

# 13<sup>TH</sup> INTERNATIONAL SPORT SCIENCES CONGRESS

## PROCEEDINGS BOOK

NOVEMBER 7-9, 2014  
RIXOS HOTEL, KONYA / TURKEY



<u>Muzaffer COLAKOĞLU, Özgür ÖZKAYA, Görkem Aybars BALCI, Bülent YAPICIOĞLU</u>
<b>OP618.</b> Investigating Effects of Aerobic Exercise and Combined Exercise Programmes on Body Composition and Resting Metabolic Rate <u>Kübra ALTUNSOY, Yılmaz UÇAN</u>
<b>Sport and Health Sciences/Session 2/Alaaddin Hall/ 18.00-19.30</b> <b>Chair: Dr. Mitat KOZ</b>
<b>OP154.</b> Effects of Creatine Supplementation and Resistance Training on Muscular Strength and Body Composition in Collegiate Athletes <u>Amin AZIMKHANI, Yaser GARAZHIAN, Amir MOGHADDAM, Sadegh ABBASIYAN, Zahra SAYEVAND</u>
<b>OP284.</b> The Comparison of Exercise Training and Methadone Supplement on Selected Indexes in Man Subjects <u>Amin AZIMKHANI, Sadegh ABBASIAN, Seyyed Reza ATTARZADEH, Samane ABBASIAN</u>
<b>OP351.</b> The Morphometric Effects of Nandrolone Decenate Used as Doping Agent Treatment on The Adrenal Zones of Male and Female Rats <u>Gökhan CÜCE, Erdal TAŞGIN, Sadullah BAHAR, Sefa LÖK</u>
<b>OP496.</b> Effect of Acute Food and Fluid Intake on Dxa Body Composition Measurement <u>Ulviye UĞUR, Latife HASGÜL, Nehir TUNA, Ayça TURAN, Süleyman BULUT, Hüsrev TURNAGÖL</u>
<b>OP650.</b> Evaluation of Fluid Consumption and Body Composition in Adults <u>Rüveyda Esra ERÇİM, Süleyman BULUT, Hüsrev TURNAGÖL</u>
<b>Psycho-Social Areas in Sport /Session 3/Karatay Hall/ 18.00-19.30</b> <b>Chair: Dr. Ziya KORUÇ</b>
<b>OP398.</b> Investigation of Exercise Reasons, Barriers and Life Satisfaction of Female Staff in Ordu University according to Several Variables <u>Gözde ERSÖZ, Hasan SÖZEN, Burkay CEVAHİRCİOĞLU</u>
<b>OP403.</b> Comparison of Overweight and Slim Women's Body Perceptions Based on Exercise Participation <u>Ömür AKKUŞ, Nihan ARSAN, Ziya KORUÇ</u>
<b>OP440.</b> Examination of Sportspersonship Orientation and Empathic Skills of Young Children in Terms of Gender <u>Gülfem SEZEN BALCIKANLI</u>
<b>OP610.</b> Women boxers: Keeping the gloves on in and out of the boxing ring <u>Esra EMİR, Mustafa Şahin KARAÇAM, Canan KOCA</u>
<b>OP646.</b> Investigation of Risk Factors for the Female Athlete Triad with Psychological Dimension in Athletes and Non-athletes <u>Pınar ÖZTÜRK, Yasemin GÜZEL, Tuğba Nilay GÜNGÖR, Ş. Nazan KOŞAR, Canan KOCA</u>
<b>OP652.</b> Do Parental Attitudes of Basketball Coaches Effect to Their Perception of Leadership and Life Satisfaction? <u>Turhan TOROS</u>
<b>Sports Management/Session 1/ Selçuklu Hall/ 18.00-19.30</b> <b>Chair: Dr. Gazanfer DOĞU</b>
<b>OP22.</b> Content Analysis of Official Twitter Account of under-20 Football World Cup <u>Levent ATALI, Burak GÜRER</u>
<b>OP131.</b> Exploring the Opinion of Football Supporters towards Violence in Football <u>Melih Nuri SALMAN, Bilgehan COŞKUNER</u>
<b>OP162.</b> Reflections: Organizational Change Initiatives in Sports Clubs and Interaction With Chaos <u>Selçuk AÇIKGÖZ</u>
<b>OP188.</b> Corporate Social Responsibility at Corporate Football Clubs <u>Burçak AKANSEL</u>
<b>OP514.</b> Examining the Occupational Exhaustion and The Organizational Commitment of Football Coaches <u>Yeliz ŞİRİN, Pervin BİLİR, Levent SANGUN, Günseli ÖZ</u>
<b>OP664.</b> Investigating Organizational Justice Perceptions of Professional Footballers from Their Demographic Characteristic's Point of View <u>Hayri AYDOĞAN</u>

