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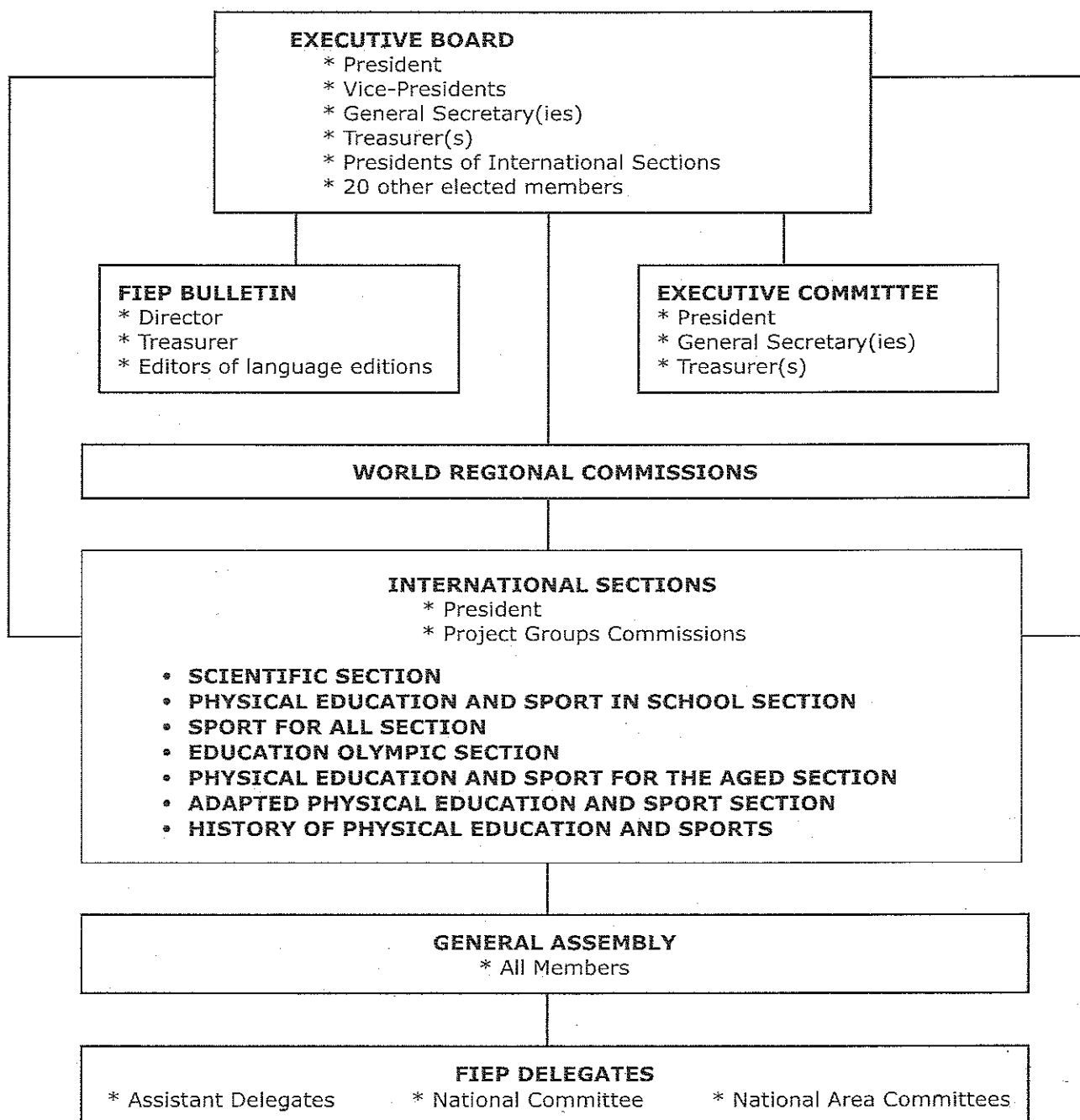


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CONTENTS

Structure of the FIEP	pg 002
Contents	pg 003
Editorial.....	pg 004
by Almir Gruhn	
Index.....	pg 005
ARTICLES	pg 010
(118 papers)	
FIEP Executive Board.....	pg 405

History

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EDITORIAL

28 YEARS OF THE INTERNATIONAL CONGRESS OF PHYSICAL EDUCATION AND WORLD CONGRESS OF FIEP

With the realization of WORLD CONGRESS OF FIEP - 2013, celebrating 90 years of activities FIEP World (1923-2013), more than 100 delegates FIEP confirmed the presence at the event, a historical Record. Elections will also be held from FIEP, which maintains its tradition with the release of a single plate. The FIEP will release Medal Prof. Manoel Tubino, in honor of 90th anniversary of the institution.

In 28 years of representation of the actions of FIEP in Foz do Iguaçu, through the International Congress of Physical Education, account for more than 10 thousand scientific works between papers, posters and oral abstracts, presented and published with the best modern scientific contributions, by their authors, national and foreign.

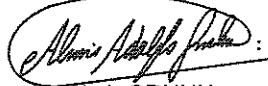
It ennobles the institution to ensure their serious work, ethical and committed to professional development and social transformation.

The requirement, the care, the devotion and the wisdom of our beloved Manoel José Gomes Tubino, were who always looked for to follow the world-wide rhythm of the technology, being made possible the socialization of the knowledge for all.

