

# Recommended readings related to the cognitive and communication changes in right hemisphere stroke.

This list of recommended readings was created in October 2023 and will be updated annually on the [righthemispherestroke.org](http://righthemispherestroke.org) website. This is not an exhaustive list.

## PREVALENCE AND DIAGNOSTIC PROCEDURES

- Berube, S. K., Goldberg, E., Sheppard, S. M., Durfee, A. Z., Ubellacker, D., Walker, A., ... & Hillis, A. E. (2022). An analysis of right hemisphere stroke discourse in the Modern Cookie Theft picture. *American journal of speech-language pathology, 31*(5S), 2301-2312. [https://doi.org/10.1044/2022\\_AJSLP-21-00294](https://doi.org/10.1044/2022_AJSLP-21-00294)
- Blake, M. L., Duffy, J. R., Myers, P. S., & Tompkins, C. A. (2002). Prevalence and patterns of right hemisphere cognitive/communicative deficits: Retrospective data from an inpatient rehabilitation unit. *Aphasiology, 16*(4-6), 537-547. <https://psycnet.apa.org/doi/10.1080/02687030244000194>
- Ferré, P., & Joannette, Y. (2016). Communication abilities following right hemisphere damage: Prevalence, evaluation, and profiles. *Perspectives of the ASHA Special Interest Groups, 1*(2), 106-115. <https://doi.org/10.1044/persp1.SIG2.106>
- Hewetson, R., Cornwell, P., & Shum, D. (2017). Cognitive-communication disorder following right hemisphere stroke: Exploring rehabilitation access and outcomes. *Topics in Stroke Rehabilitation, 24*(5), 330-336. <https://doi.org/10.1080/10749357.2017.1289622>
- Love, A., Cornwell, P., Hewetson, R., & Shum, D. (2022). Test item priorities for a screening tool to identify cognitive-communication disorder after right hemisphere stroke. *Aphasiology, 36*(6), 669-686. <https://doi.org/10.1080/02687038.2021.1897080>
- McDonald, S., Flanagan, S., Martin, I., & Saunders, C. (2004). The ecological validity of TASIT: A test of social perception. *Neuropsychological Rehabilitation, 14*(3), 285-302. <https://doi.org/10.1080/09602010343000237>
- Minga, J., Johnson, M., Blake, M. L., Fromm, D., & MacWhinney, B. (2021). Making sense of right hemisphere discourse using RHD Bank. *Topics in language disorders, 41*(1), 99. <https://doi.org/10.1097%2Ftld.0000000000000244>
- Parola, A., Gabbatore, I., Bosco, F. M., Bara, B. G., Cossa, F. M., Gindri, P., & Sacco, K. (2016). Assessment of pragmatic impairment in right hemisphere damage. *Journal of Neurolinguistics, 39*, 10-25.
- Ramsey, A., & Blake, M. L. (2020). Speech-language pathology practices for adults with right hemisphere stroke: What are we missing? *American Journal of Speech-Language Pathology, 29*(2), 741-759. [https://doi.org/10.1044/2020\\_ajslp-19-00082](https://doi.org/10.1044/2020_ajslp-19-00082)

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## CLINICAL CHARACTERISTICS

- Blake, M. L. (2017). *The right hemisphere and disorders of cognition and communication: Theory and clinical practice*. Plural Publishing
- Blake, M.L., Frymark, T., & Venedictov, R. (2013). An evidence-based systematic review on communication treatments for individuals with right hemisphere brain damage. *American Journal of Speech-Language Pathology*, 22, 146-160. [https://doi.org/10.1044/1058-0360\(2012/12-0021\)](https://doi.org/10.1044/1058-0360(2012/12-0021))
- Cornwell, P.L., Hewetson, R., Blake, M.L. (2023). Cognitive communication deficits associated with right hemisphere damage. In Kimbarow & Wallace (Eds.). *Cognitive Communication Disorders* (4<sup>th</sup> ed). Plural.
- Côté, H., Payer, M., Giroux, F., & Joannette, Y. (2007). Towards a description of clinical communication impairment profiles following right-hemisphere damage. *Aphasiology*, 21(6-8), 739-749. <https://doi.org/10.1080/02687030701192331>
- Ferré, P., & Joannette, Y. (2016). Communication abilities following right hemisphere damage: Prevalence, evaluation, and profiles. *Perspectives of the ASHA Special Interest Groups*, 1(2), 106-115. <https://doi.org/10.1044/persp1.SIG2.106>
- Ferré, P., Ska, B., Lajoie, C., Bleau, A., & Joannette, Y. (2011). Clinical focus on prosodic, discursive and pragmatic treatment for right hemisphere damaged adults: what's right? *Rehabilitation research and practice*. <https://doi.org/10.1155/2011/131820>
- Hillis Trupe, E., & Hillis, A. (1985). Paucity vs. verbosity: Another analysis of right hemisphere communication deficits. *Clinical Aphasiology*, 15, 83–96.
- Minga, J., Sheppard, S. M., Johnson, M., Hewetson, R., Cornwell, P., & Blake, M. L. (2023). Apragmatism: The renewal of a label for communication disorders associated with right hemisphere brain damage. *International Journal of Language & Communication Disorders*, 58(2), 651-666. <https://doi.org/10.1111/1460-6984.12807>
- Rodriguez, E., Belan, A. F. R., & Radanovic, M. (2022). Cognitive-communication disorder following right hemisphere damage: Narrative production. *Cerebral Circulation-Cognition and Behavior*, 3, 100147. <https://doi.org/10.1016/j.cccb.2022.100147>
- Stockbridge, M. D., Sheppard, S. M., Keator, L. M., Murray, L. L., Blake, M. L., Right Hemisphere Disorders working group, & Evidence-Based Clinical Research Committee. (2022). Apraxia subsequent to right hemisphere brain damage: A systematic review and meta-analysis. *Journal of the International Neuropsychological Society*, 28(7), 709-735.

