Dragan Mirkov CV

CV

Prof. Dr. Dragan Mirkov Born on 10.05.1968, in Reutlingen, Germany



PROFESSIONAL ADDRESS Faculty of Sport and Physical

Education,

University of Belgrade Blagoja Parovica 156 11030 Belgrade

Phone: +381113531016 Fax: +381113531100

e-mail:

dragan.mirkov@dif.bg.ac.rs

RESIDENTIAL ADDRESS Tikveska 18

11118 Belgrade

Phone: +381116444998 Mob: +381646129779

e-mail: dmirkov@gmail.com

EDUCATION

SCHOOL	LOCATION	DATE	DEGREE
University of Belgrade Physics	Belgrade, Yugoslavia	1994	B.S.
University of Belgrade Biophysics	Belgrade, Yugoslavia	2001	M.S.
University of Belgrade Faculty of Sport and Physical Education	Belgrade, Yugoslavia	2003	Ph.D.

PROFESSIONAL INFORMATION

DATE	INSTITUTION	POSITION
2011-present	Justus Liebig University Gießen, Department of	Visiting Researcher
	Sports Science	
2010-present	University of Zagreb, School of Kinesiology	Professor (visiting)
2010-present	University of Split, School of Kinesiology	Researcher (visiting)
2010-present	University of Novi Sad, Faculty of Sport and	Professor (visiting)

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	Physical Education	
2010-present	University of Belgrade, Institute for Medical	Visiting Researcher
	Research, Belgrade	
2009-present	University of Belgrade, Faculty of Sport and	Associate Professor
	Physical Education	
2010-2011	Comenius University of Bratislava, Faculty of	Visiting Researcher
	Physical Education and Sports	
2003-2009	University of Belgrade, Faculty of Sport and	Assistant Professor
	Physical Education	
1997-2003	University of Belgrade, Medical School	Teaching Assistant
1994-1997	Elementary school "Milos Crnjanski", Belgrade,	Teacher
	Serbia	
1997-2009	Anglo-American High School, Belgrade, Serbia	Teacher

MANAGING EXPERIENCE

2008-2011 Vice-Dean for Financial Affairs; Faculty of Sport and Physical Education, Belgrade

PROFESSIONAL ACTIVITIES

2013-present	VIVIS Sport Med	Co-founder:
		 Research and development of professional measurement equipment for sport and rehabilitation
2011-present	<u>FIZIOCENTAR</u>	Consultant:
		 Injury risk assessment and prevention
		 Follow up of rehabilitation procedures
		 Assessment of physical abilities
2011-present	Center for Health and Sport Sciences	Consultant:
	(CHESS)	 Assessment of motor abilities
		 Education
		 Research
2008-2011	Center for Sport Training and Diagnostic	Consultant:
	<u>D&D</u>	 Assessment of physical abilities

EDITORIAL BOARDS

Kinesiologica Slovenica Physical Culture

REVIEWER

Experimental Brain Research Journal of Sport Sciences

Journal of Strength Conditioning and

Research PLOS ONE

Journal of Applied Biomechanics Journal of Human Movement

Kinesiology

Dragan Mirkov CV

MEMBERSHIPS

European College of Sport Science Sports Medicine Association of Serbia

LANGUAGES

SERBIAN: Native;

GERMAN AND ENGLISH: FLUENTLY

PUBLICATIONS

MONOGRAPHS:

1. Radisavljevic Janjic S, Milanovic I, Mirkov DM. Physical Fitness profile of Serbian Elementary School Children: Proposal of Test Battery (In Serbian). Institute for Education Quality and Evaluation, Belgrade, SERBIA (Will be published by the end of year)

BOOK CHAPTERS

1. Markovic G, Mirkov DM, Jaric S. Maximum Exercise Performance and Body Size. In: R.L. Swan (Ed) Trends in Exercise and Health Research, Nova Science Publishers, 2005, pp. 167-186.