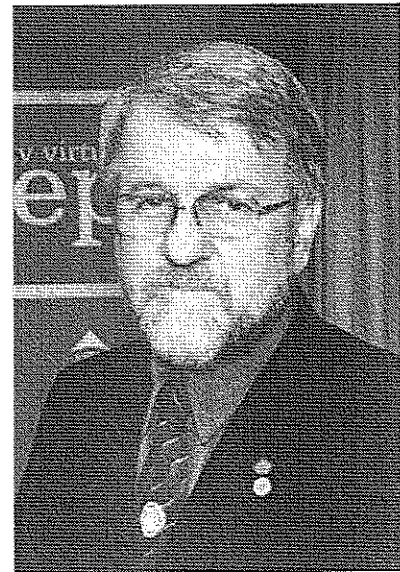
This year beyond the International Congress of Physical Education that offers courses of upgrade and improvement, we have the following side events: X Latin American Scientific Congress of FIEP, X Scientific Brazilian Congress of the FIEP "Prof. Dr. Manoel José Gomes Tubino", IV Seminar on Values of the Sport and Olympic Education, VII Seminar on Ethics of CONFEF, III International Student Meeting of Physical Education, V Forum of Physical Education. III Seminar on the History of Physical Education, II Seminar on Physical Activity in Health Care, III Forum of Coordinators of National Physical Education Courses, XI Physical Education Forum of Mercosur, The FIEP presents to all with the on-line publication of all the presented scientific articles during the event.

In my name as President of FIEP and General Coordinator of the Congress, we have the honor of presenting scientific papers selected in the first event of Physical Education in 2012.

Thank you and Congratulations to the researchers in the continuing effort by the Scientific Research



Almir GRUHN
FIEP President

**28 ANOS DO CONGRESSO INTERNACIONAL DE EDUCAÇÃO FÍSICA E CONGRESSO MUNDIAL DA FIEP**

Com a realização do CONGRESSO MUNDIAL DA FIEP - 2013, comemorativo aos 90 anos de atividades da FIEP Mundial (1923-2013), mais de 100 Delegados da FIEP confirmaram a presença no evento, um Record histórico. Também serão realizada as Eleições da FIEP, que mantém sua tradição com o lançamento de uma única chapa. A FIEP fará o lançamento da Medalha Prof. Manoel Tubino, em homenagem aos 90 anos da instituição.

Em 28 anos de representatividade das ações da FIEP em Foz do Iguaçu, através do Congresso Internacional de Educação Física, contabilizam quase 10 mil trabalhos científicos entre artigos, pôsteres e temas livres orais, apresentados e publicados com as melhores e mais modernas contribuições científicas, através de seus autores, nacionais e estrangeiros.

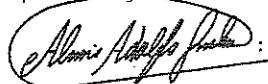
Isso enobrece a instituição garantindo o seu trabalho sério, ético e comprometido com o desenvolvimento profissional e transformação social.

A exigência, o cuidado, a dedicação e a sabedoria do nosso querido Manoel José Gomes Tubino, foi quem sempre procurou acompanhar o ritmo mundial da tecnologia, possibilitando a socialização do conhecimento para todos.

Este ano, além do Congresso Internacional de Educação Física que oferece os cursos de Atualização e Aperfeiçoamento, teremos os seguintes eventos paralelos: X Congresso Científico Latino-Americano da FIEP, X Congresso Brasileiro Científico da FIEP - "Prof. Dr. Manoel José Gomes Tubino", III Encontro Internacional de Estudantes de Educação Física, VII Seminário de Ética do CONFEF, V Fórum de Educação Física Escolar, III Seminário de História da Educação Física, II Seminário de Atividades Físicas na Atenção à Saúde, III Fórum Nacional de Coordenadores dos Cursos de Educação Física, XI Fórum de Educação Física do Mercosul, IV Seminário Sobre Valores do Esporte e Educação Olímpica, a FIEP presenteia a todos com a publicação on-line de todos os artigos científicos apresentados durante o evento.

Em meu nome como Presidente da FIEP e Coordenador Geral do Congresso, temos a honra de apresentar os trabalhos científicos selecionados no primeiro evento de Educação Física do ano de 2013.

Obrigado e Parabéns aos Pesquisadores pelo esforço na continuidade da Pesquisa Científica



