

RESEARCH ARTICLES ON FUNCTIONAL NEUROLOGICAL DISORDERS

1. Aybek, S., & Perez, D. L., (2022). Diagnosis and management of functional neurological disorder. *BMJ*, 337, <https://doi.org/10.1136/bmj.o64>
2. Bennett, K., Diamond, C., Hoeritzauer, I., Gardiner, P., McWhirter, L., Carson, A., & Stone, J. (2021). A practical review of functional neurological disorder (FND) for the general physician. *Clinical Medicine*, 21, 28-36, <https://doi.org/10.7861/clinmed.2020-0987>
3. Drane DL, Fani N, Hallett M, Khalsa SS, Perez DL, & Roberts NA (2020). A framework for understanding the pathophysiology of functional neurological disorder. *CNS Spectrums*, <https://doi.org/10.1017/S1092852920001789>
4. Finkelstein, S. A., Cortel-LeBlanc, M. A., Coretel-Leblanc, A., Stone, J. (2021). Special contribution: Functional neurological disorder in the emergency department. *Academic Emergency Medicine*, 28, 685-696, <https://doi.org/10.1111/acem.14263>
5. Hallett, M., Aybek, S., Dworetzky, B. A., McWhirter, L., Staab, J. P., Stone, J. (2022). Functional neurological disorder: new subtypes and shared mechanisms. *Lancet Neurology*. 21, 537-550. [https://doi.org/10.1016/S1474-4422\(21\)00422-1](https://doi.org/10.1016/S1474-4422(21)00422-1)
6. Keynejad, R. C., Frodl, T., Kannan, R., Pariante, C., Reuber, M., Nicholson, T. R. (2019). Stress and functional neurological disorders: mechanistic insights. *J. Neurology Neurosurgery Psychiatry*, 90, 813-821, <https://dx.doi.org/10.1136/jnnp-2018-318297>
7. Kola, S. & LaFaver, K. (2022). Functional movement disorder and functional seizures: What have we learned from different subtypes of functional neurological disorders? *Epilepsy & Behavior Reports*, 18, <https://doi.org/10.1016/j.ebr.2021.100510>
8. Perez, D. Lm Edwards, M. J., Nielsen, G., Kozłowska, K., Hallett, M., LaFrance, W. C. (2021). Decade of progress in motor functional neurological disorder: continuum the momentum. *J. Neurology Neurosurgery Psychiatry*, 92, 668-677, <https://doi.org/10.1136/jnnp-2020-323953>
9. Raynor, G. & Baslet, G. (2021). A historical review of functional neurological disorder and comparison to contemporary models. *Epilepsy & Behavior Reports*, 16, <https://doi.org/10.1016/j.ebr.2021.100489>
10. Sharma, A. A. & Szaflarski, J. P. (2021). Neuroinflammation as a pathophysiological factor in the development and maintenance of functional seizures: A hypothesis. *Epilepsy & Behavior Reports*, 16, <https://doi.org/10.1016/j.ebr.2021.100496>

PERSPECTIVES ON FND

Hallett et al. (2022): Pathophysiological and psychophysiological events that might trigger FND