INTERNATIONAL JOURNALS:

- 1. Knezevic O, Mirkov DM (2013) Strength assessment in athletes following an anterior cruciate ligament injury. Kinesiology. 45(2013) 1:3-15.
- 2. Markovic S, Mirkov DM, Knezevic OM, Jaric S (2013) Jump training with different loads: effects on jumping performance and power output. Eur J Appl Physiol. 2013 Jul 3.
- 3. Knezevic O, Mirkov DM. (2013) Trunk muscle activation pattern in subjects with low back pain, Vojnosanitetski pregled. 2013 Mar;70(3):315-8.
- 4. Knezevic O, Mirkov DM, Kadija M, Milovanovic D, Jaric S. (2012) Alternating consecutive maximum contraction as a test of muscle function in athletes following ACL reconstruction. Journal of Human Kinetics. Dec, 35: 5-13; ISSN 1640-5544.
- 5. Sekulic D, Spasic M, Mirkov D, Cavar M, Sattler T. (2012) Gender-specific influences of balance, speed and power on agility performance Laboratory of Sport Medicine, Faculty of Sport, University of Ljubljana, Slovenia. J Strength Cond Res. May 10. [Epub ahead of print]
- 6. Bacvarevic BB, Pazin N, Bozic PR, Mirkov D, Kukolj M, Jaric S. (2012) Evaluation of a composite test of kicking performance. J Strength Cond Res, 26(7):1945-52.
- 7. Dubljanin-Raspopović E, Kadija M, Mirkov D, Bumbasirević M (2011) Importance of open and closed kinetic chain exercises after anterior cruciate ligament reconstruction. Vojnosanit Pregl. 2011 Feb;68(2):170-4 (Serbian).
- 8. Kadija M, Knezevic O, Milovanovic D, Bumbasirevic M, Mirkov DM.(2010) Effect of isokinetic dynamometer velocity on muscle strength deficite in elite athletes. Medicina Dello Sport, 63(4): 495-508.
- 9. Mirkov DM, Kukolj M, Ugarkovic D, Koprivica VJ, Jaric S (2010) Development of anthropometric and physical performance profiles of young elite male soccer players: a longitudinal study. J Strength Cond Res. 24(10): 2677-2682.
- 10. Nedeljkovic A, Mirkov DM, Markovic S, Jaric S. (2009) Tests of Muscle Power Output Assess Rapid Movement Performance When Normalized for Body Size. J Strength Cond Res. 23(5): 1593-1605.
- 11. Nedeljkovic A, Mirkov DM, Bozic P, Jaric S.(2009) Tests of muscle power output: the role of body size. Int J Sports Med. Feb;30(2):100-6.
- 12. Mirkov D, Nedeljkovic A, Kukolj M, Ugarkovic D, Jaric S. (2008) Evaluation of the reliability of soccer-specific field tests. J Strength Cond Res.Jul;22(4):1046-50.
- 13. Nedeljkovic A, Mirkov DM, Kukolj M, Ugarkovic D, Jaric S.(2007) Effect of maturation on the relationship between physical performance and body size. J Strength Cond Res. Feb;21(1):245-50.
- 14. Nedeljkovic A, Mirkov DM, Pazin N, Jaric S. (2007) Evaluation of Margaria staircase test: the effect of body size. European Journal of Applied Physiology, 100:115-20.
- 15. Jaric S, Mirkov D, Markovic G. (2005) Normalization of muscle strength and movement performance tests for body size: A proposal for standardization. Journal of Strength and Conditioning Research 19:467-474.

16. Mirkov DM, Nedeljkovic A, Milanovic S, Jaric S. (2004) Muscle strength testing: evaluation of tests of explosive force production. Eur J Appl Physiol 91:147-154.

- 17. Mirkov DM, Milanovic S, Ilic DB, Jaric S (2002) Symmetry of discrete and oscillatory movements: does it depend on torque that the agonist and antagonist muscle can exert? Motor Control, 6:271-281.
- 18. Mirkov DM, Ilic DB, Jaric S (2000) Learning transfer of movement speed and accuracy: effects of distance and direction. Journal of Human Movement Studies, 39:237-248.
- 19. Ilic DB, Mirkov DM, Jaric S (1998) Learning transfer from flexion to extension movements: Importance of the final position. Motor Control, 2:221-227.

SUBMITED ARTICLES

- 1. Knezevic O, Mirkov DM, Kadija M, Milanovic D, Jaric S. Evaluation of isokinetic and isometric strength measures for monitoring muscle function recovery following ACL reconstruction. J Strength Cond Res. Under revision.
- 2. Markovic S, Mirkov DM, Nedeljkovic A, Jaric S. Body size and countermovement depth confound relationship between muscle power output and jumping performance. Journal of Human Movement Studies. Under revision.
- 3. Knezevic O, Mirkov DM, Kadija M, Nedeljkovic A, Jaric S. Asymmetries in quadriceps and hamstrings rate of force development after anterior cruciate ligament reconstruction. Eur J Appl Physiol. Submitted.
- 4. Radisavljevic-Janjic S, Milanovic I, Mirkov DM, Evaluation of the 20-m shuttle run test: the effect of body mass. Pediatric Exercise Science. Submitted

