

# PROGRAM

THURSDAY 21 MARCH 2002

LABORATORY OF ANATOMY, MEDICAL SCHOOL ARISTOTLE UNIVERSITY OF THESSALONIKI

## APPLIED SEMINARS

08.00-09.00 REGISTRATION

09.00-11.30 **A. INJURIES OF SPINE IN ATHLETES**

Chairmen: **Antoniadis Ch.- Tsitouridis I.**  
Lecturers : **Natsis K.** Functional Anatomy of lumbar spine.  
**Apostolou Th.** Injuries of cervical spine  
**Hatzidis P.** Injuries of thoracic and lumbar spine  
**Melidis D.** Injuries of spine-Evaluation with spiral CT.  
**Souftas V.** Injuries of spine-Evaluation with spiral MRI.

11.30-12.00 BREAK

12.00-14.30 **B. INJURIES OF SHOULDER GIRDLE IN ATHLETES**

Chairmens: **Christoforidis I.- Intzes D.**  
Lecturers : **Tsitouridis I.** Injuries of shoulder girdle-Evaluation with CT and MRI.  
**Georgousis H.** Injuries of shoulder in athletes on movements over the shoulder.  
**Moebius U.** Injuries of glenoid labrum and arthroscopic fixation.  
**Papadopoulos P.** Injuries of elbow joint in athletes.  
**Koutras G.** Rehabilitation of shoulder and elbow injuries in athletes.

14.30-15.00 BREAK

## Γ. PRACTICE

A. Chairmen: **Natsis K. Terzidis I.**

1. Cardiorespiratory revival **EKAB of Thessaloniki.**
2. Brace **Natsis K. Terzidis I.**

B. Chairman: **Porfiriadou A.**

1. Tapping **Papadopoulos F.-Varvara F.**
2. Therapeutic stretching **Stavrakidis M-Pasvantis A.**
3. Pre-and Postgame massage **Kitsios A-Sikaras E.**

Γ. Chairman: **Galitsanos S.**

1. Kryotherprapy electrotherapy-ultrasound-TENS **Fragoraftis E. Fragoraftis D.**

# FRIDAY 22 MARCH 2002

## HALL ALEXANDROS II

08.00-09.00

REGISTRATION

09.00-11.30

ROUND TABLE

Subject: **Training-Exercise physiology**

Chairmen:

**Mandroukas K.-Kellis S..**

Lecturers:

**Christoulas K.** The influence of hypoxia in athletic performance.

**Vrabas I.** Cellular adaptations of diaphragm with endurance training.

**Kotzamanidis Ch.** Shortterm and longterm adaptations of strength training.

**Soulas D.** Improvements methods of aerobic power in semi-endurance and endurance racing.

11.30-12.00

BREAK

12.00-12.30

LECTURE

Subject: **Ageing and physical activity**

Chairman:

**Natsis K.**

Lecturer:

**Bachl N.**

12.30-14.30

ROUND TABLE

Subject: **Injuries of ankle joint in athletes**

Chairmen:

**Pournaras I.-Gigis P.**

Lectures:

**Koebke J.** Functional anatomy of the ankle

**Christodoulou A.** Pilon fractures in athletes

**Nikolaou P.** Therapy of ligaments injuries of ankle joint.

**Godolias G.** Arthroscopic abillities in ankle joint.

14.30-15.00

BREAK

15.00-16.00

FREE ANNOUNCEMENTS - SPORTS INJURIES

Chairman: **Toteva M. Ergu M.**

### 01. CASES OF INJURIES DURING TRAINING AND GAMES FROM TEXTS OF THE ROMAN EMPIRE YEARS.

O. Paulogiannis<sup>1</sup>, Ch. Mokou<sup>2</sup>, S. Konitsiotis<sup>2</sup>

<sup>1</sup> Ionian Univ., Faculty of History, Corfu

<sup>2</sup> University of Ioannina, Medical School, Neurological Clinic, Ioannina, **GREECE**

### 02. PRERACE MEDICAL EXAMINATION OF CHILDREN

A. Papoutsidakis

Orthopedics, Specialiser, Post Graduate Student of Sport Medicine, University of BATH U.K **GREECE**

03. USAGE OF BOTULINUM TOXIN A FOR PROBLEMATIC TENDON RUPTURES  
S. Tuzuner M.D., H. Ozcanli M.D., N. Balci M.D., S. Inceoglu M.D  
Akdeniz University School of Medicine Department of Orthopedics and Traumatology  
Antalya/ **TURKEY**
04. EXPERIMENTAL METHODS FOR KINESITHERAPY AFTER RADIAL HEAD  
ENDOPROTHESIS IN SPORTSMEN  
Z. Hasanova, L. Krastev, D. Todorova, N. Borisova  
Medical College Pleven **BULGARIA**
05. ACUTE RUPTURE OF DISTAL BICEPS TENDON. A REPORT OF 5 CASES  
G. P. Tzagarakis<sup>1</sup>, M.A. Kaseti<sup>1</sup>, N. Kounelis<sup>2</sup>, P. Baltopoulos<sup>2</sup>  
<sup>1</sup>First Orthopaedic Department of Athens University Medical School, KAT Hospital,  
Kifissia, Athens, Greece  
<sup>2</sup>Department of Functional Anatomy of Athens University and the Sixth Orthopaedic  
Department, KAT Hospital, Kifissia, Athens, **GREECE**
06. ARTHROSCOPIC FINDINGS IN SHOULDER JOINT  
V. Vraggalas, S. Babaletsos, E. Pantazis, G. Gouvas, N. Delaportas,  
Th. Karanassos  
424 General Army Hospital of Greece, Thessaloniki, **GREECE**
07. THE INFLUNCE OF ACTIVE STRETCING IN FLEXIBILITY OF SHOULDER  
K. Delaporta,, E. Lazaridi, D. Konstantinou  
Dept. of Physical Education and Sports Science, University of Athens, **GREECE**

16.00-17.00

FREE ANNOUNCEMENTS - PHYSIOTHERAPY

Chairman: **Ozgurbuz C. Balmus D.**

08. THERAPEUTIC EXERCISES FOR RECOVERING THE STABILITY OF THE  
ELBOW AFTER TRAUMA  
N.E.Popov, N. Emilov  
NSA " Vasil Levski", Dept. of Kinesitherapy,Sofia, **BULGARIA**
09. REHABILITATION AFTER SPINE TRAUMA AT TOP PERFORMING ATHLETES  
A.I.Constantinescu  
I.N.M.S, Bucharest, **ROMANIA**
010. THE EFFECT OF SOME MANUAL THERAPY AND SOFT TISSUE  
TECHNIQUES ON ELDERLY PEOPLE WITH CERVICOARTHROSIS  
M.B. Penka  
National Sports Academy,Dept. of Theory & Methods of Kinesitherapy **BULGARIA**
011. ACUPUNCTURE THE METHOD WHICH WON OVER THE SPORTS MEDICINE  
B. Razvan Alexandru  
I.N.M.S, **ROMANIA**
012. POST OPERATIVE KINESITHERAPY OF ANTERIOR TALOFIBULAR  
LIGAMENT  
N. Mihaylova Borisova, L. Krastev, D. Vassilev  
Medical College Pleven , **BULGARIA**

