

XIVth CONGRESS OF SPORTS MEDICINE

**September 21-24, 2006
Albena Resort, Bulgaria**

**PROGRAM
&
ABSTRACT BOOK**

PROGRAM TIMETABLE

Thursday 21 September, 2006

10.00 – 19.00 Registration for congress attendees

20.00 Welcome Cocktail

Friday 22 September, 2006

09.00 – 10.30 **FORMAL OPENING – HALL A**

Opening addresses:

Assoc. Prof. Ivan Maznev, MD, PhD,
President of Bulgarian Scientific Society of Sports Medicine
and Kinesitherapy

Vesela Lecheva,
President of the State Agency of Youth and Sport

Prof. Lachezar Dimitrov, PhD,
Rector of National Sports Academy "V. Levski", Bulgaria

Prof. Maria Toteva, MD, DSc,
President of the Scientific Committee of the Congress

Opening lecture:

Sports Trauma – Philosophy of the problem
Prof. Dimitar Shoilev, MD, DSc

10.30 – 11.00 Coffee break

11.00 – 12.30 **Session 1A – HALL A Session 1B – HALL B**

12.30 – 14.00 Lunch break

14.00 – 15.30 **Session 2A – HALL A Session 2B – HALL B**

15.30 – 16.00 Coffee break

16.00 – 18.00 **Session 3A – HALL A Session 3A – HALL A**

20.00 Social program (optional) - Folklore dinner

08.00 – 18.00 **Poster exhibition:**

08.00 – 09.00 Arrangement of posters - №№ P1- P34

10.30 – 11.00 Poster discussion

At least one author must be near the poster during the coffee break for discussion and to provide any other useful information.

Saturday 23 September, 2006

09.00 – 10.30 **Session 4A – Hall A** **Session 4B – Hall B**

10.30 – 11.00 Coffee break

11.00 – 12.30 **Session 5A – Hall A** **Session 5B – Hall B**

12.30 – 14.00 Lunch break

14.00 – 16.00 **Symposium – Hall A**

16.00 **CLOSE OF CONGRESS**

20.00 Social program (optional) - Gala dinner

8.00 – 18.00 **Poster exhibition:**

08.00 – 09.00 Arrangement of posters - №№ P35 – P68

10.30 – 11.00 Poster discussion

At least one author must be near the poster during the coffee break for discussion and to provide any other useful information.

Sunday 24 September, 2006

Social program (optional):

- Sightseeing tour to Balchik
- “Culinary traditions” tour, incl. lunch

SCIENTIFIC PROGRAMM

Friday 22th September, 2006

HALL A

Session 1A – Sports and the Heart

Moderators: Prof. Mladen Grigorov, MD, DSc, **Bulgaria**
Assoc. Prof. Sergey Pintilei, MD, PhD, **Moldova**

Lecture: Physical activity and cardio-vascular diseases.
Ts. Katova,
*National Heart Hospital, Sofia, **Bulgaria***

Lecture: Indications for electro-physiological examination in athletes.
B. Dinov,
*National Heart Hospital, Sofia, **Bulgaria***

Free oral presentations & discussion:

O#1 High altitude functional changes in breathing and circulation.
M. Grigorov,
*II State Hospital, Sofia, **Bulgaria***

O#2 Echocardiographic changes due to a high altitude exposure in alpinists.
L. Mladenov, I. Maznev,
*Dept. Sports Medicine, National Sports Academy "V. Levski", Sofia, **Bulgaria***

O#3 Effects of time of day on maximal anaerobic performance and selected responses.
A. Kin-Isler, A. Ozkan,
*Baskent University, Department of Sport Sciences, Ankara, **Turkey***

O#4 Analysis of VO₂ off-kinetics using different time intervals for measurements.
E. Pavlova, L. Mladenov,
Dept. Physiology and Biochemistry,
*National Sports Academy "V. Levski", Sofia, **Bulgaria***

- O#5** Are there any distinct blood flow patterns in the thigh and calf of athletes, normal volunteers and patients with claudication at rest, during, and after exercise?
*N. Angelides, Ch. Constandinou, N. Christofides,
Nicozia general hospital, **Cyprus**,
Imperial College of London University, **UK***

Session 2A – Sports and the Heart

- Moderators:** Prof. Tsvetana Katova, MD, PhD, **Bulgaria**
Dr. Nenad Dikic, MD, PhD, **Serbia**
- Lecture:** Medical treatment of hypertension and coronary heart diseases in physically active people and athletes.
*M. Grigorov,
II State Hospital, Sofia, **Bulgaria***
- Lecture:** New ERC/AHA recommendations and role of AED in Sport.
*Nenad Dikic,
Sports Medicine Association of Serbia, **Serbia***
- Symposium:** Case studies of cardiac abnormalities in sport by Sports Cardiology Section of European Association for Cardiovascular Prevention and Rehabilitation (EACPR)
*Nenad Dikic,
Sports Medicine Association of Serbia, **Serbia**,
Francois Carre,
Dept. Sports Biology and Medicine CHU, **France***