Almir GRUHN
Presidente da FIEP

Contents

DO PRE-SERVICE TEACHERS' BELIEFS TOWARD PHYSICAL EDUCATION CURRICULAR OUTCOMES DEVELOP DURING AN ACADEMIC YEAR?	10
MANOLIS ADAMAKIS - KATERINA ZOUNHIA	
OLYMPIC EDUCATION IN RUSSIAN FEDERATION	14
OKSANA ALIMPIEVA - ANNA SHISHKINA	
THE POSSIBILITIES OF EVALUATION OF GAME SKILLS AND GAME PERFORMANCE IN FRISBEE ULTIMATE	16
GUSTÁV ARGAJ - ZUZANA ŽUFFOVÁ	
PLYOMETRIC EXERCISES AS A WAY OF DEVELOPING SPEED-STRENGTH ABILITIES OF SECONDARY SCHOOL STUDENTS AND POSSIBILITIES OF UTILIZATION IN COEDUCATIONAL LESSONS	19
TIBOR BALGA - BRANISLAV ANTALA	
ANALYSIS OF THE DROWNED PEOPLE ON THE TERRITORY OF THE SLOVAK REPUBLIC IN YEARS 1991-2000 AND 2001-2010.	22
IGOR BARAN	
THE INFLUENCE OF COMBATIVES ON GENERAL MOTOR PERFORMANCE OF PUPILS.	26
PAVOL BARTÍK	
BACK SCHOOL AS AN OPTION TO PREVENT POOR BODY POSTURE OF 11 – 14 YEARS OLD CHILDREN	29
ROMAN BEKŮ	
PARTICIPATION OF COORDINATION SKILLS ON THE LEVEL OF SWIMMING CAPABILITY OF PRESCHOOL CHILDREN	33
ĽUBOMÍRA BENČURIKOVÁ	
CONTRIBUTION OF SIMULATION TO STUDY THE PROCESS OF CATEGORIZATION IN SPORTS.	36
MOHAMED SEBBANE - HADJ MOHAMED BENKAZDALI	
PHYSICAL ACTIVITY AND MAJOR CARDIOVASCULAR RISK FACTORS IN SECONDARY SCHOOL CHILDREN	39
SIMONA BERNÁTOVÁ - ZUZANA HEGEDÚSOVÁ - KATARÍNA DOSTÁLOVÁ - SOŇA WIMMEROVÁ - ZORA GEROVÁ - EVA HORVÁTHOVÁ - ŠTEFÁNIA MORICOVÁ	
FUTSAL DIDACTICS BY VIDEO ANALYSIS FOR TECHNICAL LEARNING AND EVALUATION TOOL	43
FABIO BIANCHI - LORIS POLIDORO - SALVATORE NAPOLITANO - GAETANO RAIOLA	
ORGANISATIONAL EFFICACY AND QUALITY OF SERVICES: THE ROLE OF EDUCATORS IN AN ITALIAN CASE STUDY	45
ANTONIO BORGOGNI - SIMONE DIGENNARO	
SYNAPTIC PLASTICITY AND MOTOR LEARNING	48
ZBIGNIEW BORYSIUK - MONIKA BŁASZCZYŚZYN	
PHYSICAL ACTIVITY AND THE QUALITY OF LIFE OF STUDENTS AT CONSTANTINE THE PHILOSOPHER UNIVERSITY IN NITRA. ..	51
JAROSLAV BROŽÁNI - VLADIMÍR ŠUTKA - VERONIKA ŠPÁNIKOVÁ - MARTINA VRAVKOVÁ	
PERSON WITH DISABILITIES: INCLUSIVE PHYSICAL ACTIVITY & PHYSICAL EDUCATION LITERACY AND GUIDELINES FOR REPORTING AND WRITING BASED ON THE EVIDENCE	54
STEFANIA CAZZOLI	
INTERDISCIPLINARY SOCIOLOGICAL APPROACH USING THE QUESTIONNAIRE RESEARCH METHOD REGARDING THE LEARNING OF BASKETBALL IN FIFTH GRADE PUPILS.	59
CĂTĂLIN CIOCAN - DANA CIOCAN - GABRIEL LUPU - ADRIAN DJUDEANU - MARCEL PETREAN	
LEVELS OF PHYSICAL ACTIVITY AND FITNESS IN NORMAL-WEIGHT AND OVERWEIGHT CHILDREN.	62
DARIO COLELLA - MILENA MORANO	
RELATIONSHIP BETWEEN MAXIMUM STRENGTH AND ERGONOMETRIC PERFORMANCE IN SELECTED CHILEAN ROWERS	65
FELIPE ABAD COLIL - OSCAR ROBINSON YAÑEZ - JOSÉ FERNANDES FILHO	
LEARNING PREFERENCES BETWEEN PHYSICAL EDUCATION STUDENTS FROM RURAL AND URBAN AREA	68
VIRGINIA GARCIA COLL - MIRIAM PALOMO NIETO - MARCOS PEREZ BARRIOS - POL LORENTE SOLA	
IMPACT OF THE DEVELOPMENT OF COORDINATION ABILITIES ON THE SPEED OF CARTWHEEL ACQUISITION.	70
NATÁLIA CZAKOVÁ	
THE LEVEL OF GENERAL PHYSICAL PERFORMANCE OF PUPILS ATTENDING THE FIRST GRADES AT PRIMARY SCHOOLS IN BANSKÁ BYSTRICA	73
IVAN ČILLÍK - RASTISLAV KOLLÁR - JURAJ KREMŇICKÝ - PAVOL PIVOVARNÍČEK - MARTINA KOVÁČIKOVÁ - ONDREJ ĎURJÁK - SIMONA ŠVACHOVÁ - ANNA MURÍNOVÁ	
DEVELOPMENT PROCESS OF A FOOD AND NUTRITION EDUCATION PROGRAM FOR ADOLESCENT BRAZILIAN VOLLEYBALL PLAYERS	76
NATÁLIA VILELA SILVA DANIEL - LUANA PILON JÜRGENSEN - LARA D'ÁVILA LOURENÇO - RICARDO DA COSTA PADOVANI - CLAUDIA RIDEŁ JUZWIĄK	
GLOBAL POSTURAL REEDUCATION IN THE TREATMENT OF ADOLESCENT IDIOPATHIC SCOLIOSIS	80
EVGENIYA DIMITROVA	
CHALLENGES OF (INCLUSIVE) PHYSICAL EDUCATION (IPE) IN EUROPE	83
MARIA DINOLD	