O13. MECHANISMS OF PSYCHOLOGICAL SELF PROTECTION IN THE FIELD OF SPORTS ( MPsSP)

M. Morarescu<sup>1</sup>, G. Stefanet<sup>2</sup>

<sup>1</sup>Psiholog, Sports Medicine Center from Chisinau, Republic of Moldova

<sup>2</sup>Ph. M.D. EC. "ZIMBRU", **REPUBLIC OF MOLDOVA**

O14. KINESITHERAPY OF WOMEN WITH POSTMENOPA USAL OSTEOPOROSIS

I.Fotakis, I. Petkov

NSA, Dept. of Kinesitherapy, **BULGARIA**

**HALL ALEXANDROS II**

17.00-17.30

LECTURE

Subject: **Combined injuries of posterior cruciate ligament.**

**New data.**

Chairman:

**Natsis K.**

Lecturer:

**W. Muller**

17.30-19.30

ROUND TABLE

Subject: **Doping in Athletes.**

Chairmen:

**Christodoulakis K.- Mirtsou-Fidani V.**

Lectures:

**Tsoukali E.** Doping in Greece nowadays.

**Christodoulakis K.** New data in antidoping

**Raikos N.** Methods of substance trace in doping.

**Shizas K.** Side effect of drugs in doping

19.30-20.30

BREAK

20.30

OPENING CEREMONY

Opening Lecturer: **Simeonidis P.**

Subject: Past, present and future in Orhopaedics.

**RECEPTION**

# SATURDAY 23 MARCH 2002

## HALL ALEXANDROS II

08.00-09.00

FREE ANNOUNCEMENTS SPORTS MEDICINE PATHOLOGY

Chairman: **Topouzov I. Baroga M.**

O15. IS THE BONE DENSITY OF THE IMMATURE ATHLETES OF TECHNICAL SWIMMING INFLUENCED AFTER THE APPLICATION OF YEARLY TRAINING PROGRAMME ?

A. Dalkiranis, Th. Patsanas, O. Denda, E. Bella, T. Ordoudis, A. Milonas.

Dept. of Physical Education and Sports Science, Sector of Sports Medicine, University of Thessaloniki, **GREECE**

O16. HEART RATE VARIABILITY DURING AEROBIC TRAINING IN ADOLESCENTS

S. Mazic, S. Velkoski, S. Malicevic, I. Igracki, S. Ostojic, D. Radovanovic  
Faculty of Medicine, Institute of Physiology, **YUGOSLAVIA**

O17. SOME ASPECTS OF SPORTS MEDICAL SELECTION OF THE STUDENTS OF THE MUNICIPAL SPORTS BOARDING SCHOOL

D. Balmus, S. Pintilei

National Centre for Sports Medicine, Chisinau, **REPUBLIC OF MOLDOVA**

O18. STUDIES ON 2 HOMOEOPATHIC PRODUCTS IN THE TREATMENT OF SPORTS INJURIES

S. Pintilei

National Centre for Sports Medicine Chisinau, **REPUBLIC OF MOLDOVA**

O19. COMPARATIVE SOMATOTYPE CHARACTERISTICS OF YOUNG ATHLETES  
M. Toteva

National Sports Academy, Dept. Sports Medicine, Sofia, **BULGARIA**

O20. RESULTS OF THE APPLICATION OF THE KINESITHERAPY IN WOMEN WITH ARTERIAL HYPOTONIA

S. Yantcheva

National Sports Academy, Department of Kinesitherapy, **BULGARIA**

## HALL AMPHITRION

08.00-09.00

FREE ANNOUNCEMENTS STATISTIC OF SPORTS INJURIES

Chairman: **Beletsiotis A. Lagoudis S.**

O21. MEDICAL CARE OF HANDBALL PLAYERS OF HIGH MODERATE AND POOR CLASSES.

D.Hatziemanouil, K Manavis, M Kotzamanidou.

Dept. of Physical Education and Sports Science, University of Thessaloniki, **GREECE**

O22. REASONS OF HIGH DENSITY INJURIES AND CHARACTERISTICS OF TRAINING PLACES OF HANBALL PLAYERS.

D.Hatziemanouil, K Manavis, M Kotzamanidou.

Dept. of Physical Education and Sports Science, University of Thessaloniki, **GREECE**

- O23. TRAUMA AND ATHLETIC ACTIVITIES. A RETROSPECTIVE STUDY OF 1350 CASES.  
A.Pentari,S.Vlazakis,K.Kakavelakis,E.Manousakis,Ch.Vardaki,E.Alifieris.  
 Surgical Clinic , G.Hospital of Chania, **GREECE**
- O24. THE STUDY OF ECUTE SPORTS INJURIES OF MALE AND FEMALE STUDENTS OF PHYSICAL EDUCATION.  
 D.Mameletzi,Th.Siatras,G.Abatzidis,S.Kellis.  
 Dept. of Physical Education and Sports Science, University of Thessaloniki,  
**GREECE**
- O25. SPORTS INJURIES IN HANDBALL.  
 Em.Papakostas,St.Papaleksandris,El.Eleftheriadis,Chr.Bikos,T.Papaioanou,  
 N.Maliaropoulos.  
 Medical Center SEGAS of Thessaloniki, **GREECE**
- O26. SPORTS INJURIES IN SOCCER:ONE YEAR OF FOLLOW UP OF A PROFESSIONAL TEAM.  
 E.Papakostas,Chr.Bikos,P.Malliou,P.Mimikos,T.Papaioanou.  
 F.C. SKODA Xanthi, Orthopaedic Clinic, Xanthi General Hospital **GREECE**
- O27. PLICA AS ARTHROSCOPIC FINDING  
 K. Manavis<sup>1</sup>,K.Natsis<sup>2</sup>,I.Terzidis<sup>2</sup>,P.Kaisidis<sup>2</sup>,A.Karathanasis<sup>1</sup>,P.Gigis<sup>2</sup>.  
<sup>1</sup>B' Hospital IKA "PANAGIA", Orthopaedic Clinic, <sup>2</sup>Laboratory of Anatomy,  
 Medical School, Aristotle University of Thessaloniki, **GREECE**

09.00-10.00

FREE ANNOUNCEMENTS INJURIES OF SOFT TISSUE  
 Chairman: **Samaras K.- Galitsanos S.**