Session 3A

- Moderators:** Prof. Maria Toteva, MD, DSc, **Bulgaria**
Prof. Petar Bonov, DSc, **Bulgaria**
- Lecture:** History of ECSS and its place in international sport scientific community.
*Garard King, **Germany**
European College of Sports Sciences*
- Lecture:** Current research in football worldwide.
*Thomas Reilly, **UK**
European College of Sports Sciences*

HALL B

Session 1B – Sports injuries

Moderators: Prof. Tivchev, MD, DSc
Prof. Emin Ergen , MD, PhD

Lecture: Principles of alternative treatment of patients with acute shoulder dislocation.
V. Matev,
Hospital of Orthopaedics, Traumatology and Sports Medicine,
*Sofia, **Bulgaria***

Lecture: Miniinvasive methods for treatment of discal neck and low back pain.
Y. Yovkov,
*Munche, **Germany***

Free oral presentations & discussion:

O#6 Sports injuries in cranio-facial region.
A. Djorov, R. Kolarov, L. Stefanov,
*University Hospital of Cranio-Facial Surgeon, Sofia, **Bulgaria***

O#7 Treatment of shoulder instability in athletes.
V. Russimov, A. Georgiev, E. Takov,
*Emergency Hospital “N. Pirogov”, Sofia, **Bulgaria***

O#8 Operative techniques for treatment of acromio-clavicular dislocation.
V. Russimov, A. Georgiev, N. Tivchev, E. Takov, V. Ivanov,
*Emergency Hospital “N. Pirogov”, Sofia, **Bulgaria***
*University Hospital “C. Ioanna”, Sofia, **Bulgaria***

O#9 Injuries of the proximal Biceps-labrum complex in athletes.
A. Asparuchov, G. Dimitrov,
*University Hospital Pleven, **Bulgaria***

O#10 Errors and complications in the operative treatment of shoulder instability.
B. Matev, V. Matev,
University Orthopaedic Hospital “Prof. B.Boichev”, Sofia;
Hospital of Orthopaedics, Traumatology and Sports Medicine,
*Sofia, **Bulgaria***

Session 2B – Sports injuries

Moderators: Prof. Dimitar Shoilev, MD, DSc
Assoc. Prof. Konstantinos Natsis, MD, PhD

Lecture: Sports injuries of the hip – arthroscopic diagnosis.
P. Tivchev,
*University Hospital “C. Ioanna”, Sofia, **Bulgaria***

Lecture: Arthroscopic ACL reconstruction with hamstring autograft.
A. Georgiev,
*Emergency Hospital “N. Pirogov”, Sofia, **Bulgaria***

Free oral presentations & discussion:

O#11 Evaluation of knee laxity and fear of re-injury in athletes with reconstructed ACL injuries. *Ulkar B.¹, Unver F.², Ozkan F.¹*
*¹Ankara University School of Medicine, Sports Medicine Dept., Ankara, **Turkey***
*²Pamukkale University School of Physical Education and Sports, Denizli, **Turkey***

O#12 Arthroscopic ACL reconstruction using BTB and cross pin fixation – early results.
D. Hubenov, G. Damyanov, V. Timushev,
*Hospital of Orthopaedics, Traumatology and Sports Medicine, Sofia, **Bulgaria***

O#13 Rigid fix stabilization of the bone-tendon-bone graft in reconstructive operations of the ACL of the knee.
A. Asparuchov, D. Mutishev, M. Kablan,
*University Hospital Pleven, **Bulgaria***

O#14 Concept for anatomic repair of ACL.
Ch. Mazneikov, A. Muradov, K. Michov, Zagorov,
*University Orthopaedic Hospital “Prof. B.Boichev”, Sofia, **Bulgaria***

O#15 Acute first time hamstring strains during high speed running – palpation and MRI are useful in predicting recovery time.
Asklings C.^{1,2}, Thorstensson A.¹
¹The Swedish School of Sport and Health Sciences, Stockholm,
*²Department of Molecular Medicine and Surgery, Section of Orthopedics and Sports Medicine, Karolinska Institutet, Stockholm, **Sweden***

Session 3B – Sports injuries

Moderators: Dr. Valentin Matev, MD
Dr. Wolfgang Haller, MD

Lecture: Functional anatomy of normal and injured knee.
K. Natsis,
Department of Anatomy, Medical School, Aristotle University of
*Thessaloniki, **Greece***

Lecture: Soft tissues injuries of the knee – behaviour.
A. Andreev,
University Orthopaedic Hospital “Prof. B.Boichev”, Sofia,
Bulgaria

Lecture: Meniscal injuries – modern methods of treatment.
Ch. Mazneikov,
*University Orthopaedic Hospital “Prof. B.Boichev”, **Bulgaria***

Free oral presentations & discussion:

O#16 Evaluation of white arthroscopies in sportsmen.
*Z. Temelkovski, **Macedonia***

O#17 Therapeutic principles for the treatment of traumatic injuries of the Achilles tendon.
V. Matev, N. Fillipov, G. Damyanov, V. Timushev,
Hospital of Orthopaedics, Traumatology and Sports Medicine,
*Sofia, **Bulgaria***

O#18 Treatment of the thoracic outlet syndrome.
L. Stokov, A. Djerov, A. Parushev,
University Orthopaedic Hospital “Prof. B.Boichev”, Sofia,
Bulgaria

O#19 Correlation of a unilateral accessory lumbosacral arthrosis with antalgic scoliosis in 8 patients with chronic low back pain.
Natsis K.¹, Tsitouridis I.², Totlis T.¹, Terzidis I.¹, Beletsiotis A.³, Kiriakidis A.³
¹Deprt. of Anatomy, Medical School, Aristotle University of Thessaloniki
²Department of Radiology, Papageorgiou Hospital, Thessaloniki
*³2nd Orthopaedic Department, Papageorgiou Hospital, Thessaloniki, **Greece***

Moderators: Assoc. Prof. Antoni Georgiev, MD, PhD
Dr. Z. Temelkovski, MD, PhD

Lecture: Modern trends in treatment of traumatic cartilage damages in athletes.
W. Haller,
*Munchen, **Germany***

Lecture: Ankle arthroscopy – the rule in sports traumatology.
D. Hubenov,
Hospital of Orthopaedics, Traumatology and Sports Medicine,
*Sofia, **Bulgaria***

Free oral presentations & discussion:

O#20 Sports injuries during snowboard. *V. Tsanov, Emergency Hospital “N. Pirogov”, **Bulgaria***

O#21 Methodological approaches of risk factors in sport traumatology in volleyball. *T. Avramescu, M. Vasilescu, L. Rusu, I. Ilinca, Z. Mihaela,*
Faculty of Physical Education and Sports, University of Craiova,
Romania

O#22 Muscle injuries in football players.
I. Doichev, V. Taseva,
*Professional football club “Levski”, **Bulgaria***
*Emergency Hospital “Pirogov”, **Bulgaria***

O#23 Physical activity. Competitive sport. Energy balance.
S. Bonev, G. Damyanov, A. Ploshtakov,
Hospital of Orthopaedics, Traumatology and Sports Medicine,
*Sofia, **Bulgaria***

Saturday 23th September, 2006

HALL A

Session 3A

Moderators: Prof. Traiana Djarova, MD, DSc
Assoc. Prof. Diana Dimitrova, MD, PhD

Lecture: Kinanthropometric issues to the growth and maturation of elite female gymnasts. *Albrecht Claessens, Dept. Medical Kinesiology, Faculty of Kinesiology and Rehabilitation Sciences, Catholic University, Leuven, **Belgium***

Lecture: Fitness - therapy for 21st century. *Nenad Dikic, **Serbia***

Free oral presentations & discussion:

O#24 Athletic trainer and sports rehabilitation: A review of the role of athletic trainer.
*Seyed Reza Rahimi Moghaddam, Physical Education Organization of Iran, Sports Medicine Feder. of Iran (Sports Medicine Board of Gilan Province), **Iran***

O#25 Menstrual problems in female sport.
*M. Toteva, Department of Sports Medicine, National Sports Academy "V. Levski", Sofia, **Bulgaria***

O#26 Dynamics of young female swimmers' psychophysical state during 6 weeks before competition.
*Z. Zsheliaskova-Koynova, L. Petrov, I. Grancharov, National Sports Academy "V. Levski", Sofia, **Bulgaria***

O#27 Prevalence of obesity in Turkish adults.
Turnagöl H.H.¹, Basoglu S.², Fitzgerald N.³
¹*Hacettepe University, School Of Sport Sciences and Technology*
²*Hacettepe University, School Of Nutrition and Dietetics*
³*Rutgers, the State University of New Jersey, Department of Nutritional Sciences, **Turkey***

O#28 Project: Creation of transnational open and distance training network in family and sports medicine.
*Taina Avramescu, Faculty of Physical Education and Sports, University of Craiova, **Romania***

Session 4A

Moderators: Assoc. Prof. Stanimir Petkov, MD, PhD
Dr. Costas Christodoulakis, MD

Lecture: National Sports Medicine Association, aims and function.
*C. Christodoulakis,,
Cyprus Association of Sports Medicine E. C., Orthopedic
Surgeon, **Cyprus***

Lecture: Gene doping.
*D. Dimitrova,
Dept. Sports Medicine, National Sports Academy "V. Levski",
Sofia, **Bulgaria***

Free oral presentations & discussion:

O#29 The fight of doping in sport - therapeutic use exceptions (YUE).
*C. Christodoulakis,
Cyprus Association of Sports Medicine E. C., Orthopedic
Surgeon, **Cyprus***