INVITED LECTURES:

- 1. Assessment of Strength in Sport and Rehabilitation: Overview of Methods. 11th. Annual international Conference: Physical Preparation of Athletes, Zagreb, Croatia, February 2013
- 2. Assessment of Muscle Strength and Power in Sport and Clinical Settings. 9th International Sport Science Conference, Kota Bharu, Kelantan, Malaysia, July 2012
- 3. Motor Control. Research area; Basic terms and methodology. 9th. Annual international Conference: Physical Preparation of Athletes, Zagreb, Croatia, February 2011
- 4. Physical performance of young soccer players. Invited symposia on 5th International Conference "Youth Sport 2010" Ljubljana, Slovenia, December 2010.

REFEREED PUBLICATIONS (in Serbo-Croatian)

- 1. Banicević D, Marković S, Knežević O, Nedeljković A, Mirkov DM, Dopsaj M. (2012). Reliability and validity of bilateral alternating consecutive maximum contractions as a test of neuromuscular function: a pilot study. Serbian Journal of Sport Sciences, 6(4): 137-145.
- 2. Banicević D, Marković S, Pažin N, Božić P, Radovanović S, Mirkov D (2008) Reliability of modified clinical test of sensory interaction on postural stability of 10-12 years old athletes. Yearly Book, Faculty of Physical Education, br. 15, str. 100-110, 2007-2008.
- 3. Knežević O, Mirkov D. (2011). Strength and power of knee extensor muscles. Physical Culture, vol. 65, br. 2, str. 5-15.
- 4. Mirkov DM, Nedeljković A. (2003): Sensitivity and reliability of strength and RFD tests after resistance training interventions. Physical Culture, vol. 56. 1-4, 34-42.

CONFERENCE PAPERS (International)

 Knezevic O, Mirkov DM, Drljacic D, Kadija M. Rate of Force Development as an Adjunctive Outcome Measure in patients rehabilitating after anterior cruciate ligament reconstruction: Patellar tendon vs. semitendinosus gracilis tendon. 6th Conference for Youth Sport. Bled, Slovenia December 06-09, 2012.

- 2. Mirkov DM, Knezevic O. Assessment of neuromuscular function in patients after ACL reconstruction: Overview of different testing protocols. 6th International Posture symposium September 15-18, 2011 Smolenice castle, Slovakia, September, 2011.
- 3. Mirkov D, Knezevic O, Jelic M, Sikimic M, Ilic V, Nesic G. Profiling functional performance of 14-16 year old female volleyball players, 16th Annual Congress of the European College of Sport Science, Liverpool, UK, July, 2011.
- Knezevic O, Mirkov DM. Prediction of optimal HQ ratio in test of consecutive maximal contractions, 16th Annual Congress of the European College of Sport Science, Liverpool, UK, July, 2011
- 5. Knezevic O, Kadija M, Milovanovic D, Mirkov DM. Primena testa skok uvis sa jedne noge u praćenju oporavka nakon operacije LCA: Pilot studija. Međunarodna naučna koferencija "Sport za sve", Beograd, Srbija, Decembar 10-11.2010. 15th Annual Congress of the European College of Sport Science, Antalya, Turkey, June, 2010.
- Knezevic O, Pazin N, Planic N, Mirkov DM. Effect of different joint angles on the knee flexor and extensor rate of force development during maximal isometric contraction. 7th International Conference on Strength Training. Bratislava: Faculty of Physical Education and Sport, October 2010.
- 7. Knezevic O, Pazin N, Kadija M, Milovanovic D, Mirkov DM. Prediction of optimal isometric hamstring to quadriceps ratio. 7th International Conference on Strength Training. Bratislava: Faculty of Physical Education and Sport, October, 2010.
- 8. Knezevic O, Kadija M, Milovanovic D, Pazin N, Mirkov D. Sensitivity of a novel muscle strength test applied on the athletes with acl injuries. 15th Annual Congress of the European College of Sport Science, Antalya, Turkey, June, 2010.
- 9. Knezevic O, Kadija M, Milovanovic D, Mirkov D. Isometric and isokinetic muscle strength evaluation following ACL reconstruction in elite athletes: Pilot study, FISU Conference, 25th Universiade, Belgrade, Serbia, July 2009.
- 10. Mirkov D, Knezevic O, Kadija M, Milovanovic D, Pazin N. Evaluation of a novel muscle strength test for athletes with ACL injury, 14th Annual Congress of the European College of Sport Science, Oslo, Norway, June, 2009.
- 11. Milovanovic D, Bumbasirevic M, Knezevic O, Mirkov D, Kadija M. Muscle Strength Evaluation at Early Rehabilitation Phase after LCA Reconstruction. Pilot Study. Congress of Macedonian Orthopaedic and Traumatology Association. Ohrid, Macedonia, May 2009.
- 12. Milanovic I, Radisavljevic-Janic S, Mirkov D. Physical fitness in normal and overweight primary school girls and boys. International scientific symposia: Youth Sport, the heart of Europe. Ljubljana, Slovenia, November 2008.
- 13. Kukolj M, Mirkov D. Difference between countermovement jump heights with and without arm swing: importance for selection and development in soccer and basketball. 5th International Scientific Conference on Kinesiology, SEP 10-14, 2008 Zagreb, Croatia.
- 14. Radovanovic S, Dragasevic N, Markovic S, Mirkov D, Petrovic I, Svetel M, Kostic V. Cognitive and motor dual task effect on posture and balance impairment in parkinsons disease patients. 2nd International Congress on Gait and Mental Function, Amsterdam, 1-3 February 2008
- 15. Nedeljkovic A, Mirkov D, Markovic S, Jaric S. Effect of body size on the structure of physical abilities. 12th Annual Congress of the European College of Sport Science, Yavaskyla, Finland, 2007.
- 16. Mirkov D, Nedeljkovic A, Bozic P, Jaric S. Direct muscle power assessment: Role of body size. 12th Annual Congress of the European College of Sport Science, Yavaskyla, Finland, 2007.