- O28. BLOCKING SYNDROME OF PROPERTIES RESSETS IN YOUNG ATHLETES WITH LOW EXTREMITY PAIN.  
 P.Baltopoulos,F.Sigala,A.Mourikis,P.Sigalas.  
 Laboratory of Anatomy and Sports Medicine Dept. of Physical Education and Sports Science, University of Athens and KAT Hospital, **GREECE**
- O29. TRAINING GENERATED HYPERTROPHY OF THE ANTERIOR SCALYNOUS MUSCLE.  
 F.Sigala,Th.Papadopoulou, F.Filipatos,P.Baltopoulos.  
 Laboratory of Anatomy and Sports Medicine Dept. of Physical Education and Sports Science, University of Athens and KAT Hospital, **GREECE**
- O30. TRAUMATIC INJURIES OF THE OSHEO AND ATHLETIC ACTIVITIES DURING CHILDHOOD.  
 E.Manousakis,S.Vlazakis,K. Kakavelakis ,A.Pentari,G.Sakellaris,E.Alifieris.  
 Surgical Clinic , G.Hospital of Chania, **GREECE**
- O31. CONSERVATIVE TREATMENT OF THE ABDOMINAL-ADDUCTOR SYNDROME IN ATHLETES.  
 K.Kakavelakis,Ch.Vardaki,G.Vereroudakis,S.Vlazakis,G.Stefanouidakis.  
 Medical School, University of Crete and Hippocrates Orthopaedic Center, Heraklion,  
**GREECE**

032. REHABILITATION OF ACUTE TEAR OF THE ACHILLIUS AFTER SURGICAL TREATMENT.  
A.Karagiannis,Ch.Triantafilou,,P.Papanikolaou,Sp.Ksinis,Ch.Trigas.  
N. Sikotis, N. Vasiliadis  
'Mitropolitico Therapeutic Center, <sup>2</sup>Ericos Ntinan Hospital, <sup>3</sup>White Cross, <sup>4</sup>Kos Island,  
**GREECE**
033. THE USE OF EPIDERMAL DICLOFENAC PATCHES IN MYOSKELETAL INJURIES IN ATHLETES.  
E.Smaropoulos,D. Nikiforos.  
Sports Medicine team A.C. P.A.O.C, **GREECE**
034. THE MECHANICAL INFLUENCE OF STRETCHING OF HAMSTRING MUSCLE BRUISES OBSERVATION OF 80 ATHLETES.  
N.Maliaropoulos,St.PapaleksadrisN.Ag.Papalada,E.Papakostas.Chr.Sakalis.  
Medical Center SEGAS of Thessaloniki, **GREECE**

## HALL ALEXANDROS II

- 09.00-11.30**      ROUND TABLE  
Subject: **Sports medicine pathology.**  
Chairmen:        **Ziakas G.-Louridas G.**  
Lecturers:       **Gioulekas D.** Bronchial asthma in elite athletes.  
                      **Radopoulos D.** Athletism and urogenital system  
                      **Kontopoulos A..** Sudden death in athletes  
                      **Kapetanos G.** Osteoporosis and exercise.
- 11.30-12.00**      BREAK
- 12.00-12.30**      LECTURE  
Subject: **Ergogenic aids and sport performance.**  
Chairman:        **Klissouras V.**  
Lecturer:         **Pigozzi F.**
- 12.30-14.30**      ROUND TABLE  
Subject: **Muscle tissue.**  
Chairmen:        **Balogiannis S. Foroglou-Kerameos Ch.**  
Lectures:         **Nikolaou P.** Pathophysiologie of muscle bruises  
                      **Natsis.K.** Ghanges in skeletal muscles after ischemia and reperfusion.  
                      **Appell H.** Skeletal musle Hypertrophy from basics to application  
                      **Duarte J.** The Muscle fiber concept does it strictly apply ,
- 14.30-15.00**      BREAK
- 15.00-16.00**      FREE ANNOUNCEMENTS PHYSIOTHERAPY  
Chairmen: **Malliaropoulos N.- Nasoufi A.**

035. THE IMPORTANCE OF PHYSICAL REHABILITATION OF THE PARKINSON DISEASE.  
Chr.Mokou-Kanta,S.Konitsiotis.  
Neurological Clinic Ioannina General Hospital, **GREECE**

- O36. KINESITHERAPY IN ANCIENT GREECE-SOME THOUGHTS REGARDING VASCULAR BRAIN FITS.  
F.Giagozis,L. Venova,D.Tsiroglou.  
'Doctoral Student NSA, <sup>2</sup>National Sport Academy Dept. Kinesiotherapy, Sofia, Bulgaria, <sup>3</sup>Philologist,Thessaloniki,**GREECE**
- O37. SYMPHYSIC BURSITIS OF SHOULDER JOINT: FUNCTIONAL REHABILITATION DURING THE SECOND AND EARLY THIRD STAGE OF THE DISEASE WITH THE USE OF PASSIVE MOBILITATION METHODS.  
Chr.Sakalis<sup>1</sup>,A.Porfyriadou<sup>2</sup>,K.Agelidis<sup>3</sup>.  
'Physiotherapeutic, <sup>2</sup>Doctor Physiotherapeutic ,<sup>3</sup>Orthopaedic Surgeon, **GREECE**
- O38. THE APPLICATION OF SAUNA HAMAM IN SPORTS.  
F.Papadopoulos, M. Christidou, M.Varvara, A.Porfiriadou.  
T.E.I , Physiotherapy, **GREECE**
- O39. INJURIES OF THE SHOULDER OF THE PARAPLYGIC ATHLETES.  
S.Kotaras,A. Kitsios,G.Abatzidis,A. Porfyriadou,K.P.Agelidis.  
T.E.I , Physiotherapy, Dept. of Physical Education and Sports Science, University of Thessaloniki, I.K.A. Thessaloniki, **GREECE**
- O40. COMPARISON OF TWO STROKE PATIENTS GROUPS ACCORDING THE BRUNNSTROM STAGE OF RECOVERY DURING A HOME REHABILITATION PROGRAMME  
F. Giagiosis<sup>1</sup>, L. Venova<sup>2</sup>  
'Doctoral Student, <sup>2</sup>Faculty of Kinisitherapy/Physiotherapy, National Sports Academy, **BULGARIA**
- O41. FURTHER ON THE DERANGEMENT SYNDROME ACCORDING TO MCKENZIE  
H. Voyadzis<sup>1</sup>V.Zhelev<sup>2</sup>  
'Postgraduate student, Department of Kinisitherapy & Rehabilitation, National Sports Academy Sofia, <sup>2</sup>MATHEM "NI Pirogov" Sofia, **BULGARIA**
- O42. COMPLEMENTARY MEDICINE: A NEW DIMENSION IN THE PHYSIOLOGY OF SPORTS  
A.Vartholomeos  
Faculty of Health Professions, ATEI Thessaloniki, Physical Therapy Department, **GREECE**