VENOUS THROMBOEMBOLISM IN YOUNG SPORTSMEN – WHO IS AT RISK AND WHO IS RESPONSIBLE?	86
KATARÍNA DOSTÁLOVÁ - ŠTEFÁNIA MORICOVÁ	
ETHICS AND SPORTS (ETHICS BY KVIRIN VASILJ, 1917-2005).	88
DRAŽENKO TOMIĆ	
BODY ACTING AND COMMUNICATING IN PHYSICAL EDUCATION: MOTOR SEMIOTICS IN VOLLEYBALL.	90
ALI ELLOUMI- NEILA GHANNOUCHI	
LATENT STRUCTURE OF MOTOR AND FUNCTIONAL VARIABLES ON A SAMPLE OF JUNIOR FOOTBALL PLAYERS	98
FREDI FIORENTINI - TIHANA NEMČIĆ - GORAN SPORIŠ MARKO BADRIĆ - IVAN KRAKAN	
STRENGTH PARAMETERS OF COLLEGE STUDENTS IN ISOKINETIC MODE IN FRONT CRAWL SWIMMING	101
LUBOŠ GRZNÁR - YVETTA MACEJKOVÁ - MATÚŠ PUTALA	
COACHING AS AN APPROACH TO MOTIVATION IN ADOLESCENT ATHLETES.	104
TOMÁŠ GURSKÝ	
PHILOSOPHICAL-ANTHROPOLOGICAL JUSTIFICATION FOR PHYSICAL EDUCATION IN AND OUTSIDE OF SCHOOLS	107
HERBERT HAAG	
LONGITUDINAL STUDY OF CHANGES OF BMI INDEX IN THE ONTOGENESIS OF CHILDREN AND YOUTH	111
NORA HALMOVÁ	
W(H)ITHER SCHOOL PHYSICAL EDUCATION PROVISION IN EUROPE: TWO DECADES OF RESEARCH EVIDENCE	115
KEN HARDMAN	
DEVELOPMENT OF PLAYER'S AGILITY IN BASKETBALL	120
PAVOL HORIČKA - LUBOMÍR PAŠKA - LENKA SEDLIAKOVÁ	
SELECTED PROBIOTIC PARAMETERS OF LACTIC ACID BACTERIA ISOLATED FROM THE FAECES OF VEGETARIANS AND NONVEGETARIANS.	125
EVA HYBENOVÁ - LUCIA BIROŠOVÁ - KRISTÍNA NAGYOVÁ - JÚLIA ŠTOFIROVÁ - NIKOLETA ŠAKOVÁ	
GENERAL MOTIONAL PERFORMANCE OF REPRESENTATIVES IN DANCE SPORT	130
MATEJ CHREN	
CHANGES IN SPEED, AGILITY AND ENDURANCE IN FOOTBALL PLAYERS REGARDING DIFFERENT AGE CATEGORIES – TRANSVERSAL MODEL	134
JELENA IVANOVIĆ - ACO GAJEVIĆ - NEMANJA BADNJAREVIĆ	
THE IMPORTANCE OF VOCATIONALLY-APPLIED PHYSICAL TRAINING OF YOUNG PEOPLE FOR THE FORMATION OF PERSONNEL RESERVE POWER STRUCTURES OF THE STATE	138
SERGII IVASHCHENKO	
CHANGES OF ENDURANCE AND FLEXIBILITY IN JAZZ-BALLET DANCERS USING MIXED MODELS OF AEROBICS	141
SAŠA JOVANOVIĆ - GORAN BOŠNJAK - GORANA TEŠANOVIĆ	
EATING HABITS AND PHYSICAL ACTIVITY OF ELEMENTARY SCHOOLS PUPILS IN BROUMOVSKO REGION	144
JANA JUŘIKOVÁ - LÝDIE STODOLOVÁ	
NUTRITION INTAKE AND KNOWLEDGE, BODY IMAGE PERCEPTION, EATING DISORDER RISK AND INTENTION OF BEHAVIOR CHANGE OF FEMALE BRAZILIAN ATHLETES.	148
CLAUDIA RIDEL JUZWIAK - LUANA PILON JÜRGENSEN - NATÁLIA VILELA DANIEL RICARDO DA COSTA PADOVANI - LARA D'ÁVILA LOURENÇO - FÁBIO TADEU MONTESANO	
QUALITY OF LIFE IN ADOLESCENTS	152
MÁRIA KALINKOVÁ - LUBOMÍR PAŠKA	
CHANGES IN THE INCIDENCE OF SHORTENED MUSCLES IN 11 - 15 -YEAR-OLD GIRLS	158
JANKA KANÁSOVÁ	
INTEREST FOR SPORT ACTIVITY AT STUDENTS OF THE 1ST ACADEMIC YEAR AT FCHPT STU	162
ANDREA KOLÁRIKOVÁ - KATARÍNA JAĎUĐOVÁ - MIROSLAV BOBŘÍK - LUCIA ONDRUŠOVÁ	
RULE CHANGES IN COMPETITIVE BALL GAMES TO INCREASE GAME PARTICIPATION IN PLAYERS WITH LOW ABILITY TO PLAY.	166
MICHAEL KOLB	
IMPACT OF DIFFERENT TRAINING PROGRAMS ON SOCCER PLAYERS' TACTICAL PERFORMANCE	168
PETER KOPŮŇ - PAVOL PERÁČEK	
EURO 2012: THE KRAKOW'S PHENOMENON	172
LESZEK F. KORZENIOWSKI	
CORRELATION OF RELATIONSHIPS TOWARDS SCHOOL AND PHYSICAL EDUCATION CLASS WITH LEISURE TIME PHYSICAL ACTIVITIES	176
MATEJA KUNJEŠIĆ - MARIJA LORGER - IGOR BOKOR	
PHYSICAL EDUCATION TEACHERS' OPINIONS ABOUT SUITABILITY AND FEASIBILITY OF THE NEW CORE CURRICULUM FOR SECONDARY SCHOOLS IN POLAND	179
CEZARY KUŚNIERZ	
THE EFFECT OF ELECTRO-MYO-STIMULATION ON ANTHROPOMETRIC PARAMETERS IN ADULT WOMEN	182
OLGA KYSELOVIČOVÁ - MARIÁN BRČÁK	