17. Mirkov DM. Nedeljkovic A, Jaric S. Evaluation of soccer-specific field tests. 5th World Congress of Biomechanics, Munich, Germany, 2006.

- 18. Nedeljkovic A, Mirkov DM, Kukolj M, Ugarkovic U, Jaric S. Effect of maturation on the relationship between physical performance and body size. 5th World Congress of Biomechanics, Munich, Germany, 2006.
- 19. Jaric S, Markovic G, Mirkov DM, Exercise performance in humans: Role of body size, 4TH INTERNATIONAL SCIENFIFIC CONFERENCE ON KINESIOLOGY, PROCEEDINGS BOOK SCIENCE AND PROFESSION CHALLENGE FOR THE FUTURE: 368-371, 2005
- 20. Nedeljkovic A, Suzovic D, Mirkov DM.: A comparison of the effects of two different drop jump training method modalities on jumping performance and muscle strength. Abstract Book. 10th anual. Congress of the European College of Sport Science. Belgrade, Serbia and Montenegro, July 2005
- 21. Kukolj M, Ugarkovic D, Mirkov D, Jaric S. Profiling functional performance of 12 to 18 years-old elite junior soccer players. 7th IOC Olympic World Congress, Athens, Greece, October 2003.
- 22. Mirkov D, Nedeljkovic A, Milanovic S, Jaric S. Muscle strength testing: evaluation of tests of explosive force production. 7th IOC Olympic World Congress, Athens, Greece, October 2003.
- 23. Jaric S, Raudsepp J, Djupsjöbacka M, Mirkov DM, Sandlund J, Nedeljkovic A, Johansson H. Relationship between visually perceived external space and physical properties of human body. Progress in Motor Control IV, Caen, France August 20-23, 2003

CONFERENCE PAPERS (National)

- 1. Mirkov D. Standardne dinamometrijske metode u proceni neuromišićne funkcije. 9. Kongres kliničke neurofiziologije sa međunarodnim učešćem, Beograd, Srbija, 15-17.10.2009.
- 2. Kadija M, Milovanović D, Knezević O, Mirkov D, Bumbaširević M. Razlike između dve hirurške tehnike u ranoj fazi rehabilitacije nakon rekonstrukcije LCA. I kongres srpske traumatološke asocijacije STA 2009 sa međunarodnim učešćem, Subotica, Srbija, 23-26.09.2009.
- 3. Kukolj, M., Ugarković, D., Mirkov, D. Razvojne karakteristike fudbalera. Analitika i dijagnostika fizičke aktivnosti. Naučni skup Fakulteta sporta i fizičkog vaspitanja, Beograd, Srbija, Decembar 2007.
- 4. Mirkov DM, Nedeljković A. Osetljivost testova za procenu mišićne jačine i brzine razvoja sile na promene izazvane treningom jačine. Zbornik sažetaka Prvog srpskog kongresa sportskih nauka i medicine sporta, Beograd, 52.