16.00-17.00

FREE ANNOUNCEMENTS-IMAGE METHODS AND INJURIES  
Chairmen: **Melidis D.-Souftas V.**

- O43. BONE BRUISE OF VERTEBRAL BODIES OF ATHLETES: MRI STUDY  
I.Tsitouridis,K. Natsis, M.Emmanouilidou, F.Goutsaridou, S.Chodromatidou, Ch.Tsadiridis,P. Papapostolou,Ch.Bezirgiannidis.  
Laboratory of Radiology , 'Papageorgiou' Hospital, Thessaloniki , **GREECE**
- O44. 3D-SPIRAL CT I N VERTEBRAL FRACTURES STUDY  
I.Tsitouridis,K. Natsis,D.Melidis,G. Giataganas, Ch. Tsiadiridis, Ch.Papastergiou,A.Morichovitou,E. Kakarinou,P. Papapostoplou.  
Laboratory of Radiology , 'Papageorgiou' Hospital, Thessaloniki , **GREECE**

- O45. RADIOLOGICAL RESULTS OF ACL RECONSTRUCTION WITH FREE BPBT GRAFT AFTER 5-8 YEARS  
Ch.Kristallis,P.Konstadinidis,G. Moisidis,V.Giosis,N.Dimou.  
B' Orthopaedic Clinic, General Hospital of Kilkis, **GREECE**
- O46. MRI IN ENTRAPMENT SYNDROME OF POPLITEAL VEIN  
V.Souftas,M. Emanouilidou,F.Goutsaridou,K. Natsis,S. Chodromatidou,I.Tsitouridou.  
Laboratory of Radiology , 'Papageorgiou' Hospital, Thessaloniki , **GREECE**
- O47. THE MRI IN EVALUATION OF JUMPER'S KNEE IN SPORTS INJURIES  
V.Souftas,M. Emanouilidou ,S. Chodromatidou,P. Papapostolou,F. Goutsaridou,K. Natsis,I. Tsitouridis.  
Laboratory of Radiology , 'Papageorgiou' Hospital, Thessaloniki , **GREECE**
- O48. SUBLUXATION OF PATELLA : MRI WITH FAST TRANSVERSAL SECTIONS AND CONTRACTION OF QUADRICEPS  
V.Souftas ,G.Michailidis,P.Papapostolou,F.Goutsaridou,M. Emanouilidou, K. Natsis,I. Tsitouridis.  
Laboratory of Radiology , 'Papageorgiou' Hospital, Thessaloniki , **GREECE**
- O49. THE STUDY OF THE SHAPE OF THE ARTICULAR SURFACE OF THE FEMORAL CONDYLE AND ITS INFLUENCE ON WEIGHT BEARING.  
V. Boulti<sup>1</sup>, I.Gigis<sup>2</sup>, A.Drevelegas<sup>1</sup>, A.Milonas<sup>1</sup>.  
<sup>1</sup>Laboratory of Anatomy, Dept. of Physical Education and Sports Science,  
<sup>2</sup>Laboratory of Anatomy, Medical School,<sup>3</sup>Laboratory of Radiology Medical School, University of Thessaloniki, **GREECE**

### HALL AMPHITRION

- 15.00-16.00 Council of executive committee of Balkan Association of Sports Medicine
- 16.00-17.00 Council of delegates of Balkan Countries Sports Medicine Associations

### HALL ALEXANDROS II

- 17.00-17.30 LECTURE  
Subject: **Personal experience in ACL reconstruction.**  
Chairman: **Gigis P.**  
Lecturer: **Mitsou A.**

### HALL AMPHITRION

- 17.00-18.00 FREE ANNOUNCEMENTS-DISEASES AND IJURIES OF LOWER LIMB  
Chairmen: **Georgousis Ch.- Gouvas G.**

- O50. FIFTH METATARSAL BONE FRACTURES UNDER SPECIAL CONDITIONS OF EXERCISE  
E.Pantazis,Ch. Chatzipapas,G. Gouvas, V.Vragalas, M.Savidis,  
M.Potoupnis,N.Delaportas,Th.Karanassos.  
424 General Army Hospital of Greece, Thessaloniki, **GREECE**

051. STRESS FRACTURES IN ATHLETES UNDER SPECIAL CONDITIONS  
E.Pantazis,K.Manologlou,G.Gouvas,V.Vragalas,M. Savidis,M.  
Potoupnis,N.Delaportas,Th.Karanasos.  
424 General Army Hospital of Greece, Thessaloniki, **GREECE**
052. ANGLE LIGAMENT INJURIES IN ATHLETES: A NEW CLASSIFICATION.  
M. Malliaropoulos,Em.Papakostas,Ag.Papalada,D. Christodoulou,Ch.Bikos.  
Medical Center, SEGAS, Thessaloniki, **GREECE**
053. MORTON'S NEYROMA AS IMPORTANT CAUSE OF METATARSALGIA IN  
ATHLETES AND TREATMENT  
K. Balalis,M.Mattheakis,A. Papoutsidakis,I.Galanakis, P.Katonis.  
Orthopaedic Clinic, PEPAGNI, Iraklion, **GREECE**
054. IMPINGEMENT SYNDROME OF ANGLE JOINT  
K. Balalis,Th.Tsepelis,A.Papoutsidakis,I. Galanakis,P. Katonis.  
Orthopaedic Clinic, PEPAGNI, Iraklion, **GREECE**
055. MODERN TREATMENT OF SOLE FORMICIASIS IN ATHLETES  
P. Souvatzidis, A. Castelli, N. Malliaropoulos, L. A. Andreassi  
Department of Dermatology, University of Siena, Italy  
Department of Dermatology, San Donato Hospital, Arezzo, Italy  
Medical Center, SEGAS, Thessaloniki, **GREECE**
056. TRAUMATIC RUPTURE OF MEDIAL COLLATERAL LIGAMENT OF ANGLE  
JOINT IN ATHLETES. SURGICAL TREATMENT.  
I. Terzidis,K. Natsis,K. Manavis,M.Koimtzis,A. Christodoulou,P.Gigis.  
Laboratory of Anatomy, Medical School, Aristotle University of Thessaloniki,  
**GREECE**
- 18.00-19.00** FREE ANNOUNCEMENTS-BIOCHEMISTRY AND SPORTS NUTRICION  
Chairmen: **Pegiou Th.- Karamouzis M.**
057. THE INFLUENCE OF CREATINE IN HEALTH AND PHYSIOLOGY  
A.Papoutsidakis, Orthopaedics Specializer, Postgraduate student University of BATH  
U.K **GREECE**
058. EXERCISE AND CATECHOLAMINES  
P.Ioanou., Dept. of Physical Education and Sports Science, Democritus University of  
Thrace, **GREECE**
059. SMOKING HABIT IN ATHLETES  
S. Spanoudaki<sup>1</sup>, P. Myrianthefs<sup>2</sup>,G. Chroni, A. Baltopoulou, P. Baltopoulos<sup>1</sup>  
<sup>1</sup>Division of Sports Medicine and Biology of Exercise, Laboratory of Functional  
Anatomy, TEFAA University of Athens, <sup>2</sup>Athens University School of Nursing, ICU at  
"KAT" Hospital, **GREECE**
060. DIACHRONICAL STUDY OF SMOKING FACTORS, USE OF ALCOHOL AND  
PHYSICAL EXERCISE IN HIGH SCHOOLERS OF THESALIA AND  
THESSALONIKI  
Th. Lialiaris<sup>1</sup>, K. Natsis<sup>2</sup>, I.Terzidis<sup>3</sup>, E.Digas<sup>1</sup>, G.Petrakis<sup>1</sup>, K.Stellos<sup>1</sup>, G.Patlakas<sup>2</sup>,  
P.Gigis<sup>3</sup>.  
<sup>1</sup>Laboratory of Biology and Genetics, Medical School of Alexandroupoli , Democritus  
University of Thrace Thessaloniki <sup>2</sup>Laboratory of Pneumonology, Medical School ,  
Democritus University of Thrace, <sup>3</sup> Laboratory of Anatomy, **GREECE**