NEW POSSIBILITIES OF DIAGNOSTICS OF PHYSICAL FITNESS IN DEEP WATER	185
JANA LABUDOVIÁ	
THE SLOVAK YOUTH OPINION TO SENIORS SPORTING OPPORTUNITIES	188
JELA LABUDOVIÁ - NATÁLIA ORŠULOVIÁ	
THE ROLE OF PHYSICAL EDUCATION IN THE ADOPTION OF AN ACTIVE LIFESTYLE BY STUDENTS AT THE END OF SECONDARY SCHOOL: A SURVEY IN NORTH-EAST OF ITALY	191
MASSIMO LANZA - ILARIA SALVADORI	
LEVELS OF SELECTED COORDINATION SKILLS OF 11 UP TO 15 YEAR OLD FEMALE ATHLETES	194
ANTON LEDNICKÝ – LADISLAVA DOLEŽAJOVÁ	
A STUDY CONCERNING ANTHROPOMETRIC AND MOTRIC POTENTIAL OF HIGH SCHOOL PUPILS IN SUCEAVA COUNTY ..	197
FLORIN-VALENTIN LEUCIUC - FLORIAN BENEDEK - BOGDAN-MARIUS GROSU - GHEORGHE PRICOP	
DEVELOPMENT OF AGILITY IN SOCCER	201
DOMINIK LIBUŠA – JAROMÍR ŠIMONEK	
BIO - MEDICAL SUBJECTS TEACHING IN PREPARATION OF PHYSICAL EDUCATION PEDAGOGUES	204
JANKA LIPKOVÁ - HELENA MEDEKOVÁ - MARTA WIECZOREK	
SWIMMING DIDACTICS DIFFERENCES BETWEEN HEALTHY AND MENTALLY DISABLED PUPILS	207
YVETTA MACEJKOVÁ - LUKÁŠ ODRÁŠKA - LUBOŠ GRZNÁR	
THE INFLUENCE OF MOTOR ABILITIES ON SOCIOMETRIC STATUS OF THE GROUP AT STUDENTS OF 10 YEARS OLD	209
MARJAN MALCEV	
CORRELATES OF PHYSICAL ACTIVITY FOR PORTUGUESE ADOLESCENTS ACCORDING TO GENDER	212
JOÃO MARTINS - ADILSON MARQUES - FRANCISCO CARREIRO DA COSTA	
DISCOURSE ON CURRICULUM DEVELOPMENT IN PHYSICAL EDUCATION	216
DANA MASARYKOVÁ - PETR VLČEK	
CORRELATION BETWEEN PARENT-CHILD BODY MASS INDEX (BMI)	219
HELENA MEDEKOVÁ – MARIANA ŠELINGEROVÁ	
MANAGEMENT OF LEISURE ACTIVITIES	222
PETER MELEK	
NEW DANCE PROGRAMME AND BALANCED NUTRITION FOR CIVILISATION DISEASE PREVENTION	226
LUCIA MIKUŠOVÁ - MIROSLAV BOBRÍK - LUCIA ONDRUŠOVÁ - ERNEST ŠTURDÍK	
CARDIORESPIRATORY FITNESS OF SCHOOLCHILDREN IN ELEMENTARY SCHOOLS IN BELGRADE	230
IVANA MILANOVIĆ - SNEŽANA RADISAVLJEVIĆ-JANIĆ - DRAGAN MIRKOV	
EVALUATION OF BATTERY OF TESTS IN THE MODEL OF MONITORING PHYSICAL FITNESS OF STUDENTS IN PHYSICAL EDUCATION IN SERBIA	233
IVANA MILANOVIĆ - SNEŽANA RADISAVLJEVIĆ-JANIĆ	
CHANGES IN ENJOYMENT OF PHYSICAL ACTIVITY, ACTUAL AND PERCEIVED PHYSICAL ABILITIES IN PRIMARY SCHOOL CHILDREN	238
MILENA MORANO - LUCIA ERCOLINO - DARIO COLELLA	
EVALUATION OF THE IMPLEMENTATION OF THE PATTERNS IN THE WOMEN'S WATER POLO: THE EXPERIENCE OF A TEAM IN THE ITALIAN CHAMPIONSHIP PREMIER LEAGUE	240
SALVATORE NAPOLITANO - DANIELA TURSI - GAETANO RAIOLA	
PERFORMANCE ANALYSIS AND EVALUATION OF THE IMPACT WITH THE WATER IN HIGH DIVING	245
SALVATORE NAPOLITANO - DANIELA TURSI - GAETANO RAIOLA	
THE IMPACT OF USE OF MOVING IMAGES ON THE DEVELOPMENT OF THE MOVEMENT OF PRE-SCHOOL CHILDREN (4-6-YEARS)	249
NASER ALI AGHEL - AIAD ALGHDE - ALMUEZ MOHAMED SHAFTER	
DANCING, AN AGENT OF DIDACTICS OF THE PERSONALITY OF YOUNG STUDENTS	252
MIRCEA NEAMȚU - DANA PÎRVULESCU	
YOUTH SPORTING ACTIVITY SEEN THROUGH COMPETITIONS OF SCHOOL SPORTING ASSOCIATIONS IN THE POŽEGA-SLAVONIA COUNTY (CROATIA)	256
KORALJKA JOSIPA NEFEROVIĆ	
QUALITY OF LIFE OF UNIVERSITY STUDENTS FROM HEALTH STATUS AND SPORT PARTICIPATION POINT OF VIEW	260
DAGMAR NEMČEK - JULIE WITTMANNOVÁ	
LATENT STRUCTURE OF MOTOR AND FUNCTIONAL VARIABLES ON A SAMPLE OF CADET FOOTBALL PLAYERS	263
TIHANA NEMČIĆ - FREDI FIORENTINI - GORAN SPORIŠ - MARKO BADRIĆ - IVAN KRAKAN	
GRADUATE EDUCATORS AND ELEMENTARY TEACHER: TRAINING STRATEGIES IN PHYSICAL EDUCATION	266
RUI NEVES	
PHYSICAL EDUCATION, TEACHERS AND ELEMENTARY SCHOOLS: THE CONTEXT OF TEACHERS' DECISIONS	268
RUI NEVES	
LEARNING PREFERENCES BETWEEN BOYS AND GIRLS IN PHYSICAL EDUCATION CLASSES	270
MIRIAM PALOMO NIETO - VIRGINIA GARCIA COLL	