Dragan Mirkov TEACHING ACTIVITIES

TEACHING ACTIVITIES

Teaching activities involve:

- Planning, preparing and teaching courses on all academic levels
- Assessing, recording and reporting students' academic achievement.
- Organizing, coordinating and supervising research activities of graduate students.

COURSES

NUMBER	NAME	DEGREE
ДРЕО2	Statistics in Physical Education and Sport	Doctoral
ДРЕИ1	Biomechanics	Doctoral
ДА1002	Information Systems in Physical Education and Sport	Master
OA4O33	Introduction in Research Methods	Bachelor
ОА1И02	Information Technology	Bachelor

COURSE ORGANISATION

For all courses I have designed SUBJECT WEB PAGE, where all necessary information (Syllabus; Lectures; Weekly activities; Test Dates; Grading; Homework; Additional Course work material; Exercises with solutions) are posted. The web page is being updated on the weekly basis.

https://sites.google.com/site/merenjeievalucijaufvisportu/

https://sites.google.com/site/statistikafvsport/

http://www.fsfv.bg.ac.rs/~metodologija/index.htm

https://sites.google.com/site/isusportu/

http://www.fsfv.bg.ac.rs/~informatika/index.htm

GRADUATE STUDENTS ON SUPERVISION

- 1. Markovic Srdjan (PhD program of Faculty of Sport and Physical Education, University of Belgrade)
- 2. Planic Nenad (PhD program of Faculty of Sport and Physical Education, University of Belgrade)
- 3. Petronijevic Milan (PhD program of Faculty of Sport and Physical Education, University of Belgrade)
- 4. Milan Jelic (Co-supervisor, PhD program of Faculty of Sport and Physical Education, University of Belgrade)
- 5. Cvita Gregov (Co-supervisor, PhD program of School of Kinesiology, University of Zagreb)

Ph.D. STUDENTS SUPERVISED

- 1. Olivera Knezevic, PhD program of Faculty of Sport and Physical Education, University of Belgrade, thesis defended in 2013)
- 2. Aleksandar Nedeljkovic (co-supervisor, PhD program of Faculty of Sport and Physical Education, University of Belgrade, thesis defended in 2008)
- 3. Suzovic Dejan (co-supervisor, PhD program of Faculty of Sport and Physical Education, University of Belgrade, thesis defended in 2009)

MASTER STUDENTS SUPERVISED

- 1. Sasa Kostic (MS program of Faculty of Sport and Physical Education, University of Belgrade, thesis defended in 2008)
- 2. Dragan Banicevic (MS program of Faculty Sport and Physical Education, University of Belgrade, thesis defended in 2009)

Dragan Mirkov RESEARCH ACTIVITIES

RESEARCH PROJECTS

CURRENT AND RECENT GRANTS

2012-2014 P.I.

Development of national physical fitness test battery for elementary schoolchildren.

Institute for Education Quality and Evaluation, Belgrade, SERBIA, EUR 15000 (direct costs)

2010-2011 P.I.

Muscular power in resistances exercise under unstable conditions. International Bilateral

Cooperation (Slovakia-Serbia), EUR 5000 (direct costs)

2011-2014 Co.I.

Neural and muscular factors and their adaptive changes in human locomotion. (#175037).

Serbian Research Foundation, EUR 150 000 (direct costs), (P.I. Aleksandar Nedeljkovic)

2011-2014 Co.I.

Noninvasive modulation of the cortical excitability and plasticity: Development of methods for noninvasive neuromodulation of the Central Nervous System in examination

of physiological mechanisms, diagnostics and therapy. (#175012). Serbian Scientific Fund,

EUR 250 000 (direct costs), (P.I. Sasa Filipovic)

2006-2010 Co.I.

Evaluation of methods for assessment of the role of muscular and neural factors and their

adaptive changes in human locomotion (#145 082). Serbian Research Foundation, EUR

110 000 (direct costs), (P.I. Slobodan Jaric)

2002-2005 Co.I.

Role of central and peripheral factors in kinematics of voluntary movements (#1758).