- O61. BODY WEIGHT LOSS AND DISORDERS IN ATTITUDE OF ELITE WEIGHT LIFTING ATHLETES  
Th.Apostolou,S.K.Papadopoulou,I.Ioannou,A.Dalkiranis,K.G.Papadopoulos, A.Fahadidou.  
Laboratory of Hygiene and Nutrition of Athletes,  
Dept. of Physical Education and Sports Science, Aristotle University of Thessaloniki,  
**GREECE**
- O62. BODY MASS DENSITY, WEIGHT LOSS WEIGHT GAIN AND NUMBER OF BREAKFASTS IN CHILDREN OF THE 5<sup>TH</sup> AND 6<sup>TH</sup> ELEMENTARY SCHOOL.  
F. Ioanidou,K.S. Papadopoulou,D.S. Papadopoulou,I. Ioanou,P. Tasoukas, A. Fahadidou.  
Laboratory of Hygiene and Nutrition of Athletes, Dept. of Physical Education and Sports Science, Aristotle University of Thessaloniki, **GREECE**
- O63. SPIROMETRIC DATA COMPARISON BETWEEN ADOLESCENT BASKETBALL PLAYERS AND UNTRAINED BOYS.  
E. Vamvakoudis, I. Karamouzis, P. Stefanidis, K. Christoulas, T. Metaxas  
Ergophysiology - Ergometry Laboratory, Dept. of Physical Education and Sports Science, Aristotle University of Thessaloniki

## HALL ALEXANDROS II

17.30-19.30

### ROUND TABLE

Subject: **Physiotherapy and Rehabilitation of Sports Injuries**

Chairmen: **Porfiriadou A.- Christara A.**

Lecturers: **Fragorftis E.** The role of electrotherapeutic methods in overuse syndromes.

**Aftosmidis A.** Rehabilitation of shoulder girdle instability in athletes.

**Koutras G.** Post-traumatic rehabilitation of knee joint in athletes

**Sakalis Ch.** Post-traumatic rehabilitation of ankle joint in athletes

**Rogdakis G.** Post-traumatic rehabilitation of lumbar spine in athletes

## GALA DINNER

# SUNDAY 24 MARCH 2002

## HALL ALEXANDROS II

08.00-09.00

FREE ANNOUNCEMENTS-DOPING -TRAINING

Chairmen: **Pintiley S.-Ionescu A.**

O64. INFLUENCE OF THE DIVERSITY AND THE ANGULAR VELOCITY IN THE ANALOGY OF THE ISOKINETIC PERFORMANCE OF ANTAGONISTIC MUSCLE GROUPS .

K.Gianakopoulos.

Dept. of Physical Education and Sports Science, Democritus University of Thrace,  
**GREECE**

O65. DOPING CONTROL

N. Maliaropoulos,A. Papalada,D. Christodoulou

Medical Center, SEGAS, Thessaloniki, **GREECE**

O66. EDUCATION AND INFORMATION ANTI-DOPING POLITIC

S. Pintilei, V. Scortesco

National Center for Sports Medicine "ATLETMED",Chisinau, **REPUBLIC OF MOLDOVA**

O67. NEWS IN DOPING

D. IOAN

Sports Medicine Society, **ROMANIA**

O68. SIMPLE, NEWLY DEVELOPED ORIGINAL METHOD FOR MAXIMAL AEROBIC ABILITY ESTIMATION

D.M.Sanja, S.D.Velkovski, I.B.Igracki, D.T. Nestic, D. Radovanovic,

D.M. Mitrovic

Faculty of Medicine, Institute of Physiology, **YUGOSLAVIA**

O69. CORRELATION BETWEEN PHYSICAL WORK CAPACITY ATHLETIC PERFORMANCE

S. Surca, A. Ionescu, A. Ticu

National Institute of Sports Medicine, **ROMANIA**

O70. THE INFLUENCE OF SYSTEMATIC PHYSIC EXERCISE, ON 3<sup>rd</sup> AGE PERSONS

A. Gurau, A. Ionescu

National Institute of Sports Medicine, **ROMANIA**

O71. FLEXIBILITY OF CHILDREN AND YOUTHS IN RELATION TO THEIR BODY COMPOSITION

D. Dimitrova

National Sports Academy, Dept. Sports Medicine, Sofia, **BULGARIA**

09.00-11.30

ROUND TABLE

Subject: **Injuries and diseases in young athletes.**

Chairmen:

**Kapetanos G. Baltopoulos P.**

Lectures:

**Natsis K.** Musculoskeletal injuries in young athletes

**Kirkos I.** Bone injuries in young athletes

**Filiopoulos K.** Sports and osteochondrites.

**Maridaki M.** The biological age as determinant in training programs for prevention of injuries and diseases in young athletes.