O#30 The effects of muscle neutrophile function.
*Harbili S.¹, Gencer E.², Ersöz G.², Demirel H. A.^{1,3}
¹Hacettepe University School of Sports Sciences and
Technology, Beytepe, Ankara; ²University of Ankara, School of
Medicine, Department of Physiology, Ankara;
³Hacettepe University School of Medicine, Dept of Sports
Medicine, Sıhhiye, Ankara, **Turkey***

O#31 Finite element approach to rock climbing in static conditions.
*A. Mithat, A. Serdar,
Biomechanics Research Group, School of Sport Sciences &
Technology, Hacettepe University, Ankara, **Turkey***

O#32 Dynamics of pull phases in successful snatch attempts.
*E. Harbili, S. Arıtan,
Biomechanics Research Group, School of Sports Science and
Technology, Hacettepe University, **Turkey***

O#33 3-Dimensional mathematical modelling and computing simulation
of soccer ball flight. *S. Arıtan.
Biomechanics Research Group, School of Sports Science and
Technology, Hacettepe University, **Turkey***

O#34 Using PCA for data reduction in different movement patterns.
G. Murat, A. Serdar,
Biomechanics Research Group, School of Sports Science and
*Technology, Hacettepe University, **Turkey***

Symposium – Physical activity and diseases by Sopharma, AD

Chairmen: Assoc. Prof. Ivan Maznev, MD, PhD
Dr. Vladimir Kossev, MD, PhD

Lecture: Osteoporosis, physical activity and sports.
Z. Kolarov,
*University Hospital of Rheumatology “I. Rilski”, Sofia, **Bulgaria***

Lecture: Diabetes and sport.
V. Christov,
*University Hospital “Alexandrovska”, Sofia, **Bulgaria***

Lecture: Atherosclerosis - a global problem. Sport, statins and ACE
inhibitors – modern remedy for prevention.
V. Shterev,
*University Hospital “Sv. Marina”, Varna, **Bulgaria***

Lecture: Obesity and physical activity.
P. Gateva,
*Dept. Pharmacology, Medical University, Sofia, **Bulgaria***

Lecture: Sport and asthma – the third face of the medal.
*A. Simidchiev, **Bulgaria***

HALL B

Session 3B

Moderators: Prof. Ivan Petkov, DSc
Assoc. Prof. Svetla Yancheva, MD, PhD

Lecture: Myofascial release technique – concepts, principles, methods of
application.
E. Dimitrova,
Department of Physiotherapy and Rehabilitation, National Sports
*Academy “V. Levski”, Sofia, **Bulgaria***

Lecture: Contemporary approaches for recovering peripheral joint kinematics.
N. Popov,
*Department Physiotherapy and Rehabilitation, National Sports Academy "V. Levski", Sofia, **Bulgaria***

Free oral presentations & discussion:

- O#35** Application of direct soft-tissue and joint mobilization for functional recovery after quadriceps femoris ruptures. *Popov N.¹, Popova D.², Cvetanova Z.²*
*¹Department of Physiotherapy and Rehabilitation, National Sports Academy "V. Levski", Sofia, **Bulgaria***
*²University Orthopaedic Hospital "Prof. Dr. Boycho Boychev", Sofia, **Bulgaria***
- O#36** Kinesio taping treatment of traumatic injured tendons and ligaments in the ankle area.
M. Eremiev,
*Department of Sports Medicine, National Sports Academy "V. Levski", Sofia, **Bulgaria***
- O#37** The effect of maximal isometric contraction training in various knee positions on physical capacity of the quadriceps muscle in university students.
E. Bascan, U. Cavlak,
*Pamukkale University, School of Physical Therapy and Rehabilitation, Denizli, **Turkey***
- O#38** The relationship of sacroiliac dysfunction with pain and musculoskeletal function.
F. Badilli, E. Cetin, I. Yeldan, Istanbul University,
*School of Physical Therapy and Rehabilitation, Capa-Istanbul, **Turkey***
- O#39** Possibilities of physical rehabilitation for patients with back pain in the sacrolumbal part.
L. Maurina, J. Bartusevichs, U. Teibe,
*Latvian Academy of Sport Education, **Latvia***
- O#40** Timely diagnostics of feet deformity as factor for selection in sports. *I. Tonchev, I. Mihailovich*
*Faculty of Physical Culture, University of Novi Sad, **Serbia***

Session 4B

Moderators: Prof. Vidio Zhelev, DSc
Assoc. Prof. Evgenia Dimitrova, PhD

Lecture: Geriatric kinesitherapy – current situation and key issues.
I. Petkov,
*Dept. Physiotherapy and Rehabilitation, National Sports Academy “V. Levski”, Sofia, **Bulgaria***

Free oral presentations & discussion:

- O#41** Application of a three-month fit-ball program with women having osteopenia.
Gencheva N.¹, Milanova A.², Lyubenova D.¹
¹Department of Physiotherapy and Rehabilitation, National Sports Academy “V. Levski”, Sofia, Bulgaria
*²University Hospital “Lozenez”, Sofia, **Bulgaria***
- O#42** Physical analgesia – methods and mechanisms of action.
I Koleva,
*NSHPTR “Ovcha Kupel”, Sofia, **Bulgaria***
- O#43** The impact of kinesitherapy on the peripheral nerve conduction in patients with diabetic polyneuropathy.
D. Lyubenova,
D. Stefanova, A. Dimitrova, N. Gencheva,
*Department of Physiotherapy and Rehabilitation, National Sports Academy “V. Levski”, Sofia, **Bulgaria***
- O#44** Diagnosing spinal stability. *G. Sarhan, **Bahrain***
- O#45** European project: “Sports physiotherapy for all: Be confident – be competent”.
R. Tasheva,
*Department of Physiotherapy and Rehabilitation, National Sports Academy “V. Levski”, Sofia, **Bulgaria***
- O#46** Joint action project “ Sports and physical activity for persons with disabilities – awareness, understanding, action.
I. Ludmilova,
*Department of Physiotherapy and Rehabilitation, National Sports Academy “V. Levski”, Sofia, **Bulgaria***

POSTER PRESENTATIONS

Friday 22th September, 2006

08.00 – 09.00 Arrangement of posters - №№ P1– P34

10.30 – 11.00 Poster discussion

P#1

Acute Sport Trauma – a low level laser therapy dose according to the specific absorbed rate (SAR)

Georgiev G., Tschobanoff P.

*Military Medical Academy, Sofia, **Bulgaria***

P#2

The risk of cervical whiplash injuries and whiplash associated disorders (WAD) in athletic activities

Matzaroglou C.¹, Fetlis A.³, Tyllianakis M.¹, Syrimpeis V. N.¹, Heristanidu E.², Sourgiadaki E.⁴, Kallivokas A.¹, Kravas A.¹, Lambiris E.¹

¹*Department of Orthopedics, Medical School, University of Patras, **Greece***

²*ENT Department, Patras City Hospital, St Andrew, **Greece***

³*Department of Physiotherapy, Technological Institute of Thessaloniki, **Greece***

⁴*Clinic of Anaesthesiology and Intensive Care, University of Patras, **Greece***

P#3

Low back pain incidence in elite junior Cypriot athletes.

Loucaides G.¹, Michaelides M.¹, Bardis C.²

¹*Cyprus Sport Research Center,*

²*Research Center of Physiotherapy and Rehabilitation, **Cyprus***

P#4

Ultrasound investigation of the dimensions of Achilles and patellar tendons of elite weightlifters

Miloshova E.¹, Pesheva Al.², Iankova N.³

¹*Department of Sports Medicine, National Sports Academy “V. Levski”, Sofia, **Bulgaria***

²*MBAL “Tsaritsa Ioanna” – Clinic of Orthopedics and Traumatology, Sofia, **Bulgaria***

³*Department of Weightlifting, Boxing and Fencing, National Sports Academy “V. Levski”, Sofia, **Bulgaria***

P#5

Effect of electrical stimulation on strength and endurance of the quadriceps muscle in healthy subjects: Exploring gender differences

Başkan E., Cavlak U.,

Pamukkale University, School of Physical Therapy and Rehabilitation, Denizli, Turkey

P#6

A study of the accessory bones of the foot. Incidence in the Greek population-clinical significance

Natsis K., Beletsiotis A., Terzidis I., Gigis P.

Department of Anatomy, Medical school, Aristotle University of Thessaloniki, Greece

P#7

A study of the accessory bones of the hand. Incidence in the Greek population-clinical significance

Natsis K., Beletsiotis A., Terzidis I., Gigis P.

Department of Anatomy, Medical school, Aristotle University of Thessaloniki, Greece

P#8

A study of the sesamoid bones of the foot. Incidence in the Greek population-clinical significance

Natsis K., Beletsiotis A., Terzidis I., Gigis P.

Department of Anatomy, Medical school, Aristotle University of Thessaloniki, Greece

P#9

A study of the sesamoid bones of the hand. Incidence in the Greek Greece population-clinical significance

Natsis K., Beletsiotis A., Terzidis I., Gigis P.

Department of Anatomy, Medical school, Aristotle University of Thessaloniki, Greece

P#10

Joint hypermobility and genu recurvatum among physiotherapy students

Zengin A., Cetin E., Ozdincler R. A.

Istanbul University School of Physical Therapy and Rehabilitation, Capa-Istanbul, Turkey

P#11

Injury profile of the professional soccer players participating in Iranian premier league competitions (2005-2006)

Mortazavi S. M. J., Hassabi M., Hassabi M.

Sports Medicine Research Center, Tehran University of Medical Sciences, Iran

P#12

Comparative analysis of injuries with female football players in Bulgaria
Stefanov Z.