Serbian Research Foundation, EUR 70 000(direct costs), (P.I. Slobodan Jaric)

SCIENTIFIC COOPERATION:

2010-pressent Evaluation of novel tests of neuromuscular function, College of Health Sciences University

of Delaware, (R21AR06065), NIH - NIAMS, \$420,000 (direct costs), (P.I. Slobodan Jaric)

2010-present Development of Specific Field Tests in Kinesiology. School of Kinesiology, University of

Split, Croatian Scientific Fund (P.I. Damir Sekulic)

2012-present Development and Evaluation of Handball Specific Jump Tests. Department of Sports

Science, Justus Liebig University Gießen Funded by German National Institute of Sports

(P.I. Hermann Müller)

FUTURE RESEARCH ACTIVITIES

The projects listed below are planned in accordance to ongoing research activities and interests. One part is directed to the major research line (Central and peripheral factors of neuromuscular function) where one of the aims is to establish reliable, cost-effective and user friendly framework in diagnostic of muscle function, both in sport and clinical settings. In addition to the basic research direction, an important part presents the further evaluation of the general and specific diagnostic methods in sport, with emphasize on risk injury management and improvement of specific skills and abilities. The third research direction is aimed to promote the importance of assessment of health related physical fitness in schoolchildren: In the moment we are analyzing data derived from a national cross-sectional school-based study that evaluated physical activity, physical fitness, and overweight/obesity prevalence. The aim of this study is to provide normative values for the selected tests, as a first step in creating National Database and Central Information system. The system should provide an easy way for physical education teachers to report children and their parents on children's fitness levels

RESEARCH PROPOSAL NAME

Assessment of neuromuscular function after total knee arthroplasty

CO-RESEARCHERS

Olivera Knezevic, Institute for Medical Research Serbia and Marko Kadija, Institute for Orthopaedic Surgery and Traumatology, Clinical Centre of Serbia

PLACE

Research Center, Faculty of Sport and Physical Education, and Institute for Orthopaedic Surgery and Traumatology Belgrade

Isometric trunk muscle endurance tests in low back pain - risk assessment

Olivera Knezevic, Institute for Medical Research, Serbia

Research Center, Faculty of Sport and Physical Education and Institute for Neurology, Medical School, University of Belgrade

Establishment of national physical fitness standards for elementary schoolchildren

Development of the composite handball performance specific test: Relationship among precision, throwing velocity and jumping ability in handball

Snezana Radisavljevic-Janic and Ivana Milanovic, Faculty of Sport and Physical Education, University of Belgrade Milan Petronijevic and Olivera Knezevic, Faculty of Sport and Physical Education, University of Belgrade and Roland van den Tillaar, from The Research Centre of Sports Sciences, Health and Human Development – CIDESD; Sogn og Fjordane, University College, Norway

Research Center, Faculty of Sport and Physical Education

The Research Centre of Sports Sciences, Health and Human Development – CIDESD; Sogn og Fjordane University College, Norway and Research Center

Evaluation of contractile muscle properties: Methodological considerations

Hermann Müller, Heiko Maurer, Lisa Maurer; Department of Sports Science, Justus Liebig University Gießen and Olivera Knezevic, Institute for Medical Research, Belgrade. Department of Sports Science, Justus Liebig University Gießen and Research Center, Faculty of Sport and Physical Education

Dragan Mirkov

FUTURE RESEARCH ACTIVITIES

Exploring the potential of smartphone accelerometers for performance diagnostics in sports

In cooperation with Hermann Müller and Katja Ferger; Department of Sports Science, Justus Liebig University Gießen Funded by German National Institute of Sports (P.I. Hermann Müller) Department of Sports Science, Justus Liebig University Gießen and Research Center, Faculty of Sport and Physical Education

MOST IMPORTANT PUBLICATIONS

BOOK CHAPTER

Markovic G, Mirkov DM, Jaric S. Maximum Exercise Performance and Body Size. In: R.L. Swan (Ed) Trends in Exercise and Health Research, Nova Science Publishers, 2005, pp. 167-186.

ARTICLES

Knezevic O. Mirkov DM. (2013) Strength assessment in athletes following an anterior cruciate ligament injury. Kinesiology;45(1):3-15.

Markovic S, Mirkov DM, Knezevic OM, Jaric S (2013) Jump training with different loads: effects on jumping performance and power output. Eur J Appl Physiol. 2013 Jul 3

Mirkov DM, Nedeljkovic A, Kukolj M, Ugarkovic D, Jaric S. (2008) Evaluation of the reliability of soccer-specific field tests. J Strength Cond Res.Jul;22(4):1046-50.

Mirkov DM, Nedeljkovic A, Milanovic S, Jaric S. (2004) Muscle strength testing: evaluation of tests of explosive force production. Eur J Appl Physiol 91:147-154.