11.30-12.00

BREAK

12.00-12.30

LECTURE

Subject : **The structure of medical support of Athens 2004-The role of Sport medicine.**

Chairman :

**Gigis P.**

Lecturer :

**Parisis K.**

12.30-14.30

ROUND TABLE

Subject: **Injuries and Overuse syndromes in athletes.**

Chairmen:

**Panidis G. -Christodoulou A.**

Lecturers:

**Terzidis I.** Low back pain on athletes.

**Papastergiou S.** Jumbers's knee.

**Metsovitis S.** Stress fractures and compartment syndromes in athletes.

**Beletsiotis A.** The treatment of long bones fractures in athletes with intramedullary nailing.

**Sayeh F.** Rupture of ACL-Reconstruction with BPTB or hamstrings tendons.

14.30-15.00

BREAK

15.00-16.00

FREE ANNOUNCEMENTS- TRAINING-GENERAL

Chairmen : **Zakas A. Soulas D.**

**072. EVALUATION OF THE ENERGETIC AND TECHNICAL DEMANDS IN VOLLEYBALL AFTER THE CHANGE OF THE RULES.**

G.Ciccarone, E. Bella, R. Giulianini, A. Dalkirani, A. Milonas, G. Fontani  
Scuola di Medicina dello Sport, Siena, Italy, Sector of Sport Medicine, Anatomy,  
Dept. of Physical Education and Sports Science, Aristotle University of Thessaloniki,  
**GREECE**

**073. ATHLETIC RECORD-APPREHENSIONS OF THE FEMALE AND MALE ATHLETES OF TRACKING FIELD EVENTS.**

M. Antonopoulou,G. Karakousi,K.S. Papadopoulou,K. Konstadinidou,S. Petrinas,A. Fahadidou.

Laboratory of Hygiene and Nutrition of Athletes, Dept. of Physical Education and Sports Science, Aristotle University of Thessaloniki, **GREECE**

074. DIFFERENCES OF MORPHOLOGICAL CHARACTERISTICS AND BODY DENSITY IN FLITE HANDBALL PLAYERS.  
D. Papadopoulou, S. Delisava, Th. Kasabalis, K.S. Papadopoulou, K.G. Gallos, A. Fahadidou.  
Laboratory of Hygiene and Nutrition of Athletes,  
Dept. of Physical Education and Sports Science, Aristotle University of Thessaloniki,  
**GREECE**
075. THE BIOLOGICAL AND PSYCHOLOGICAL EFFECT OF WEIGHT-LIFTING IN WOMEN AGING 25-55 YEARS OLD.  
G.K. Kazaklis<sup>1</sup>, A.D.Pavel<sup>2</sup>, K.Stefanidis<sup>3</sup>  
<sup>1</sup>Professor of Physical Education, <sup>2</sup>Professor of Physical Sciences National Sports Academy, Sofia, <sup>3</sup>General Doctor  
**GREECE**
076. EVALUATION OF THE ACTIVITIES OF THE HAMSTRINGS DURING THE CHANGE OF THE MUSCLE LENGTH IN KNEE EXTENTION-FLEXION.  
S. Itte, A. Pasidis, Th.Siatras, K.Christoulas, Ch. Gotzamanidis.  
Dept. of Physical Education and Sports Science, Aristotle University of Thessaloniki,  
**GREECE**
077. ECCENTRIC AND EXTRENSIC OF ISOKINETIC POWER OF THE FLEXOR-EXTENSOR KNEE MUSCLE OF THE FEMALE NON ATHLETES.  
E. Katsareli, V. Gerodimos, A. Benik, S.Kellis.  
Dept. of Physical Education and Sports Science, Aristotle University of Thessaloniki,  
**GREECE**
078. ANALOGY OF THE FLEXOR-EXTENSOR OF THE KNEE MUSCLE AND DIFFERENT METHODS OF EVALUATION IN FEMALE NON-ATHLETES.  
E. Katsareli, V. Gerodimos, S. Dalakoura, A.Benik, S.Kellis.  
Dept. of Physical Education and Sports Science, Aristotle University of Thessaloniki,  
**GREECE**
079. RELATIONSHIP OF THE DIFFERENT METHODS OF EVALUATION OF THE POWER FLEXOR AND EXTENSOR KNEE MUSCLE.  
S. Dalakoura, V. Gerodimos A. Benik, S.Kellis.  
Dept. of Physical Education and Sports Science, Aristotle University of Thessaloniki,  
**GREECE**

16.00 17.00

FREE ANNOUNCEMENTS- KNEE INJURIES

Chairmen : **Antosidis K. Spanos N.**

080. INADEQUACY OF THE (ANTERIOR) ACL.ADVANTAGES-DISADVANTAGES OF 3 KINDS OF GRAFTS REHABILITATION.  
G.Gouvas, Ch.Hatzipapas, E.Pantazis, V.Vragalas, M. Savidis, Th. Karanasos.  
424 General Army Hospital of Greece, Thessaloniki, **GREECE**
081. RECORDING OF THE Q ANGLE IN YOUNG FEMALE ATHLETES AND ITS RELATION TO THE ANTERIOR KNEE PAIN.(PATELLA-FEMORAL SYNDROM)  
A.A Eleftheropoulos, N.Kounelis, N.Kostopoulos, Th.Papadopoulou, P.Baltopoulos.  
Laboratory of Functional Anatomy and Sports Medicine, Dept. of Physical Education and Sports Science, University of Athens, **GREECE**

082. VARIATIONS POINT OF THE KNEE LIGAMENTS AND ITS INFLUENCE IN THE TIBIA MOTION.  
**V. Boulti<sup>1</sup>, A. Drevelegas<sup>3</sup>, P. Gigis<sup>2</sup>.**  
<sup>1</sup> Laboratory of Anatomy, Dept. of Physical Education and Sports Science,  
<sup>2</sup>Laboratory of Anatomy, Medical School,<sup>3</sup>Laboratory of Radiology Medical School,  
Aristotle University of Thessaloniki, **GREECE**
083. SPORTS INJURIES IN SOCCER AND HANDBALL; A COMPARATIVE STUDY OF PROFESSIONAL ATHLETES.  
Em. Papakostas, Chr. Bikos, El. Eleftheriadis, P. Mimikos, P. Maliou,  
N. Maliaropoulos, T. Papaioanou.  
F.C. SKODA Xanthi, Orthopaedic Clinic, Xanthi General Hospital **GREECE**
084. LOSS OF RANGE OF MOTION OF THE KNEE AFTER ARTHROSCOPIC REHABILITATION OF THE ACL TEAR AND ACCOMPANYING INJURIES. PREVENTION-REASON-TREATMENT..  
G.A. Babalis, Ch. Karabalis, L. Papoulias, Ch.K. Gianakopoulos, P. Mikalev, K. Karliaftis, G. Gialas, E. Andonogianakis, P. Efstathiou.  
B' Orthopaedic Clinic, 401 General Army Hospital of Greece, Athens, **GREECE**
085. ACL SYNDESMOPLASTY WITH HAMSTRINGS. EARLY LATE REHABILITATION PROGRAM.  
G.A. Babalis. L. Papoulias, Ch.K. Gianakopoulos, Z. Kentros, Ch. Karabalis, K. Karliaftis, E. Andonogianakis, P. Efstathiou.  
B' Orthopaedic Clinic, 401 General Army Hospital of Greece, Athens, **GREECE**
086. TREATMENT OF OSGOOD SCHLATTER DISEASE IN PATIENTS UNDERGO SPECIAL PROGRAMS OF EXERCISE.  
M. Potoupnis, E. Makris, E. Pantazis, G. Gouvas, V. Vragalas, Th. Karanassos.  
424 General Army Hospital of Greece, Thessaloniki, **GREECE**
087. PROPOSAL TRAINING PROGRAMS OF PROPRIOCEPTION IN PROFESSIONAL SOCCER PLAYERS.  
Gioftsidou A., Pafis G., Malliou P., Beneka A., Godolias G.  
Dept. of Physical Education and Sports Science, Democritus University of Thrace,  
**GREECE**