November 8, 2014 Saturday/Oral Presentations
<b>Movement and Training Sciences /Session 5/Hall B/ 08.30-10.00</b> <b>Chair: Dr. Mehmet GÜNAY</b>
<b>OP146.</b> Tolerance to Electrical Muscle Stimulation <u>Celil KAÇOĞLU, Mehmet KALE</u>

<b>PP 274.</b> The Socioeconomic Factors Affecting Sports Preferences of the Members Participating in Physical Education and Sports Activities in the Youth Centers under the Metropolitan Municipality of Ankara <u>Özby GÜVEN, Lütfiye DEMİRCİÇEŞMESİ</u>
<b>PP 279.</b> The Impact of Entertaining Athletics on Psychomotor Development of 12 age Group Children <u>Önder GÖK, Betül BAYAZIT, Arda ÖZTÜRK</u>
<b>PP 285.</b> The Assesment of Athletes Sport Age, Self-Efficacy and Sport Self Confidence in Combat Sports <u>Nevzat ERDOĞAN, Serdar KOCAEKŞİ, Emre KARACA</u>
<b>PP 292.</b> Institutionalization Process of Sociology of Sport <u>Veli Ozan ÇAKIR</u>
<b>PP 311.</b> Examining The Experience of Sport Courage Among Wrestlers <u>Pervin BİLİR, Levent SANGÜN, Mansur CAVUŞOĞLU</u>
<b>PP 321.</b> How Effective To Do Exercise? Examining The Levels of Social Physique Anxiety and Physical Self-Perception of University Students Regarding Exercise Participation <u>Hakan KOLAYIŞ, İhsan SARI, Nurullah ÇELİK</u>
<b>PP 324.</b> Comparison of Russian and Turkish Young Soccer Players' Sport Motivation Scale-6 (SMS-6) Scores <u>Aleksandr N. VERAKSA, Fatma İlker KERKEZ, Sergey V. LEONOV, Gülşen MERTYÜZ</u>
<b>Psycho-Social Areas in Sport / Poster Session 4/ Poster Hall / 12.00-12.30</b> <b>Chair: Dr. Turhan TOROS</b>
<b>PP 325.</b> Using sport imagery in Russian and Turkish Young Soccer Players <u>Aleksandr N. VERAKSA, Fatma İlker KERKEZ, Alena I. GRUSHKO, Gülşen MERTYÜZ</u>
<b>PP 326.</b> Sport spectatorship motives of Physical Education and Sports School the Balıkesir University Students <u>İlyas ÖZEN, Erdil DURUKAN, Orçun Can YÜCEL</u>
<b>PP 329.</b> Survey on Interest of High School Students of Amasya in Sports <u>Bursun GÜLER, Burak ÖZDEMİR, Bahadır ŞİLLİ, Aykut ARSLAN, İsmail TAŞKAYA</u>
<b>PP 334.</b> Investigation of Emotional Intelligence Levels of Children Playing Football in Terms of Different Variables <u>Ayşe Feray ÖZBAL, Serdar KOCAEKŞİ, Burakcan KAPLAN</u>
<b>PP 343.</b> The Investigation of Bodily/Kinesthetic Intelligence and Sportspersonship Orientation of Students in School of Physical Education and Sport <u>Ender ŞENEL, Mevlüt YILDIZ</u>
<b>PP 349.</b> Research for Correlation Between Yellow Card, Competition's Result and Goals Allowed in During Soccer Competitions <u>Halil Orby ÇOBANOĞLU</u>
<b>PP 355.</b> Physical Education and Sports in High School Students Submissive Relationship Between Behavior and Self Esteem <u>Fikret ALINCAK, Hüseyin ÖZTÜRK, Nahit ÖZDAYI</u>
<b>PP 356.</b> Investigation The Effects of Eight Weeks Pilates and Step-Aerobics on Sturctural, Biomotorical and Physiocological Variables of Sedantery Women <u>Fatma ÖZTÜRK, Özhan BAVLI</u>
<b>PP 369.</b> An Investigation on Job Satisfaction Levels of Elite Female Volleyball Players <u>Ümit Doğan ÜSTÜN, Osman GÜMÜŞGÜL, Haluk KORKMAZ, Emre SEVİNÇ</u>
<b>PP 372.</b> Investigating Superstition Behaviours of School of Physical Education and Sports Students According to Their Attending Levels to Individual and Team Sports <u>Mehmet DEMİREL, Utku IŞIK, Hilal SEVAL, Seda OKAT</u>
<b>PP 376.</b> Emphatic Tendencies of Sports Sciences Faculty Students of Anadolu University <u>Dilek YALIZ SOLMAZ, Gülsün AYDIN</u>
<b>Physical Education and Sport / Poster Session 3/Poster Hall / 12.00-12.30</b> <b>Chair: Dr. Murat KANGALGİL</b>
<b>PP465.</b> Examination of the Relationship Between Emotional Intelligence and Life Satisfaction of the University Students in Sport Sciences <u>İdris YILMAZ, Fatih BEKTAŞ, Akın ÇELİK, Sabiha KAYA</u>
<b>PP467.</b> Investigation of Attitude Towards Cheating Among University Students <u>Duygu HARMANDAR DEMİREL, Utku IŞIK, Mehmet DEMİREL, Sinem ADALIOĞLU, Canan YILDIZ</u>
<b>PP468.</b> Examining Classroom Teachers' View About Teaching Physical Education <u>Şakir SERBES, Cevdet CENGİZ, Duygu Adile ATACER</u>
<b>PP497.</b> Assessment of The Physical Training and Sports Department the Practices in Social Service Lesson in terms of Student Gains <u>Uğur ŞENTÜRK, Bilal KARAKOÇ</u>
<b>PP498.</b> The Opinions and Implementations of Primary School Classroom Teachers Regarding The Game and

