

University of Groningen

## Changing perspectives using nuclear brain imaging: clinical and methodological studies

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*Document Version*

Publisher's PDF, also known as Version of record

*Publication date:*

2024

[Link to publication in University of Groningen/UMCG research database](#)

*Citation for published version (APA):*

Stormezand, G. N. (2024). *Changing perspectives using nuclear brain imaging: clinical and methodological studies*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen.

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Propositions belonging to the dissertation

Changing perspectives using to nuclear brain imaging – clinical and methodological studies

by

Gilles Stormezand

1. A degree of neuroinflammation can be present in active participants of contact sports, even in the absence of symptoms (chapter 3).
2. Chronic neuroinflammation can play a role in the development of chronic traumatic encephalopathy from repetitive head injury (chapter 2-3).
3. Neuroimaging studies in psychiatry suffer from patient related heterogeneity as different neurobiological disturbances may underlie a specific psychiatric disorder (chapter 4).
4. In compulsive pornographic addiction, different neurobiological alterations are involved when compared to substance use disorder (chapter 5).
5. An increase in molar activity of [<sup>18</sup>F]FDOPA can lead to somewhat higher uptake at physiological sites and in tumor lesions, but this is unlikely to affect image interpretation in the clinic (chapter 6).
6. Intrastratial gradient analyses of presynaptic dopaminergic PET scans show slightly different patterns of involvement within parkinsonian syndromes (chapter 7).
7. A reader reads a book. If it's a good book, he forgets himself. When the reader can't forget himself and keeps having to think about the writer the whole time, the book is a failure. The same principle applies to a dissertation. (adapted, *Herman Koch*)
8. No longer in print... There are sentences, and phrases that say much more than they seem to at first: two months to live, never heard of it, dead on arrival... For a writer, no longer in print falls in that category. (*Herman Koch*)
9. Net als in het casino kan men in het echte leven de kansen vergroten door gebruik te maken van verzwaarde dobbelstenen.