

FIȘA DISCIPLINEI

DENUMIREA DISCIPLINEI	NEUROFEEDBACK
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OBIECTIVE	Disciplina de cunoastere avansata ce permite aprofundarea studiilor recente in domeniul patologiilor sistemului nervos central, studiate prin inregistrari electroencefalografice si familiarizarea cu tehnicile noi in acest domeniu Implicarea, alaturi de alte discipline, la formarea unei viziuni integraliste asupra tehnicilor psihoterapeutice
TEMATICĂ GENERALĂ	<ol style="list-style-type: none"> 1. Importanta electroencefalogramei cantitative (QEEG) in neurostiinte si medicina 2. Ritmul undelor alpha 3. Ritmul undelor beta 4. Ritmul undelor theta 5. Metodologia neurofeedbackului 6. Accesarea softurilor utilizate in terapia neurofeedback 7. Neurofeedback aplicat in patologia depresiva 8. Neurofeedback aplicat in terapia anxietatii 9. Neurofeedback aplicat in terapia ADHD 10. Neurofeedback aplicat in terapia insomniilor 11. Neurofeedback aplicat in terapia deficientelor cognitive aparute in timpul traumatismelor cerebrale 12. Neurofeedback aplicat in terapia alcoolismului si a consumului de droguri 13. Neurofeedback aplicat in terapia migrenelor 14. Cercetari recente in domeniul psihoterapiei prin neurofeedback
TEMATICA LUCRARILOR PRACTICE	<ol style="list-style-type: none"> 1. Inregistrarea EEG in conditii fiziologice 2. Monitorizarea undelor alpha in conditii ochi inchisi, deschisi 3. Monitorizarea undelor alpha in conditii de relaxare/anxiogene 4. Monitorizarea undelor beta in conditii de relaxare/anxiogene 5. Inregistrarea EKG in conditii de relaxare/anxiogene 6. Tehnici de relaxare si monitorizarea parametrilor fiziologici 7. Prezentarea de referate

BIBLIOGRAFIE OBLIGATORIE	<ol style="list-style-type: none"> 1. Hardman, E., Gruzelier, J., Cheesman, K., Jones, C., Liddiard, D., Schleichert, H. and Birbaumer, N. (1997), Neuroscience Letters, 221, 117-120. 2. Gruzelier, J., Hardman, E., Wild, J., Zaman, R., Nagy, A., Hirsch, S. (1999) 34, 341-348. Special Issue on Laterality and Psychopathology. 3. Vernon, D., Frick, A. Gruzelier, J.H. (2004), Journal of Neurotherapy, 8, 53-82. 4. Gruzelier, J.H., Egner, T. (2005), Psychiatric Clinics of North America, 14, 83-104. 5. Raymond, J., Sajid, I., Parkinson, L.A. Gruzelier, J.H. (2005), Applied Psychophysiology and Biofeedback, 30, 65-73. 6. Gruzelier, J.H. (2006), IOS Press, 13-22. 7. Vernon, D.J. Gruzelier, J.H. (2008), In Ed B. N. DeLuca, Mind-Body and Relaxation Research Focus. Nova Science Publishers, Inc. 8. Gruzelier, J. H. (2009). Cognitive Processing, 10, (Suppl 1): S101-S109. 9. Ros, T., Munneke, M.A.M., Ruge, D., Gruzelier, J.H. Rothwell, J.C. (2010), European Journal of Neuroscience, 31, 770-778.
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