<u>Ziya BAHADIR, Zehra CERTEL, Atilla PULUR, Kazım KAYA</u>
<b>PP 494.</b> New Method in Psychological Analysis For Improving Performance of Player in Basketball With Collaboration of Information Technologies <u>Turhan TOROS, Volkan Kadir GÜNGÖR</u>
<b>PP 529.</b> An Examination of Sports Participation Motives of Middle and High School Students <u>Hidayet Suha YÜKSEL, Perican BAYAR, Onur Mutlu YAŞAR</u>
<b>PP 547.</b> An Analysis of Styles of Imagery In Elite Wrestlers <u>Fatih KARAKAŞ, Berna METE ERGİN, Yasemin ÇAKMAK YILDIZHAN</u>
<b>PP 566.</b> An Investigation of the Participation Motivation of Amateur and Professional Football Players <u>Erol DOĞAN, Hamza KÜÇÜK, Egemen ERMİŞ</u>
<b>Physical Education and Sport / Poster Session 4/ Poster Hall / 14.30-15.00</b> <b>Chair: Dr. Yunus ARSLAN</b>
<b>PP626.</b> Analyzing the Attitudes of School Administrators towards Physical Education Lesson <u>Varol TUTAL, Ebubekir AKSAY, Mehmet EFE</u>
<b>PP653.</b> The Impact of Physical Activities on the Motor Skills, Mental and Social Development of Children with ASD <u>Sinem KORTAY CANALOĞLU</u>
<b>PP677.</b> Effects of Exercise Program on Balance in Children with Cerebral Palsy <u>Verda AKYÜZ, Yaşar TATAR, Selda UZUN, Nejla GERÇEK, Sevinç KARABÜRK, Nusret RAMAZANOĞLU, Cengiz KARAGÖZOĞLU</u>
<b>PP701.</b> Effects of Long Term Exercise and Sports Program on Physical Performance in Children with Hemiplegia <u>Sevinç KARABÜRK, Yaşar TATAR, Selda UZUN, Nejla GERÇEK, Verda AKYÜZ, Nusret RAMAZANOĞLU, Asiye Filiz ÇAMLIGÜNEY</u>
<b>PP710.</b> Multiple Intelligences Theory of Physical Education and Sport Studies in terms of Content Analyses to Evaluate <u>Erhun TEKAKPINAR, Figen YAMAN LESİNGER</u>
<b>Sport and Health Sciences / Poster Session 4/Poster Hall / 14.30-15.00</b> <b>Chair: Dr. Ayda KARACA</b>
<b>PP 509.</b> Evaluation of Physical Activity Levels and Skin Fold Thickness of Students in Government and Private Schools <u>Sinan UĞRAŞ, Abdullah GÜLLÜ, Esin GÜLLÜ, Sercan ÖZEREN</u>
<b>PP 519.</b> Examining The Influence of The Existence of Palmaris Longus Tendon on The Grip Strengths of Students Having Different Somatotypes <u>Deniz ŞENOL, Davut ÖZBAĞ, M. Emin KAFKAS, Mahmut AÇAK, Özlem BAYSAL, Armağan ŞAHİN KAFKAS, Celal TAŞKIRAN, Mahmut ÇAY, Derya YAĞAR, Gökmen ÖZEN</u>
<b>PP 528.</b> The Attendance to Sport of Women Living in Bilecik, Obesity Prevalence and Risk Factors <u>Raif ZİLELİ, Önder ŞEMŞEK, Hüseyin ÖZKAMÇI, Gürkan DİKER</u>
<b>PP 532.</b> Elite Level in Turkey Tennis Players in The Prevalence and Causes Investigation of Injury <u>Orhan AHMET ŞENER, Taner ZİYYLAN</u>
<b>PP 609.</b> The Comparison of Performance Parameters and Anthropometric Characteristics and Indexes of Underwater Rugby Players and Football Players <u>Aysel TATLI, Murat SON, Bergün MERİÇ BİNGÜL, Deniz DEMİRCİ, Çiğdem BULGAN, Menşure AYDIN</u>
<b>PP 709.</b> Comparison Between Functional Movement Screen (fms) and Body Mass Index of the Swimmers <u>Oğuz ÜÇER, M. İsmet TOK, Erkan GÜNAY, Aksel ÇELİK</u>
<b>Sport Management / Poster Session 2/ Poster Hall / 14.30-15.00</b> <b>Chair: Dr. Süleyman Murat YILDIZ</b>
<b>PP52.</b> The Relationships between Service Quality, Customer Satisfaction and Customer Loyalty: An Empirical Investigation of Fitness Center <u>Nur SAVAŞ, Süleyman Murat YILDIZ</u>
<b>PP434.</b> The Analysis of Expectation and Satisfaction of Volunteers Who Work for Sports Organizations <u>Sevim GÜLLÜ, Abdullah ÖZTÜRK, Bilge DONUK</u>
<b>PP510.</b> Assessment on Service Quality Expectations and Perceptions of People Getting Service from Fitness Centers <u>Ersan TOLUKAN, Hamdi Alper GÜNGÖRMÜŞ, Halil SAROL</u>
<b>PP486.</b> Investigation The Effects of Leadership Style of Sport Managers on Organizational Commitment, Organizational Climate and Job Satisfaction <u>Yasemin KEMERİZ, Özhan BAVLI</u>
<b>PP587.</b> Decentralization in The Turkish Sports Management