*Department of Anatomy and Biomechanics, National Sports Academy "V. Levski",
Sofia, **Bulgaria***

P#13

Geography of the water traumatism in Bulgaria

Andonov S., Izov N., Kamenov L.

*Department of Water Sports, National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#14

Muscle functional state assessment by estimation of muscle fibre conduction velocity

Angelova P.¹, Kolarova R.¹, Chritova L.², Kossev A.²

¹Department of Physiology and Biochemistry, National Sports Academy "V. Levski", Sofia, Bulgaria

*²Institute of Biophysics, Bulgarian Academy of Science, Sofia, **Bulgaria***

P#15

Changes in some physiological parameters trough the pre competitive season in Turkish professional soccer players

Bizati Ö.

*National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#16

Evaluation of functional performance of lower extremities in athletic and non-athletic students: a comparative study

Cavlak U., Baş Aslan U.

*Pamukkale University, School of Physical Therapy and Rehabilitation, Denezli, **Turkey***

P#17

A physiological and kinanthropometric view of the Greek flatwater kayakist

*Diafas V.¹, Chrysikopoulos A. K.¹, Maridaki M.¹, Diamanti V.¹, Kaloupsis S.¹,
Bachev V.²*

*¹National and Kapodistrian University of Athens, Department of Physical Education and Sports Science, Athens, **Greece***

*²National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#18

A comparison of exercise performance using different types of ergometers in competitive cyclists, runners, rowers and swimmers

*Michaelides M., Loucaides G., Nikolau K., Themistokleous A., Schizas K.,
Hadigeorgiou M., Michaelidou N., **Greece***

P#19

High altitude influence on functional parameters of alpinists

Mladenov L.,

Department of Sports Medicine, National Sports Academy "V. Levski", Sofia, Bulgaria

P#20

Oxygen uptake efficiency slope as an index of exercise performance of healthy exercising subjects

Diana Dimitrova, Lubomir Mladenov,

Department of Sports Medicine, National Sports Academy "V. Levski", Bulgaria

P#21

A comparison of maximal force and power force of the leg muscles of competitors in power lifting, bodybuilding and weight lifting

Panayotov V.

Department of Sports Medicine, National Sports Academy "V. Levski", Sofia, Bulgaria

P#22

Orthostatic changes in mean arterial pressure and pulse pressure

Pavlova E., Uzunova G.

Department of Physiology and Biochemistry, National Sports Academy "V. Levski", Sofia, Bulgaria

P#23

Functional abilities as determinants of competition success in judo

Radovanovic D.¹, Nurkic M.¹, Kafentarakis I.²

¹Faculty of Physical Education, University of Nis, **Serbia**

²University of Thessaly, **Greece**

P#24

Changes in Poincaré indexes during submaximal exercise

Somlev P.

Department of Physiology and Biochemistry, National Sports Academy "V. Levski", Sofia, Bulgaria

P#25

Variability of the simple visual-motor reaction time in different zones of the visual field

Stefanov L.

Department of Physiology and Biochemistry, National Sports Academy "V. Levski", Sofia, Bulgaria

P#26

One repetition maximum and heart rate under bench press submaximal weight lifting

Stefanov L.

*Department of Physiology and Biochemistry, National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#27

The influence of hypoxia on the heart rate variability

Zupet P.¹, Finderle Ž.², Zadnik V.³

*¹Sports Medicine Centre, Institute of Occupational Medicine, Traffic and Sport, Ljubljana Clinical Centre, Ljubljana, **Slovenia**;*

*²Institute of Physiology, Faculty of Medicine, University of Ljubljana, Ljubljana, **Slovenia***

*³Epidemiology and Cancer Registers, Institute of Oncology, Ljubljana, **Slovenia***

P#28

Synthetic parameters for muscle performance evaluation

Vasilescu M., Avramescu T., Rusu L., Zavaleanu M.

*University of Craiova, Craiova, **Romania***

P#29

Somatotype characteristics of 13-14 years old competitors in swimming

Andonov S., Kamenov L., Izov N.

*Department of Water Sports, National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#30

Changes in the body composition of elite female weightlifters

Ilinova B.

*Department of Sports Medicine, National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#31

Effect on an aquaaerobic training program on some morphofunctional variables in 14 years old girls

Peeva P.¹, Diyakova G²., Yordanov S.¹

*¹National Sports Academy "V. Levski", Sofia, **Bulgaria***

*²University of Trakia, **Bulgaria***

P#32

Kinesiological analysis of quadripyramidal syndrome gait

Gikova M., Araktchiiski Zdr.

*Department of Anatomy and Biomechanics, National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#33

Temporal structure of weight lifting exercises Jerk and Snatch

Mindov T., Tichinov O., Gikova M.

*Department of Anatomy and Biomechanics, National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#34

Nandrolone decanoate increases running endurance, but provokes apoptotic tendency in some tissues of trained rats

Georgieva K., Delchev S., Koeva Y., Atanasova P.

