



Neurofeedback: oglinda gandurilor in lumea virtuala

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Tulburarea hiperkinetica cu deficit de atentie

(Attention Deficit Hyperactivity Disorder – **ADHD**)

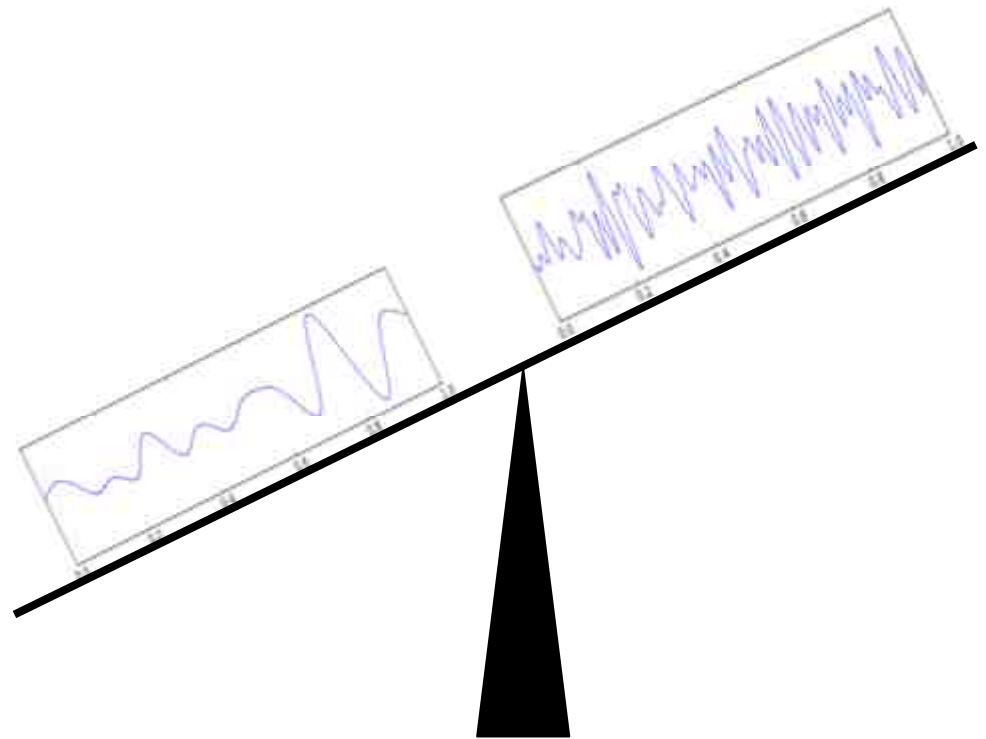


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electroencefalografie



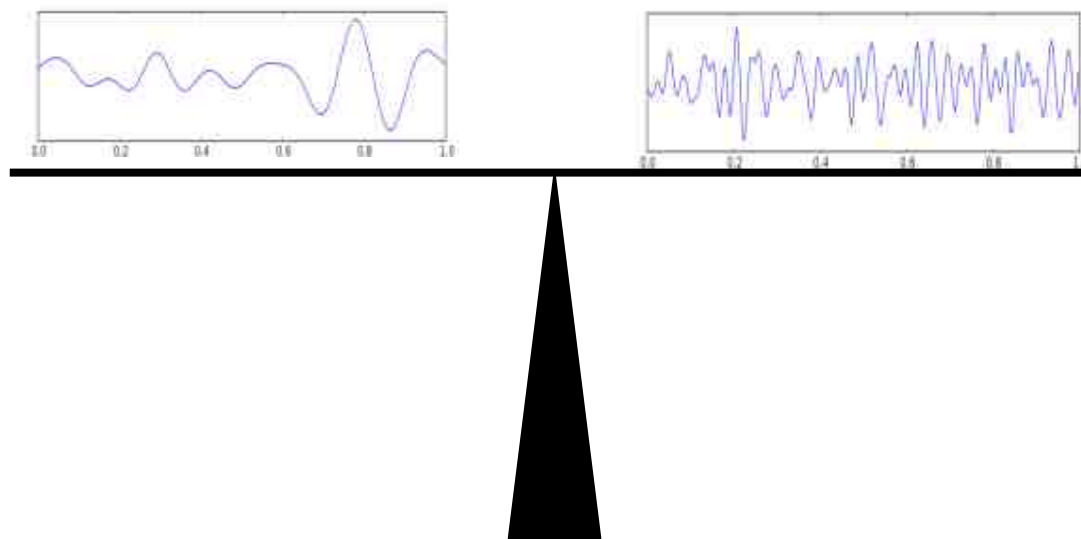
Dezechilibru balanta theta-beta

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Tratament: reechilibrare balanta theta-beta