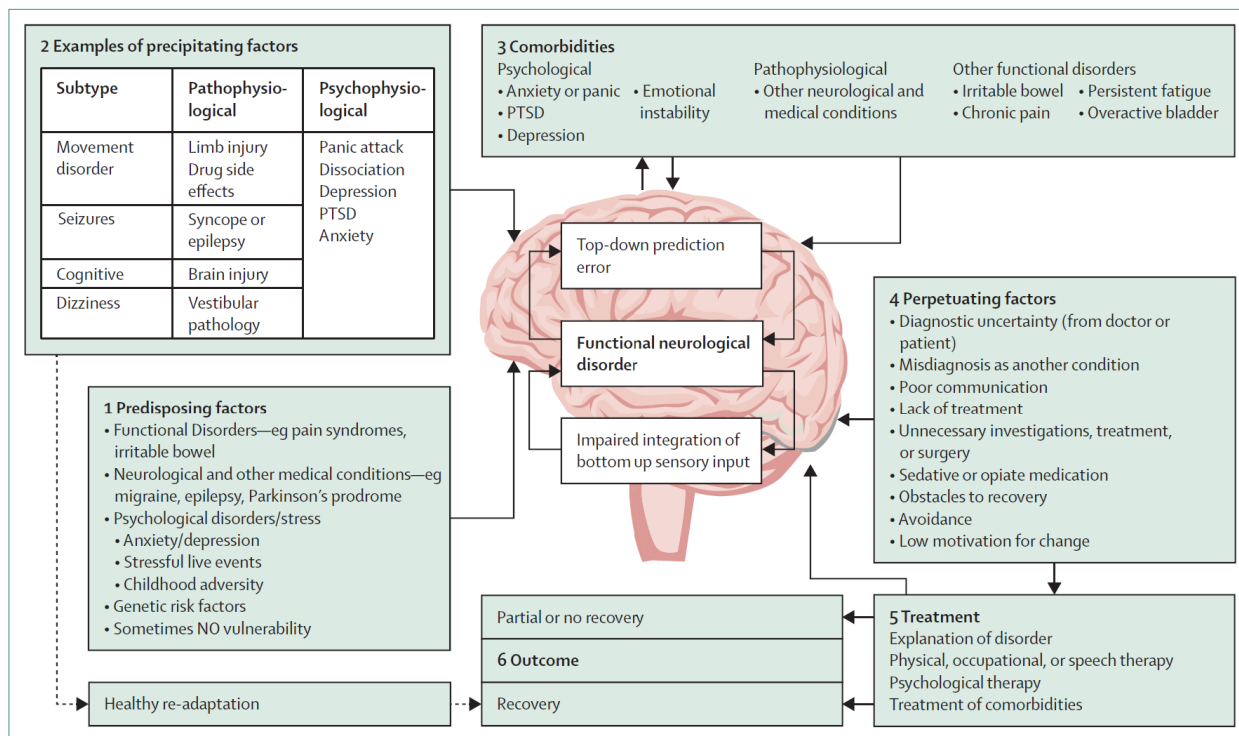
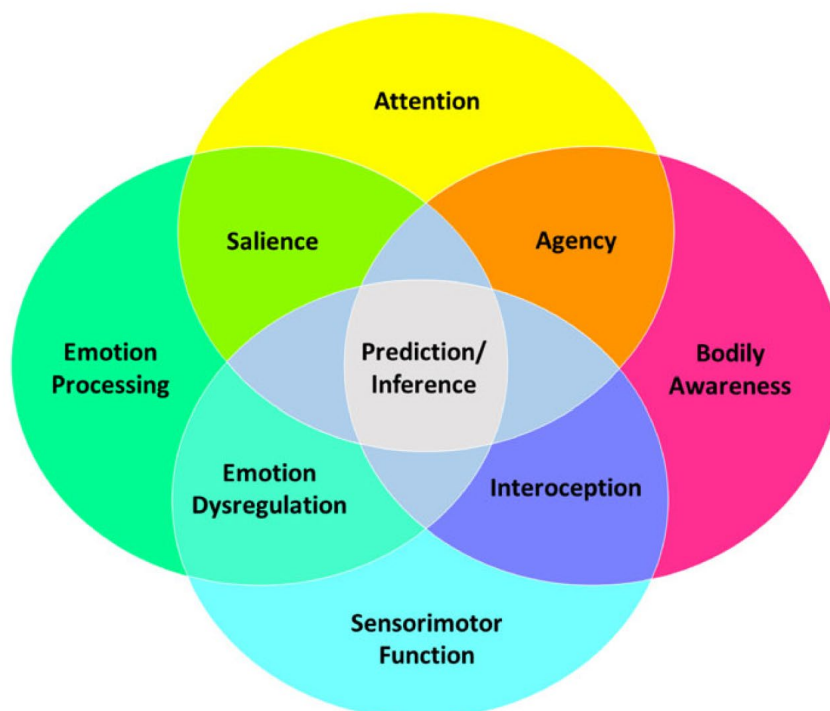
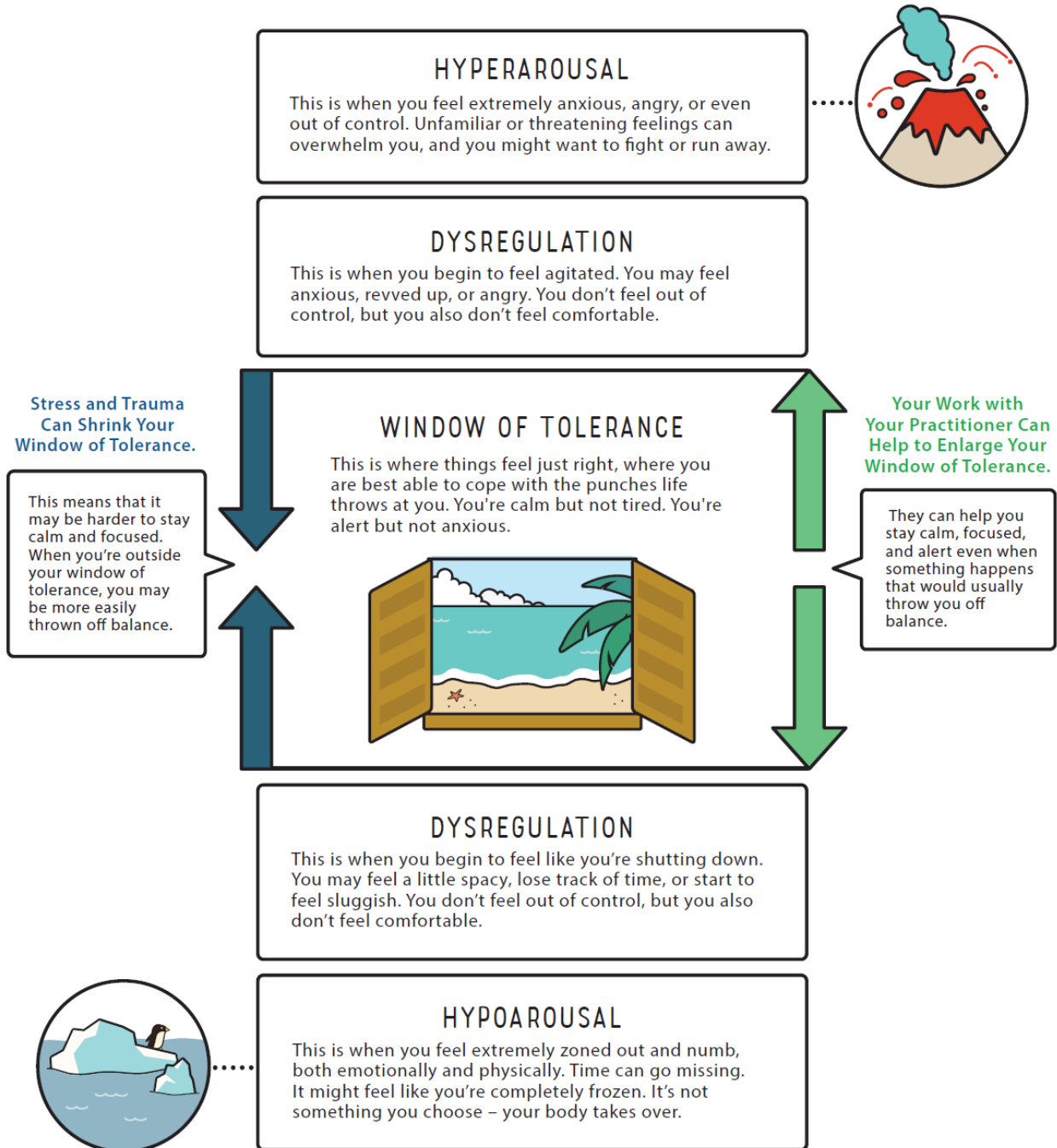


Figure 1: Pathophysiological and psychophysiological events that might trigger functional neurological disorder. The aetiology of functional neurological disorder depends on predisposing, precipitating, and perpetuating factors that affect the neural mechanisms of the disorder. The dotted line indicates that in most individuals the presence of these factors does not lead to functional neurological disorder. PTSD=post-traumatic stress disorder.

Drane et al. (2020) Abnormalities of several constructs (and associated neural circuits) can interact in different ways to produce symptoms and observable signs of FND



How Trauma Can Affect Your Window of Tolerance



WINDOW OF TOLERANCE

