

**ALGORITM DE EVALUARE
COMPLEXĂ ȘI REABILITARE
A MERSULUI PRIN
EXERCITIU FIZIC
ÎN ACCIDENTELE
VASCULARE CEREBRALE**



PUBLICATIIL, LUCRARI STIINTIFEICE PREZENTATE IN 2009

Articole si lucrari publicate in publicatii cotate/indexate ISI si BDI

1. Ligia Rusu, M.L. Calina, E.T. Avramescu, E. Paun, Mirela Vasilescu- Neuromuscular investigation in diabetic polyneuropathy- *Romanian Journal of Morphology and Embryology* 2009, 50(2):283–290.
2. Copilusi C. Dumitru, N. Rusu, L. , Marin, M.- Implementation of a CAM Mechanism in a New Human Ankle Prosthesis Structure, *Annals of DAAAM International World Symposium*, Proceedings of 20thDAAAM International World Symposium, 25-28 noiembrie 2009.
3. M. Neamtu, E.T. Avramescu, Ligia Rusu- Contributions to computerized analysis and evaluation of walking in multiple sclerosis- *Medicina Sportiva*- Journal of Romanian Sports Medicine Society, suppl.2/2009 (BDI).

Comunicari la manifestari stiintifice internationale publicate in rezumat in reviste cotate ISI:

1. Ligia Rusu, E. Paun, M.M. Vasilescu, M. Dragomir- Muscle monitoring performance in stroke rehabilitation- *European Journal of Neurology* 2009, 16 (Suppl. 3), 55–334 ISSN: 1351-5101
2. Ligia Rusu, E. Paun, M. Dragomir- Gait rehabilitation after stroke using neuromuscular assessment- *European Journal of Neurology* 2009, 16 (Suppl. 3), 55–334 ISSN: 1351-5101

Comunicare prezentata la workshop:

Ligia Rusu, M. Marin, M. Dragomir, P.F. Rusu- Prediction of foot instability using biomechanical measurements- “*Movement Biomechanics and Sport*” ESB 2009 Workshop, 7-9 iunie, Science City, Zurich

Comunicari prezentate la manifestari stiintifice internationale

1. Ligia Rusu, S. Cernaianu, Vasilescu M., Baltac G., Ciocanescu D., Fortan – Assessment of knee stability using neuromuscular measurement to soccer players- *XVIII International Congress of Sport Rehabilitation and Traumatology*, Bologna, 25-26 aprilie 2009
2. Ligia Rusu, C. Copilusi, E. Paun, A. Stanimir, P.F. Rusu- Comparative study between left and right stroke using gait parameters- Proceedings of the XIX Conference of the International Society for Posture and Gait Research, Bologna, 21-25 iulie 2009.
3. C. Copilusi, N. Dumitru, M. Marin, L. Rusu- Design of new prosthetic mechanical system used in human ankle joint disarticulation *IFMBE Proceedings 25/IX*, p. 223 ff., Springer Editure, World Congress on Medical Physics and Biomedical Engineering, Munchen, 7-12 septembrie 2009.
4. Ligia Rusu, M. Vasilescu, M. Dragomir- Tensyomyography assessment of knee rehabilitation- *11th International Conference of Sport Kinetics-Current and future directions in human kinetics research*- Kallithea, 25-27 septembrie 2009.
5. Ligia Rusu- Kinetic rehabilitation in quadriceps contusion to athletes- *11th International Conference of Sport Kinetics-Current and future directions in human kinetics research*- Kallithea, 25-27 septembrie 2009.