*Department of Physiology, Department of Anatomy, Histology and Embryology, Medical University, Plovdiv, **Bulgaria***

Saturday 23th September, 2006

08.00 – 09.00 Arrangement of posters - №№ P35– P68

10.30 – 11.00 Poster discussion

P#35

Glucosamine administration in athletes: Effects on recovery of acute knee injury

Ostojic S. M.¹, Arsic M.², Prodanovic S.³, Vukovic J.¹, Zlatanovic M.⁴, Dikic N.⁵, Dabetic M.¹

¹*Institute of Sports Medicine, Sports Academy, Belgrade, **Serbia**,*

²*Sports Medicine Department, Student's Hospital, Belgrade, **Serbia**,*

³*Center for Sports Medicine, Arandjelovic, **Serbia**,*

⁴*Department of Physical Medicine, Medical Center, Nis, **Serbia**,*

⁵*National Anti-doping Agency, Belgrade, **Serbia***

P#36

The effects and health benefits of antioxidant rich food products on blood pressure, glucose, triglycerides and cholesterol levels

Djarova T.², Coopusamy D.¹, Shivute K.¹, Andreeva L.²

¹*Department of Biochemistry and Microbiology, University of Zululand, South Africa*

²*Department of Physiology and Biochemistry, National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#37

Oxidative stress and microtraumatism in the athletes

Topouzov I.

*Department Kinesitherapy, South-West University, Blagoevgrad, **Bulgaria***

P#38

Peculiarities of the medical service during rugby competitions
Gugushev K.

*Chief of the Medical office, National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#39

Some particularities of the tympanoplasty at sportsmen

Danilov L., Pintilei S.

*Department State Medical University, **Moldova***

*Department of Sports Medicine, National University of Physical Education and Sports, **Moldova***

P#40

Relative intensities of supervised and unsupervised physical activity in middle-ages men

İşlegen Ç, Ergün M, Karamızrak O.

*Department of Sports Medicine, Ege University School of Medicine, Izmir, **Turkey***

P#41

Sports lessons and posture dynamics of first school year pupils

Larins V., Ceska E.

*Department of Sports Medicine, Sports Medicine Institute, Latvian Academy of Sport Education, **Latvia***

P#42

The "hidden" psychological portrait of the football-player

Mutafova-Zaberska Y., Uimana L.

*Dept. of Psychology, National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#43

Study of the influence of the ecological factors on the physical working capacity of the pupils in school hours of physical education and sport

Sabeva Ch., Doychev B.

*Department of Sports Medicine, National Sports Academy, Sofia, **Bulgaria***

P#44

Comparison between questionnaires and objective experimental tests as tools for estimation of fatigue and recovery in athletes

Zsheliaskova-Koynova Z, Runevska K.

*Department of Psychology, National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#45

Nutrition and high sports performance

Atanasov P.

*Department of Physiology and Biochemistry, National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#46

Proprioceptive training with lateral malleolar instability.

Aleksieva N., Dimitrova E.

*Department of Physiotherapy and Rehabilitation, National Sports Academy
"V. Levski", Sofia, **Bulgaria***

P#47

Short-term physical therapy in patients with Parkinson's disease

Dimitrova A., Lubenova D., Stefanova D., Grigorova Kr.

*Department of Physiotherapy and Rehabilitation, National Sports Academy
"V. Levski", Sofia, **Bulgaria***

P#48

A short-term in-hospital physical therapy program in patients with chronic obstructive pulmonary disease

Dimitrova A., Lubenova D., Stefanova D., Grigorova Kr.

*Department of Physiotherapy and Rehabilitation, National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#49

Application of myofascial release techniques in case of shoulder dysfunction

Dimitrova E.

*Department of Physiotherapy and Rehabilitation, National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#50

Complex physical-therapeutic and rehabilitation program in vertebral hypermobility

Koleva I.¹, Lishev N.²

¹Neurorehabilitation Department of National Specialized Hospital Physical Therapy and Rehabilitation, Sofia, Bulgaria

*²Chair of Kinesitherapy of South-West University, Blagoevgrad, **Bulgaria***

P#51

Complex physical-therapeutic and rehabilitation program after reconstruction of anterior cruciate ligament

Yovcheva L.¹, Koleva I.², Nenov P.³, Yoshinov R.⁴

*¹Dept. of Physical and Rehabilitation Medicine, University Hospital Pleven, **Bulgaria***

*²Neurorehabilitation Department of National Specialized Hospital Physical Therapy and Rehabilitation, Sofia, **Bulgaria***

*²Dept. of Neurorehabilitation, National Specialized Hospital of Physical Therapy and Rehabilitation, Sofia, **Bulgaria***

*³Dept. of Orthopedics and Traumatology, University Hospital Pleven, University Hospital Pleven, **Bulgaria***

*Laboratory of Telematics, Bulgarian Academy of Sciences, **Bulgaria***

P#52

Evaluation of the effects of physical therapy on the motor abilities of patients with diabetes mellitus type

Lilov M.¹, Lubenova D.², Grigorova K.²

¹*Department of Physical Therapy and Rehabilitation, Military Medical Academy, Sofia, **Bulgaria***

²*Department of Physiotherapy and Rehabilitation, National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#53

Including of exercises with "Physio-Roll" turapeutic ball in the kinesytherapeutic program for kids with pneumonia

Malinova A., Gencheva N.