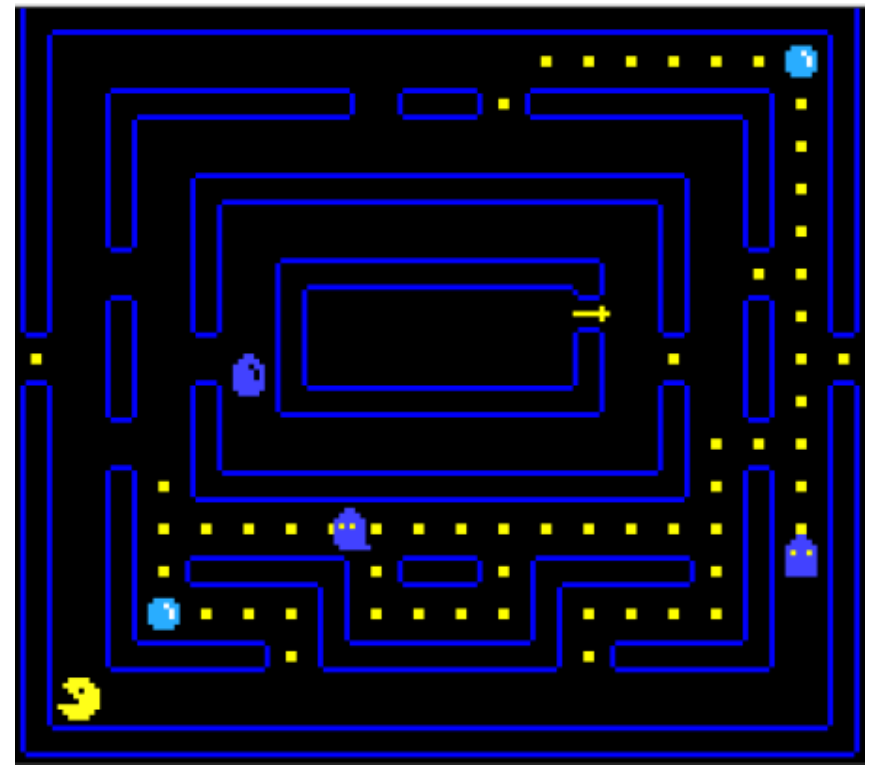
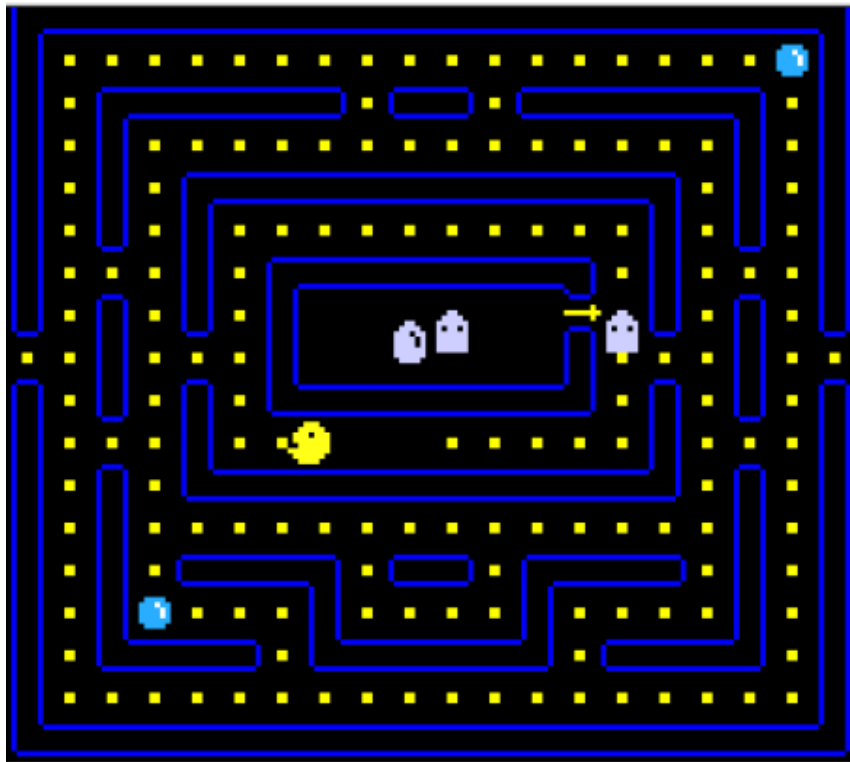
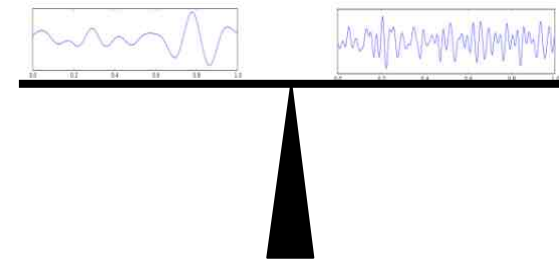
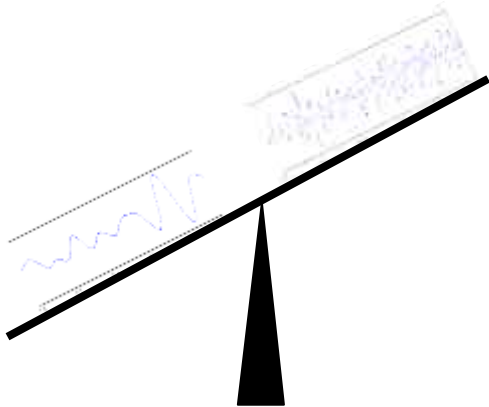