17.00-17.30

LECTURE

Subject: **Immunological response in athletes: exercise's affect in immunological response of mucosa**

Chairman :

**Arvanitakis K**

Lecturer :

**Raptopoulou M.**

17.30-19.30

ROUND TABLE

Subject: **Exercise -Nutrition Psychology- Persons with special needs.**

Chairmen:

**Kalogeropoulos I Taxildaris K.**

Lecturers:

**Karamouzis M.** Metabolic adaptations during exercise and the role of nutrient supplement.

**Kalogeropoulos I.** Nutrition of athletes before and after the race.

**Grouios G.** Practice of surround simulated substance in Sports Medicine : Psychological approach.

**Aggelopoulou-Sakantami N.** Osteoporosis in children with special needs.

## POSTERS

- P1. TENNIS ELBOW. AN INTERESTING CASE REPORT  
S. Kapsalis, A. Papoutsidakis, P. Katonis, K. Balalis.  
Orthopaedic Clinic, PEPAGNI Hraklion , **GREECE**
- P2. APPLICATION OF PHYSIOTHERAPY AND HYDROTHERAPY AFTER SHOULDER DISLOCATION  
M. Geleva, E. Dimitrova, A. Kakalas  
Department of Kinesitherapy, National Sports Academy, Sofia, **BULGARIA**
- P3. HEAD INJURIES IN CHILDHOOD ATHLETES  
K.Kakavelakis, S. Vlazakis, A. Krasoudakis, Ch. Vardaki, K. Giannakoudakis, E. Alifieris  
University of Crete, Medical School,**GREECE**
- P4. ENZYMATIC OF THE ADAPTATIVE PROCESSES IN HIGH-PERFORMANCE SPORT  
D. Tocitu  
National Institute for Sport Medicine, Department Biochemistry, **ROMANIA**
- P5. EXCRETION OF PSEUDO EPHEDRINE FROM VARIOUS PHARMACEUTICAL PREPARATIONS  
R. Subasu, G. Bican, G. Vajjala  
National Institute for Sport Research, Department Doping Control Laboratory, **ROMANIA**
- P6. THE TRACING OUT OF THE CONTAMINATION WITH DOPING AGENTS OF THE NUTRITIONAL SUPPLEMENTS COMMERCIALIZED ON THE ROMANIAN MARKET  
G.E. Vajjala, M. Lamor, R. Subasu, G. Bican  
National Institute for Sport Research, Doping Control Laboratory, **ROMANIA**
- P7. EPOC ("OXYGEN DEBT") IN ATHLETES AFTER SUPRAMAXIMAL EXERCISE,ALLOMETRIC SCALING  
D.Stefanova  
National Sports Academy, Sofia, **BULGARIA**
- P8. SPIRULINE-BENEFITS OF ADMINISTRATION ON TOP PERFORMING ATHLETES  
M. Baroga  
I.N.M.S. National Institute of Sports Medicine, **ROMANIA**
- P9. INFLUENCE OF ESTROGEN IN LEVELS OF CPK AND LACTIC DEHYDRATE OF BLOOD FEMALE RATS AFTER ECCENTRIC EXERCISE.  
S. Sotiriadou<sup>1</sup>, V. Mougios<sup>2</sup>, A.Kiparos, Ch.. ,Matziari<sup>1</sup>  
<sup>1</sup> Laboratory of Physiology  
Dept. of Physical Education and Sports Science, <sup>2</sup> Laboratory of Health and Nutrition  
Dept. of Physical Education and Sports Science, Aristotle University of Thessaloniki, **GREECE**

- P10. INFLUENCE OF ESTROGEN IN STRUCTURAL CHANGES OF SOLEUS MUSCLE OF RATS AFTER ECCENTRIC EXERCISE  
S. Sotiriadou<sup>1</sup>, G. Karkavelas<sup>2</sup>, A. Cheva<sup>2</sup>, A.Kiparosa<sup>1</sup>, X. Mantziari<sup>1</sup>  
<sup>1</sup> Laboratory of Physiology  
Dept. of Physical Education and Sports Science,  
<sup>2</sup>Laporatory of General Pathology and Histopathology, Medical School, Aristotle University of Thessaloniki, **GREECE**
- P11. SPORTS AND COMPLICATIONS IN DISABILITY PERSONS  
N. Groumas, A.Ananidis, L. Papoulias, Ch. Dasiopoulou, I. Sillas, D. Psilaki.  
A' Rehabilitation Clinic FIAP-EIAA, **GREECE**
- P12. CONTRIBUTION OF AUTOPHAGIC AND INFLAMMATORY PROCESSES TO THE SKELETAL MUSCLE ATROPHY INDUCED BY IMMOBILISATION  
J.A.R.Duarte,H-J. Appell, M.J. Neuparth, K. Natsis, A. Castro, J.M.C.Soaes  
University of Porto, German Sport University, Aristotelian University,Aristotelian University of Thessaloniki, **PORTUGAL,GERMANY,GREECE**
- P13. TEAR OF TRICEPS MUSLE TENDON OF A THROW ATHLETE. SURGICAL TREATMENT  
A. Diakomanoli, G. Katsimixas, Ch. Papageorgiou, N. Pecopoulos  
General Hospital of Chalkida, Orthopaedic Clinic, **GREECE**
- P14. RISK FACTORS IN CORONARY DISEASE IN EMPLOYED IN CORRELATION WITH ITS ACTIVITIES  
E. Tsintsifa, A.Gouvianaki  
Laboratory of Health and Nutrition  
Dept. of Physical Education and Sports Science, Aristotle University of Thessaloniki, **GREECE**
- P15. FUNCTIONAL DIAGNOSIS AND PHYSIOTHERAPY FOR PREVENTION OF GROIN MUSCLE-TENDON INJURIES IN SOCCER  
E.Dimitrova, M. Gadev  
National Sports Academy, Department of Kinesitherapy,Sofia, **BULGARIA**
- P16. LASERPUNCTURE AND LASERTHERAPY IN THE COMPLEX TREATMENT OF SPORTIVE TRAUMAS  
Iv. Topouzov  
South Western University, **BULGARIA**
- P17. SPORTS CELLULITE AND MICROTRAUMATISM IN ATHLETES- DIAGNOSTICS AND TREATMENT  
Iv. Topouzov, A. Antonov, Iv. Batov  
South-Western University, **BULGARIA**
- P18. REHABILITATION AFTER ARTHROSCOPY OF THE ANTERIOR IMPINGEMENT OF THE ANKLE IN ATHLETES  
R. Tasheva  
Natrional Sports Academy, Department of Kinesitherapy, Sofia, **BULGARIA**
- P19. BIOLOGICAL DEVELOPMENT AND BODY COMPOSITION IN POWERLIFTING MALE ATHLETES  
D.Paduraru  
National Institute of Sports Medicine,**ROMANIA**