*Department of Physiotherapy and Rehabilitation, National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#54

Impressions of the applied combined kinesitherapy and orthotic correction in newborn children with clubfoot

Mednikarov E., Angelova A., Tzvetanova Zdr.

*University Orthopedic Hospital "Prof. B. Boychev", Sofia, **Bulgaria***

P#55

Investigation of the effects of modified method of physical therapy in case of traumatic injury of knee joint

Mehandjiiski L.¹, Kostov K.², Mihaylova E.²

¹*National Sports Academy "V. Levski", Sofia, **Bulgaria***

²*University of Sofia, **Bulgaria***

P#56

Kinesiotaping application to the operated patients after traumas in the knee articulation

Mihov B., Petrova N., Stolincheva V., Nikolova E.

*South-West University, Blagoevgrad, **Bulgaria***

P#57

Complex rehabilitation after arthroscopic reconstruction of the anterior capsulo-ligamentar apparatus in post-traumatic shoulder instability

Mirtcheva A.¹, Koleva I.², Asparouhov A.³, Yoshinov R.⁴

¹*Department of Physical and Rehabilitation Medicine, f University Regional Hospital, Pleven, **Bulgaria***

²*Dept. of Neurorehabilitation, National Specialized Hospital of Physical Therapy and Rehabilitation, Sofia, **Bulgaria***

³*Department of Orthopedics and Traumatology of University Regional Hospital, Pleven, **Bulgaria***

⁴*Laboratory of Telematics – Bulgarian Academy of Sciences, Sofia, **Bulgaria***

P#58

Treatment of spinal deformities in children with cerebral palsy (CP) with Kinesio taping

*Nikolova E., Stolincheva V., Petrova N.,
South-West University, Blagoevgrad, **Bulgaria***

P#59

Effectiveness of methods of respiratory physiotherapy on mucociliary clearance in children with cystic fibrosis

*Papadopoulou A. H., Yancheva S.
Department of Physiotherapy and Rehabilitation, National Sports Academy "V. Levski", Sofia, **Bulgaria***

P#60

Children with special needs and sports

*Perisinaki N.
IIIrd Primary school for children with special needs, **Greece***

P#61

Preliminary observation in application of the specialized kinesitherapeutical for ARS – complex in sportmen

*Petrov B.¹, Tzvetanova Zdr.², Stefanov L.²
¹Professional Football's club "Levski", Sofia, **Bulgaria**
²University Orthopedic Hospital "Prof. B. Boychev", Sofia, **Bulgaria***

P#62

Research in the treatment of rheumatic arthritis with kinesitherapy resources

*Petrova N., Stolincheva V., Nikolova E., Mihov B.,
South-West University, Blagoevgrad, **Bulgaria***

P#63

Kinetic program in rehabilitation of burner syndrome at athletes

*Rusu L.^{1,2}, Păun E.³
¹University of Craiova
²Clinic of Sports Medicine Department, University of Craiova
³Neuropsychiatry Hospital Craiova, **Romania***

P#64

Early prevention of late complications after free vascularized fibula grafting of the femoral head

*Sazdova L.¹, Gatova S.²
¹Department of Theory and Methods of Kinesitherapy, National Sports Academy "V. Levski", Sofia, **Bulgaria**
²Department of Orthopedic and Traumatology, "Queen Giovanna", University Hospital, Sofia, **Bulgaria***

P#65

Postural control and mobility in community-dwelling elderly women after single physical therapy session

Stefanova D., Lubenova D., Dimitrova A., Grigorova Kr.

Department of Physiotherapy and Rehabilitation, National Sports Academy "V. Levski", Sofia, Bulgaria

P#66

Combined method for arthrosis treatment of the knee articulation with NeOx

Stolincheva V., Nikolova E., Mihov B., Petrova N.,

South-West University, Blagoevgrad, Bulgaria

P#67

Effects of physiotherapy on motoring's surgically treated multiple injury

Tasheva R.¹, Velichkov I.², Staikova E.²

¹*Department of Physiotherapy and Rehabilitation, National Sports Academy "V. Levski", Sofia, Bulgaria*

²*XIX Polyclinics, Sofia, Bulgaria*

P#68

Directions and peculiarities of accent in the presurgical kinesitherapy for children with spine deformities

Tzvetanova Zdr., Stefanov L., Iagodich N.

University Orthopaedic Hospital "Prof. B. Boichev", Sofia, Bulgaria