THE ROLE OF PHYSICAL EDUCATION IN THE ADOPTION OF AN ACTIVE LIFESTYLE BY STUDENTS AT THE END OF SECONDARY SCHOOL: A SURVEY IN NORTH-EAST OF ITALY

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Italy

ABSTRACT

The main aim of the search is to identify the role of physical education in the choice of the lifestyle in 1469 students (male and female, 17-22 years) (Nuviala, 2010). Some anthropometric characteristics (BMI), amount of physical activity (IPAQ-A), self-efficacy perception (PSE), scholastic grades in physical education (EV – Values among 0-10), and the gender of the teachers are been detected, in order to characterize the population and verify their (potential) role in the choice of lifestyles. This presentation, based on the results of 1469 subjects, concerns the characteristics of the students (males versus females), their opinions on physical education and the role it played in the adoption of their lifestyle. The study of the correlations among the parameters assessed and the justifications given by the students are still in progress. Males (M) show higher values than females (F) ($p < 0.001$ for all) for Age, BMI, IPAQ-A, PSE and EV. While the great majority of students (81.2% of males and females) have a good opinion of Physical Education as they consider fun and important for their development, less than 50% considered important in the choice of lifestyle. Only 44.4% of the students (Female 39.8% - Male 49.6%; $p < 0.01$) agree that Physical Education classes help their engage in the practice of sport during spare time. The limited percentage of student that attributes a significant role at PE in the adoption of their lifestyle should be considered in the PE guidelines and in teacher training. Data seems to confirm greater values of physical self efficacy perception and physical activity in males (Spence, 2010). The fact that males obtain better assessments of the females raises the question of whether the teachers adopt criteria for evaluating that pose males and females equally.

Keywords: physical education, active lifestyle

INTRODUCTION

Physical education (PE) can have a powerful influence on promoting youth's physical activity (PA) and health (Malina, 2001, Wallhead, 2004 a-b – Pate, 2006) but this will not necessarily resulted from participation per se: the effects are likely to be mediated by the nature of the interactions among students and their teachers, parents and coaches (Bailey, 2006). In Mozaffarian (2012) were identified some schools' intervention that demonstrates a good efficacy in PA promotion and in which the PE's "quality" is the key point. It's reasonable to think, therefore, that there is a connection between quality of physical education and quantity of physical activity practiced by students at the end of their scholastic education but, obviously, a lot of factors modulate this connection both with regard to the "quality" of PE and the living conditions of the students.

The main aim of the search is to identify the role of Physical Education in the choice of the lifestyle by students at the end of secondary school. In this paper we present some characteristics of students that attended the fifth year of the secondary schools (males versus females) and the role that they attribute to the Physical Education for the adoption of their lifestyle. The study of the correlations among the parameters assessed and the justifications given by the students are still in progress.

METHODS

The research was carried out in the fifth classes of secondary schools in nine cities in the north-east of Italy: Bolzano, Trento, Verona, Mantova, Modena, Vicenza, Padova, Treviso and Venezia.

The opinions of students about PE and the role that it played in determining their lifestyles was examined with one thousand eight hundred and seven students (17-22 years), through the Italian version of a questionnaire proposed by Nuviala et al. (2011), with some additions.

The items were related to the assessment that students give to the Physical Education and its teachers: 1-Physical Education classes are fun; 2-Physical Education classes help me engage in the practice of sport during spare time; 3-You don't waste time in Physical Education classes; 4-Physical Education teaching staff help me become interested in physical activity and recreational sports; 5-Physical Education is important for my own personal development. Two items were added at those proposed from Nuviala: 6-What I learned in PE will be useful in the coming years; 7-In the coming years I will practice moderate and/or vigorous physical activity at least 150' (2 hours and half) for week. In all these items students could choose between the options "strongly agree", "agree", "disagree" and "strongly disagree". For the items number 2 – 3 – 5 – 6 – 7, they were also asked to write the main reason that determined their opinion.

An informed consensus from the schools was obtained through a letter explaining the aim of the research and its procedures. Participants were informed that there were no right or wrong answers and were asked to respond with sincerity and honesty. Every student voluntarily answered at the questionnaire and authorized their data handling.

The Body Mass Index (BMI) was calculated asking the height and weight of each students; their physical activity (PA) was derived from the International Physical Activity Questionnaire for Adolescent (IPAQ-A) while, for the self-efficacy perception (PSE), a subscale of the "Physical Self Efficacy Scale" developed by Ryckman (1982) was adopted.