**PP. 494 NEW METHOD IN PSYCHOLOGICAL ANALYSIS FOR IMPROVING PERFORMANCE OF PLAYER IN BASKETBALL WITH COLLABORATION OF INFORMATION TECHNOLOGIES**

Turhan Toros<sup>1</sup>, Volkan Kadir Güngör<sup>2</sup>

<sup>1</sup> Mersin University School of Physical Education and Sports Department of Coaching Education

<sup>2</sup> Toros University Computer Engineering

**Abstract**

**Aim:** The research aim to create a method which supplies to optimizing athletes performance in basketball with psychological analysis on information technologies based.

**Method:** Twenty games of Man Basketball League of Turkey was analyzed in 2013-2014 session. Three staff was noticed game detail in Scouting Papers on the game. Our computer software system was recorded active teams players information and game score in 30 seconds period in the game playing moment. Players Information is about, player name, player number, changing time, player score, playing duration and some other parameters. Recorded Players changing time and scores were saved in sql database by using XML protocol. Data entry interfaces was develop by using C# software. The software making statistical analysis to recorded data and draw three different graphics to show high performance time periods of athletes.

**Results:** After the analysis, collaboration with shown in the table, Data Entry and Monitoring Interface, Period and Performance Graphics, Percentage Calculating Graphics and Psychological Performance Graphics

**Conclusion:** As this research result shows; Information technologies can be used in sports science and this multidisciplinary collaboration provided to easier and faster analyze capability and creating sports history memories by databases and more efficient statistical measurement about athlete psychological performance.

**Keywords:** Basketball, Psychological Analysis, Information Technologies, Scouting, Performance

**PP. 529 AN EXAMINATION OF SPORTS PARTICIPATION MOTIVES OF MIDDLE AND HIGH SCHOOL STUDENTS**

Hidayet Suha Yüksel<sup>1</sup>, Perican Bayar<sup>1</sup>, Onur Mutlu Yaşar<sup>1</sup>

<sup>1</sup> Ankara University Faculty of Sport Sciences

**Abstract**

**Purpose:** The purpose of this study is to determine the sports participation motives of middle and high school students, and examine whether the student's motivation to participate in sports varies according to the student's stage of education, gender, and family support.

**Method:** The sample consists of 2135 students randomly selected from 9 different middle schools and 3 different high schools. Participation Motivation Questionnaire (PMQ) which was developed by Gill et al. (1983) was used to collect data. In this study, Cronbach's alpha reliability coefficient was determined to be 0.86, and frequency, mean and standard deviation values were used as descriptive tests. Further, the normal distribution of the data was tested with Kolmogorov-Smirnov test, and because the data did not show normal distribution, in order to determine the differences between binary variables the Mann-Whitney U test was applied as nonparametric test respectively.

**Findings:** In the study, the most important motivational factors for encouraging the participation of both the middle and high school students in sports were found to be "skill development" (middle: 1,21±0,32), (high: 1,27±0,39) and "movement/being active" (middle: 1,23±0,39), (high: 1,29±0,46). It has been seen that there is a significant difference between boys and girls with girls demonstrating higher levels in the subdimensions of "success", "fun", "friendship" and "movement/being active"