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- Tompkins, C.A., Baumgaertner, A. Lehman, M.T., Fassbinder, W. (2000). Mechanisms of discourse comprehension impairment after right hemisphere brain damage: Suppression in lexical ambiguity resolution. *Journal of speech, language, and hearing research*, 43(1), 62-78.
- Tompkins, C. A., Fassbinder, W., Blake, M. L., Baumgaertner, A., & Jayaram, N. (2004). Inference generation during text comprehension by adults with right hemisphere brain damage. [https://doi.org/10.1044/1092-4388\(2004/103\)](https://doi.org/10.1044/1092-4388(2004/103))

## COGNITION & LOCALISATION

- Adolphs, R., Damasio, H., Tranel, D., Cooper, G., & Damasio, A. R. (2000). A role for somatosensory cortices in the visual recognition of emotion as revealed by three-dimensional lesion mapping. *Journal of Neuroscience*, 20(7), 2683–2690. <https://doi.org/10.1523/jneurosci.20-07-02683.2000>
- Balaban, N., Friedmann, N., & Ziv, M. (2016). Theory of mind impairment after right-hemisphere damage. *Aphasiology*, 30(12), 1399-1423. <https://doi.org/10.1080/02687038.2015.1137275>
- Blake, M. L. (2017). ‘I’m fine. I don’t need help with my speech.’ Clients who are unaware of their deficits may need special care. Here are some tips for treatment. *The ASHA Leader*, 22(2), 42-43.
- Dai, C.Y., Liu, W.M., Chen, S.W., Yang, C.A., Tung, Y.C., Chou, L.W., & Lin, L.C. (2014). Anosognosia, neglect and quality of life of right hemisphere stroke survivors. *European Journal of Neurology*, 21(5), 797-801. <https://doi.org/10.1111/ene.12413>
- Durfee, A. Z., Sheppard, S. M., Blake, M. L., & Hillis, A. E. (2021). Lesion loci of impaired affective prosody: A systematic review of evidence from stroke. *Brain and cognition*, 152, 105759. <https://doi.org/10.1016%2Fj.bandc.2021.105759>
- Esposito, E., Shekhtman, G., & Chen, P. (2021). Prevalence of spatial neglect post-stroke: A systematic review. *Annals of Physical and Rehabilitation Medicine*, 64(5), 101459. <https://doi.org/10.1016/j.rehab.2020.10.010>
- Gillespie, D. C., Bowen, A., & Foster, J. K. (2006). Memory impairment following right hemisphere stroke: A comparative meta-analytic and narrative review. *Clinical Neuropsychologist*, 20(1), 59–75. <https://doi.org/10.1080/13854040500203308>
- Weed, E. (2008). Theory of mind impairment in right hemisphere damage: A review of the evidence. *International Journal of Speech-Language Pathology*, 10(6), 414-424. <https://doi.org/10.1080/17549500802455429>

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## IMPACT ON PARTICIPATION, RELATIONSHIPS AND QUALITY OF LIFE

- Blonder, L. X., Pettigrew, L. C., & Kryscio, R. J. (2012). Emotion recognition and marital satisfaction in stroke. *Journal of Clinical and Experimental Neuropsychology*, 34(6), 634–642. <https://psycnet.apa.org/doi/10.1080/13803395.2012.667069>
- Cooper, C. L., Phillips, L. H., Johnston, M., Radlak, B., Hamilton, S., & McLeod, M. J. (2014). Links between emotion perception and social participation restriction following stroke. *Brain Injury*, 28(1), 122–126. <https://doi.org/10.3109/02699052.2013.848379>
- Davidson, C. S., & Wallace, S. E. (2022). Information needs for carers following a family member’s right hemisphere stroke. *Aphasiology*, 36(3), 291-316. <https://doi.org/10.1080/02687038.2021.1873906>
- Hewetson, R., Cornwell, P., & Shum, D. H. (2021). Relationship and social network change in people with impaired social cognition post right hemisphere stroke. *American Journal of Speech-Language Pathology*, 30(2S), 962-973. [https://doi.org/10.1044/2020\\_AJSLP-20-00047](https://doi.org/10.1044/2020_AJSLP-20-00047)
- Hewetson, R., Cornwell, P. & Shum, D. (2018). Social participation following right hemisphere stroke: Influence of a cognitive-communication disorder. *Aphasiology*, 32(2), 164-182. <https://doi.org/10.1080/02687038.2017.1315045>
- O’Connell, K., Marsh, A. A., Edwards, D. F., Dromerick, A. W., & Seydell-Greenwald, A. (2022). Emotion recognition impairments and social well-being following right-hemisphere stroke. *Neuropsychological rehabilitation*, 32(7), 1337-1355. <https://doi.org/10.1080/09602011.2021.1888756>