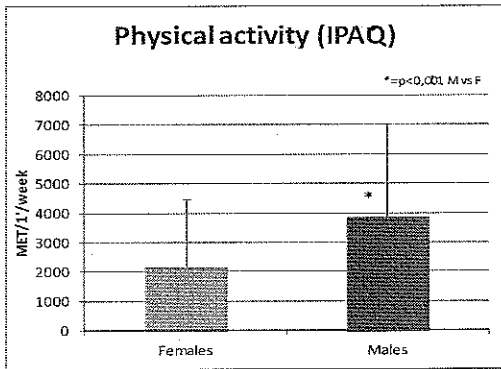
The students were asked also the average of the PE' grades (EV) in the last two years. The grades, in the Italian educational system, are comprised between 0 and 10; a grade equal to 6 is considered to be a mediocre but sufficient result, whereas having a grade superior to 7 is considered a good result. All these data are been detected in order to characterize the population and verify their (potential) role in the choice of lifestyles.

Differences between females and males, for parametric data, were detected with t-test while non-parametric data was analyzed through chi-square test.

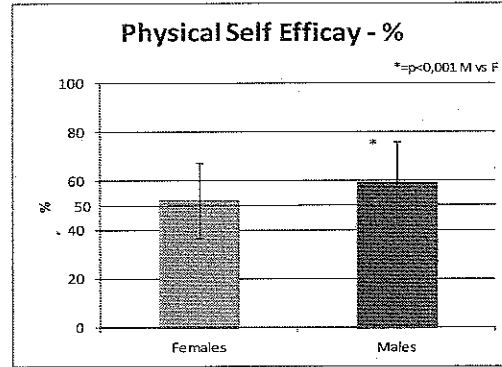
RESULTS

This presentation concerns the characteristics of the students (1023 females – 784 males), their opinions on physical education and the role it played in the adoption of their lifestyle. The motivation of the student opinions are still processing.

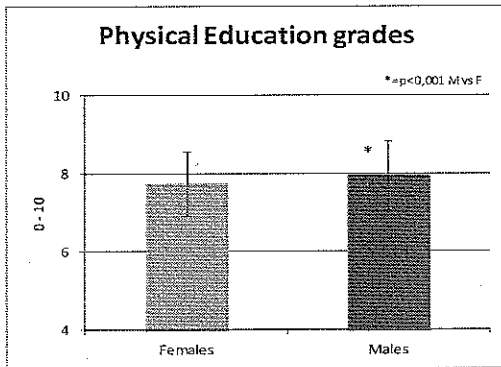
Males (M) show higher values than females (F) ($p < 0.001$ for all) for age ($M = 18.52 \pm 0.78$; $F = 18.36 \pm 0.65$), BMI ($M = 22.45 \pm 2.69$; $F = 20.89 \pm 2.86$), PA ($M = 3854.5 \pm 3274.7$ MET/1'/w; $F = 2003.9 \pm 2258.2$ MET/1'/w), PSE ($M = 39.33 \pm 8.17$; $F = 35.44 \pm 7.42$) and EV ($M = 7.90 \pm 0.88$; $F = 7.66 \pm 0.81$).



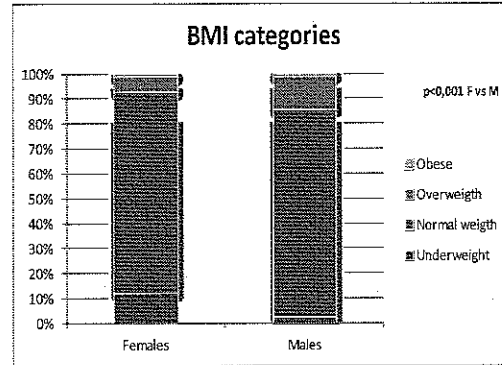
Graph n.1



Graph n.2

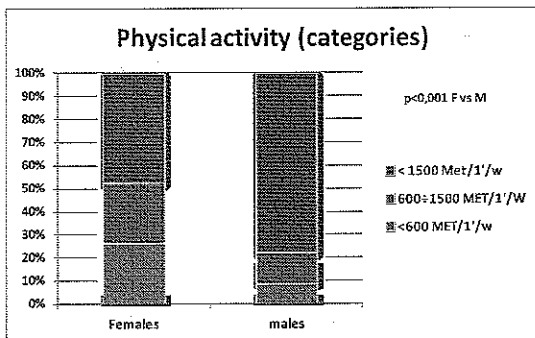


Graph n.3

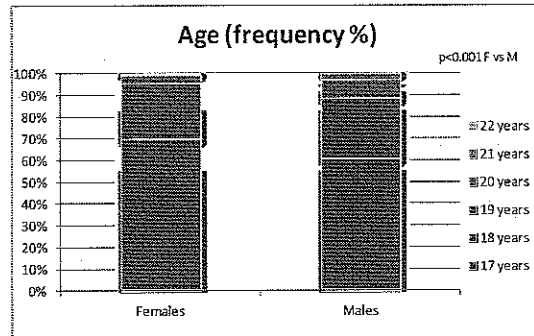


Graph n.4

As regards the BMI, as you see in Graph. n.4, also the distribution of the subjects in the categories of underweight, normal-weight, overweight and obese show a prevalence of males in overweight and of females in underweight ($p < 0.001$ M vs F). Twenty females (2.0%) did not write the details of their weight, while all males have them declared.