Dezavantaje tratament farmacologic:
nespecificitate → **efecte adverse**

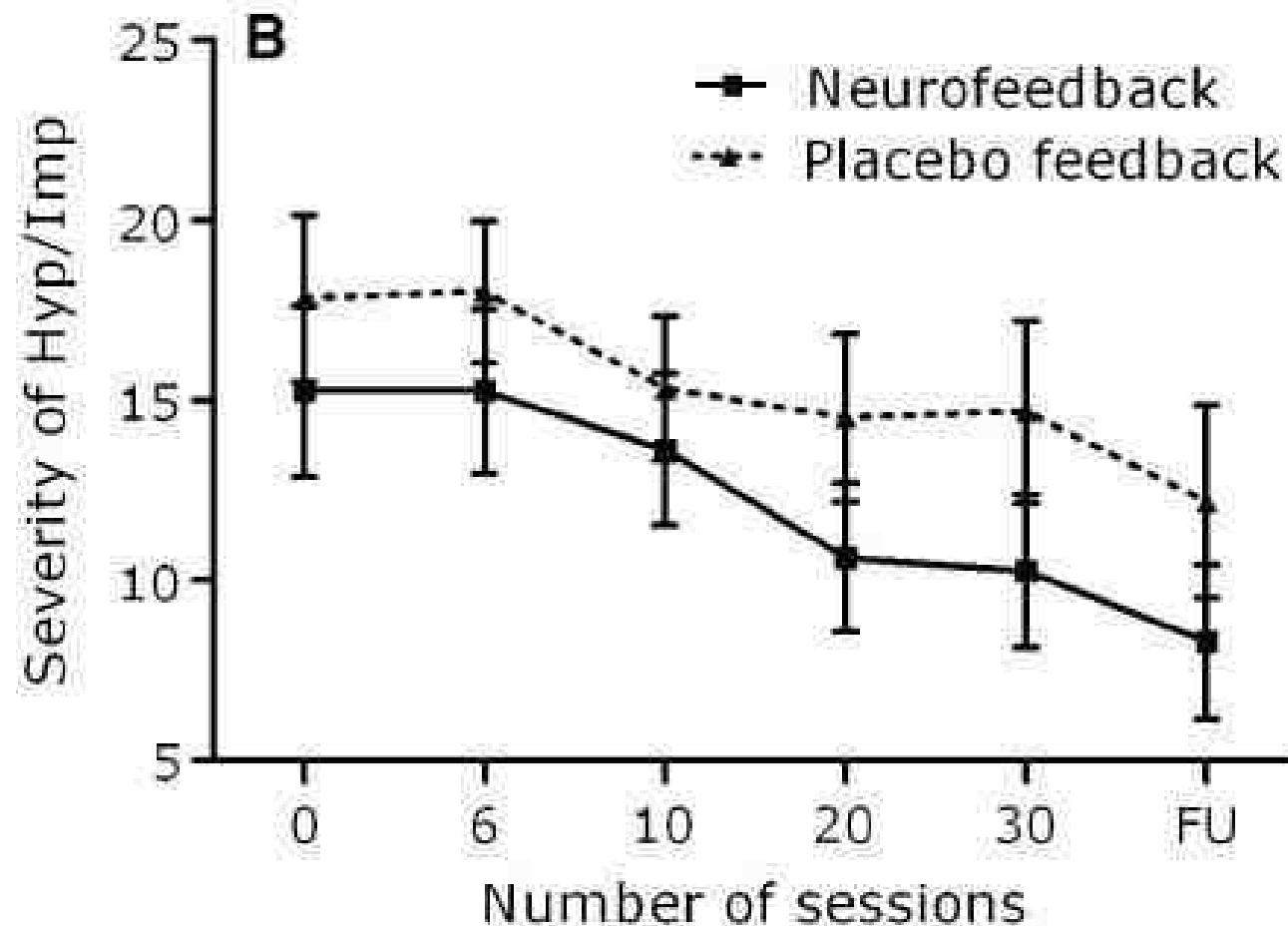
Ce este NEUROFEEDBACK?



NEUROFEEDBACK in ADHD



REZULTATE



(Lansbergen et al, J Neural Transm, 2011)

In viitor...



1) Optimizarea neurofeedback in ADHD (durata, frecventa), criterii includere pacienti

2) Neurofeedback in alte patologii ale creierului cu dezechilibru excitatie-inhibitie

Ex: stroke, epilepsie