- P20. BILATERAL TIBIAL TUBERCLE AVULSION IN FRACTURE A BASKETBALL PLAYER  
M.Ergun, E. Taskiran, C. Ozgurbuz, A. Ertat  
Department of Sports Medicine and Orthopaedic Surgery, Ege University School of Medicine, Izmir, **TURKEY**
- P21. ARTHROSCOPICALLY ASSISTED ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION USING SEMITENDINOSUS TENDON AUTOGRAFT  
T.Kocahan, E. Taskiran, C. Ozgurbuz, A. Ertat  
Departments of Sports Medicine and Orthopaedic Surgery, University of Ege Medical School, **TURKEY**
- P22. EFFECTS OF CHRONIC AEROBIC EXERCISE ON RESTING IgG, IgA and IgM SERUM CONCANTRATIONS IN MIDDLE AGED MEN  
C.Ozgurbuz<sup>1</sup>, O. Karamizrak<sup>1</sup>, G. Aksu<sup>2</sup>  
<sup>1</sup>Ege University Medicine Faculty, Sports Medicine Dept.,<sup>2</sup>Pediatric Immunology Dept. **TURKEY**
- P23. COMPARISON OF DIFFERENT SKINFOLD PREDICTION EQUATIONS TO MEASURE BODY FAT PERCENTAGE IN PROFESSIONAL SOCCER PLAYERS  
S.Ostojic, S. Malicevic, S. Zivanic, M. Vanovic  
Sports Medicine Department, Institute for Medical Research, Military-Medical Academy, Belgrade, **YUGOSLAVIA**
- P24. COMPETITION ANALYSES OF SWIMMERS DURING ELITE SWIMMING COMPETITION  
B.Durmaz, B.Ozcaldiran  
Institute of Ege, Physical Medicine, **TURKEY**
- P25. THE CORRELATION OF MAXIMUM ISOMETRIC POWER OF EXTENSOR MUSCLES OF LOWER LIMB WITH UPRIGHT JUMPER OF NON ATHLETES WOMEN  
K. Giannakidou, S. Dalakoura, V. Gerodimos  
Dept. of Physical Education and Sports Science, Aristotle University of Thessaloniki, **GREECE**
- P26. STUDY OF THE POSTURE IN CP CHILDREN AFTER HIPPOThERAPY PROGRAM  
N. Gencheva  
Physiotherapist-National Sports Academy, Kinesitherapy and Rehabilitation, **BULGARIA**
- P27. QUANTITY VALUE OF THE CHANGES IN SPINE AND BACK MUSCLES IN CHILDREN WITH SCOLIOSIS  
M.Gikova, V.Kambourova  
Department Anatomy, Biomechanics and Sports Medicine, **BULGARIA**
- P28. INFLUENCE OF YEAR TRAINING PROGRAM IN VARIABILITY HORMONAL INDEX BETWEEN ATHLETES OF CLASSICAL SWIMMING AND TECHNICAL SWIMMING.  
A. Dalkiranis, Th. Patsanas, E. Bambakoudis, E. Sikaras, V. Boulti, A. Milonas  
Sector of Sports Medicine, Anatomy, Dept. of Physical Education and Sports Science, Aristotle University of Thessaloniki, **GREECE**

- P29. CHANGES OF IMMUNIZING PARAMETERS ( IgA,IgG,C<sub>3</sub>&C<sub>4</sub>) DURING PRE-RACE AND RACE PERIOD IN FOOTBALLERS  
G.Panagiotou.<sup>1</sup>,S. Tokmakidis.<sup>1</sup>,E. Douda <sup>1</sup>, M. Karamouzis <sup>1</sup>.  
<sup>1</sup> Dept. of Physical Education and Sports Science, Democritus University of Thrace,  
<sup>2</sup>Medical School, Aristotle University of Thessaloniki, **GREECE**
- P30. THE SITUATION OF PATELLAR TENDON AFTER REMOVAL OF A GRAFT FROM ITS MIDDLE THIRD FOR ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION.  
M.Iosifidis, <sup>1</sup>,Ch.Papastergiou<sup>2</sup>, I.Tsitouridis,<sup>2</sup> S.Papastergiou<sup>1</sup>, I.Giannakopoulos<sup>1</sup>, K.Parisis <sup>3</sup>.  
<sup>1</sup>Dept. of Sports Injuries Hospital “Agios Pavlos” Thessaloniki,  
<sup>2</sup>Radiology Department of General Hospital “Papagerogiou”, Thessaloniki  
<sup>3</sup>Director of Medical Office “Athens 2004”, **GREECE**
- P31. THE ROLE OF EXCENTRIC WORK IN REHABILITATION OF KNEE TENDINITY AT FOOTBALL PLAYERS.  
Ligia Rusu, Elena Taina Rinderu ,  
University of Craiova FEFS-Sports Medicine Department,**ROMANIA**
- P32. THE EFFICIENCY OF KINETOTHERAPY IN ESSENTIAL SCOLIOSIS'S RECOVERY.  
Apostu Mihaela, Cordun Mariana,  
National Academy of Physical Education and Sports Sciences. Dept. Kinetotherapy,  
**ROMANIA**
- P33. SPRINTER'S KNEE- THERAPY AND REHABILITATION  
N. Maliaropoulos, D. Christodoulou, A. Papalada  
Medical Center SEGAS Thessaloniki, Greece
- P34. THE EFFECT OF HIGH INTENSITY RESISTANCE TRAINING IN BODY COMPOSITION IN THE ELDERLY  
V. Kalapotharakos, M. Michalopoulos, G. Godolias, S. Tokmakidis, P. Malliou, A. Beneka, K. Diamantopoulos  
Democritus University of Thrace, Department of Physical Education and Sports Science, Komotini

## **CONGRESS' CONCLUSIONS**

**CONGRESS END**