Graph n.5



Graph n.6

On the basis of IPAQ-A data, the 26.6% of females and the 8.9% of males (Graph n. 5) don't meet the minimum at least 600 MET/1/week and should be considered sedentary (IPAQ Research Committee, 2005).

The difference in the age is determined from the presence of a higher number of males repeating school years (Graph n.6); it is notable that, despite this, the PE grades are higher for males. The study of correlations between the grades and the other factors will help in getting more information on this topic.

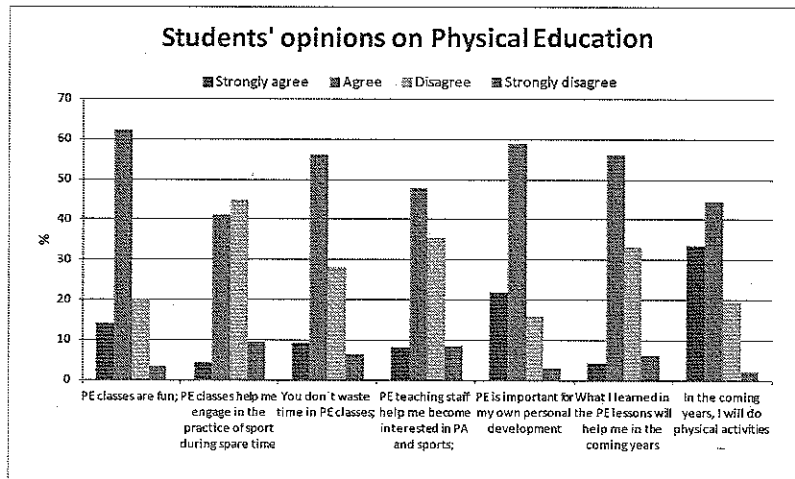
Despite 81.1% of the students ($p = n.s$ M vs F) affirm that Physical Education is important for their development and 76.3% say that PE is fun ($M = 82.2\% \pm 17.8$, $F = 71.8\% \pm 28.1$, $p < 0.001$), less of 50% of them attribute a significant role for the adoption of their lifestyle (Graph n. 7 and 8). In particular 58.8% of the females and 49.1% of males ($p < 0.001$) says that PE classes don't help them engaging in the practice of sport during spare time. The judgment about PE teachers, in this field, is just a little better than that about the discipline: only 56.1% of the students ($p = n.s$. M vs F) affirm that Physical Education teaching staff helps them become interested in physical activity and recreational sports. 37.8% of the females and the 30.6% of the males ($p < 0.001$) declare that they waste time in PE classes. 39.5% explicitly declare that what they learn in PE lessons will not be useful in coming years. Despite this, 80.2% of students affirm that will carry enough physical activity in later years.

DISCUSSION

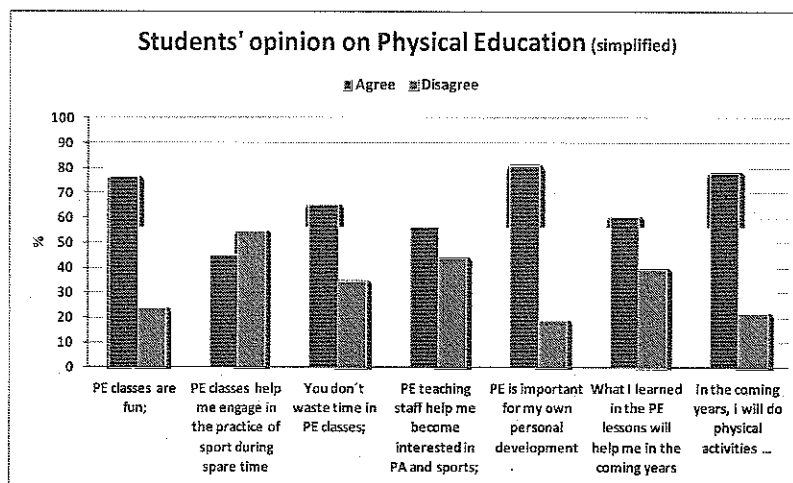
Data confirm the well known difference between males and females, in Physical Self Efficacy Perception (Spence, 2010), in BMI and in Physical Activity (Istat, 2012).

It isn't clear if the fact that males obtain, on physical education, a slightly higher evaluation than females (1.9%), is a real didactic problem. If it were, we should ask ourselves if teachers adopt criteria that put men and women on an equal level. Data about Physical Activity indicate that, at the end of scholastic education, 26.6% of females and 8.9% of males don't perform the minimum at least 600 MET/1/week and too many females don't believe that PE help them to improve their lifestyle. All these results seem to indicate that the "gender theme" should be a priority for PE teachers and researchers.

The results of Nuviala's questionnaire, integrated with our two items, shows that PE is considered in an ambivalent way: on one side most of the students attribute to PE an theoretical role for development but, on the other side, only about half of them recognize it has an effective role in the adoption of an active lifestyle.



Graph n.7



Graph n.8

Dark column shows the amount of data expressed as "agree" and "strongly agree"; clearer column shows the amount of data expressed as "disagree" and "strongly disagree".

CONCLUSIONS

The framework represented by these data is not flattering at all for the Physical Education teachers in the northeast of Italy. The next step of the research will try to highlight the main reasons for the limited role of physical education in the adoption of active lifestyles by students.

The motivations adopted from the students and the correlations between the students's answers and their characteristics (BMI, IPAQ-A, PSE, VE), perhaps, will help us understand some of the critical points of the relationship between teaching and learning of an active lifestyle in Physical Education.

These results should be carefully considered in the PE guidelines, in teacher training and in the refresher courses.

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