-word writing does not require the phonological output buffer: Neuropsychological evidence for a direct phonological-orthographic route. *Journal of Neuropsychology*, 14(2), 301-317.
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49. Friedmann, N., & **Gvion, A.** (2023) Two types of developmental surface dysgraphia: to bee but not to bea. *Cognitive Neuropsychology*, 40(3-4). DOI: 10.1080/02643294.2023.2280220.
50. **Gvion, A.**, Zbidat, M., & Biran, M. (2024). Awareness of aphasia in Israel among Jewish and arab societies. *Aphasiology*, DOI: 10.1080/02687038.2024.2328371
51. Stark, R., & **Gvion, A.** (in press) Is agrammatism treatment effective? Evidence from individuals with chronic agrammatic aphasia. *Ha'Refua*. (in Hebrew).
52. **Gvion, A.**, & Stark, R. (in press). *Aphasia, acquired language impairment*. Encyclopedia Hebraica.

Test Batteries

- Friedmann, N., & **Gvion, A.** (2002). *FriGvi: Friedmann Gvion battery for assessment of phonological Working Memory*. Tel Aviv University. (in Hebrew).
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